

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075265.D
 Acq On : 14 Nov 2022 15:04
 Operator : JC\MD
 Sample : VN1114WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Quant Time: Nov 15 03:52:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	130785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	230550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	78289	44.428	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.860%		
35) Dibromofluoromethane	8.171	113	68126	50.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.680%		
50) Toluene-d8	10.565	98	241667	46.023	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.040%		
62) 4-Bromofluorobenzene	12.847	95	91320	49.507	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	31114	18.288	ug/l	96
3) Chloromethane	2.371	50	33556	18.568	ug/l	96
4) Vinyl Chloride	2.524	62	43456	16.856	ug/l	96
5) Bromomethane	2.936	94	34785	15.495	ug/l	98
6) Chloroethane	3.112	64	31713	17.155	ug/l	99
7) Trichlorofluoromethane	3.501	101	54367	20.644	ug/l	98
8) Diethyl Ether	3.971	74	19637	20.443	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	30429	20.922	ug/l	98
10) Methyl Iodide	4.595	142	45093	20.826	ug/l	98
11) Tert butyl alcohol	5.536	59	35866	87.277	ug/l	97
12) 1,1-Dichloroethene	4.348	96	29540	21.308	ug/l	88
13) Acrolein	4.195	56	18525	55.113	ug/l	95
14) Allyl chloride	5.036	41	37358	18.450	ug/l	93
15) Acrylonitrile	5.730	53	89354	102.931	ug/l	99
16) Acetone	4.442	43	88664	118.829	ug/l	93
17) Carbon Disulfide	4.724	76	70838	20.319	ug/l #	93
18) Methyl Acetate	5.042	43	50621	20.770	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	105068	20.391	ug/l	95
20) Methylene Chloride	5.283	84	34349	20.647	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	32085	21.137	ug/l	88
22) Diisopropyl ether	6.683	45	93879	21.010	ug/l	97
23) Vinyl Acetate	6.612	43	357668m	95.856	ug/l	
24) 1,1-Dichloroethane	6.577	63	56894	20.132	ug/l	98
25) 2-Butanone	7.489	43	122382	104.278	ug/l	100
26) 2,2-Dichloropropane	7.500	77	51512	19.814	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	37898	20.907	ug/l	96
28) Bromochloromethane	7.818	49	23077	19.371	ug/l	95
29) Tetrahydrofuran	7.847	42	77382	102.036	ug/l	97
30) Chloroform	7.971	83	62694	20.433	ug/l	97
31) Cyclohexane	8.265	56	51967	19.828	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	57881	20.773	ug/l	96
36) 1,1-Dichloropropene	8.377	75	44840	21.400	ug/l	96
37) Ethyl Acetate	7.571	43	44561	19.392	ug/l	99
38) Carbon Tetrachloride	8.365	117	51383	22.293	ug/l	97
39) Methylcyclohexane	9.600	83	59258	21.422	ug/l	99
40) Benzene	8.606	78	142799	22.258	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	23563	21.403	ug/l	99
42) 1,2-Dichloroethane	8.671	62	49119	21.044	ug/l	98
43) Isopropyl Acetate	8.688	43	71890	20.169	ug/l	98
44) Trichloroethene	9.353	130	37661	23.397	ug/l	92
45) 1,2-Dichloropropane	9.624	63	34011	22.276	ug/l	100
46) Dibromomethane	9.712	93	25581	21.505	ug/l	96
47) Bromodichloromethane	9.888	83	50656	21.990	ug/l	97
48) Methyl methacrylate	9.682	41	33344	20.393	ug/l	97
49) 1,4-Dioxane	9.694	88	18631	435.143	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	236277	102.723	ug/l	98
52) Toluene	10.630	92	91929	21.435	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	52346	21.529	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	56586	21.942	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	37439	22.016	ug/l	95
56) Ethyl methacrylate	10.871	69	53007	20.435	ug/l	97
57) 1,3-Dichloropropane	11.165	76	60489	21.360	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	103474	103.185	ug/l	100
59) 2-Hexanone	11.194	43	181985	104.246	ug/l	100
60) Dibromochloromethane	11.359	129	39819	22.194	ug/l	99
61) 1,2-Dibromoethane	11.471	107	38176	21.906	ug/l	99
64) Tetrachloroethene	11.106	164	33585	26.408	ug/l	89
65) Chlorobenzene	11.888	112	96918	21.888	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	35471	21.595	ug/l	97
67) Ethyl Benzene	11.965	91	176128	22.109	ug/l	94
68) m/p-Xylenes	12.071	106	139211	43.551	ug/l	96
69) o-Xylene	12.400	106	70419	22.276	ug/l	99
70) Styrene	12.412	104	113093	22.437	ug/l	98
71) Bromoform	12.576	173	28223	22.950	ug/l #	99
73) Isopropylbenzene	12.694	105	182230	21.591	ug/l	100
74) N-amyl acetate	12.494	43	60659	19.432	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	56641	21.053	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	48379m	21.673	ug/l	
77) Bromobenzene	12.982	156	41049	22.088	ug/l	96
78) n-propylbenzene	13.035	91	206517	21.793	ug/l	100
79) 2-Chlorotoluene	13.123	91	125285	21.636	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	154913	21.852	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16686	19.188	ug/l	94
82) 4-Chlorotoluene	13.123	91	125285	21.636	ug/l	100
83) tert-Butylbenzene	13.441	119	139095	22.082	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	156442	21.811	ug/l	99
85) sec-Butylbenzene	13.618	105	195728	22.212	ug/l	100
86) p-Isopropyltoluene	13.729	119	162676	22.353	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	80252	22.055	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	79939	22.198	ug/l	99
89) n-Butylbenzene	14.059	91	134359	22.926	ug/l	99
90) Hexachloroethane	14.335	117	27911	20.918	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	80556	22.269	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12058	21.180	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	39804	25.570	ug/l	97
94) Hexachlorobutadiene	15.500	225	19309	25.444	ug/l	97
95) Naphthalene	15.641	128	142472	23.800	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	37728	24.393	ug/l	99

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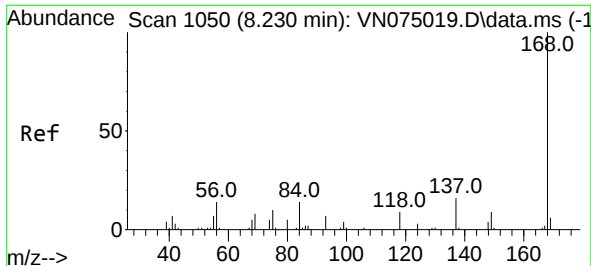
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

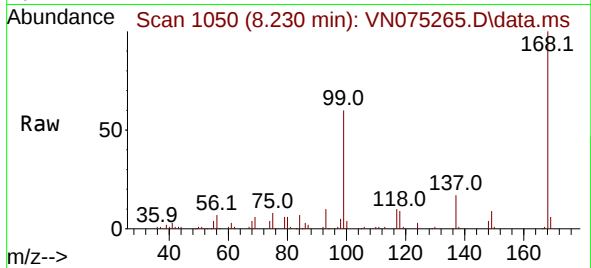
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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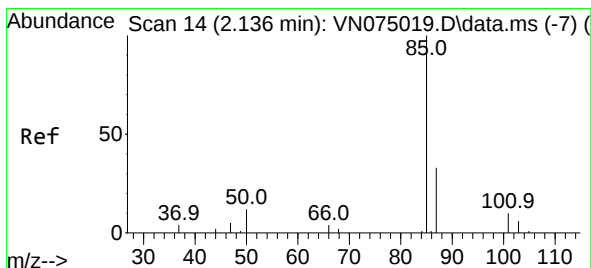
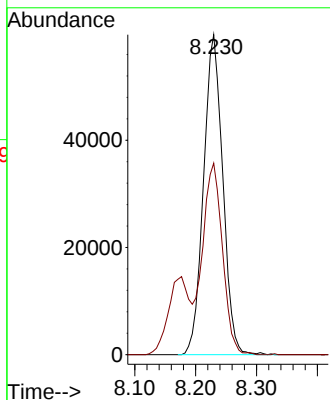
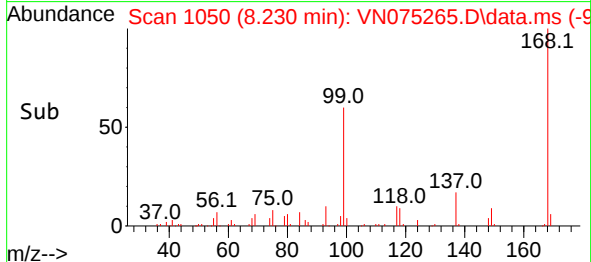
Instrument :
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Tgt Ion:168 Resp: 130785
Ion Ratio Lower Upper
168 100
99 59.9 51.6 77.4

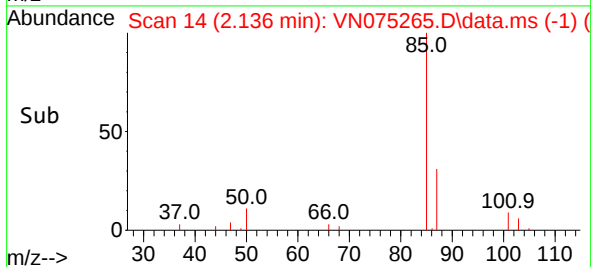
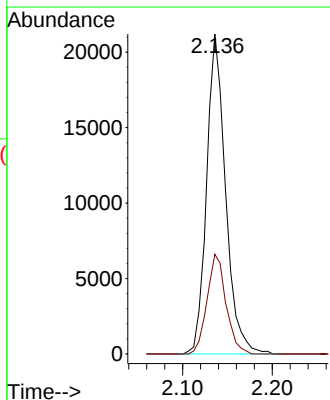
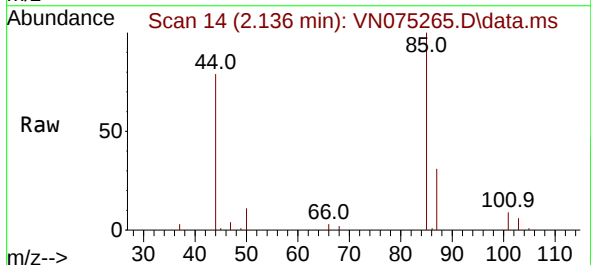
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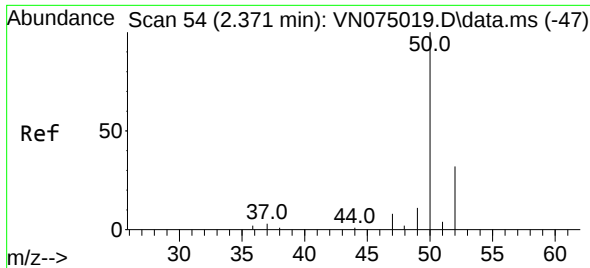
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#2
Dichlorodifluoromethane
Concen: 18.288 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 85 Resp: 31114
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.0





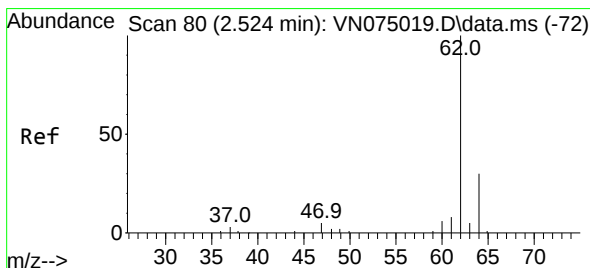
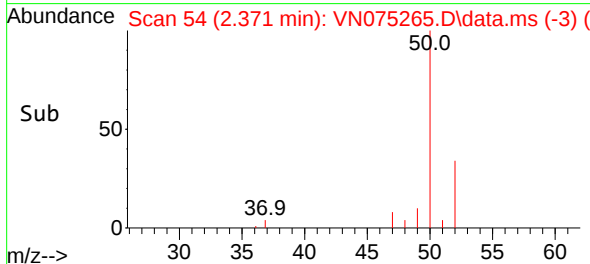
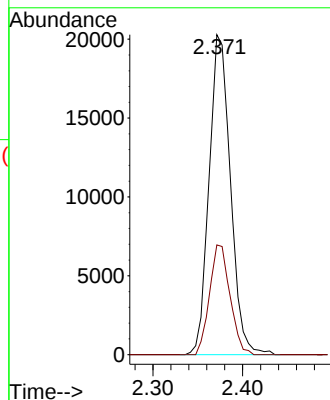
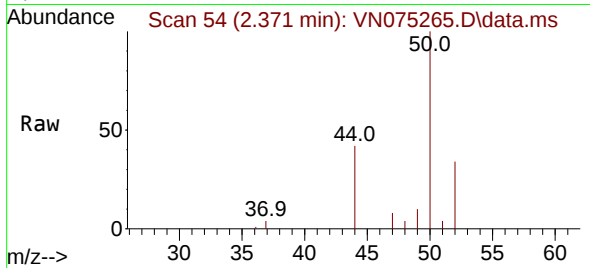
#3
Chloromethane
Concen: 18.568 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

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Tgt Ion: 50 Resp: 33550
Ion Ratio Lower Upper
50 100
52 34.3 25.8 38.6

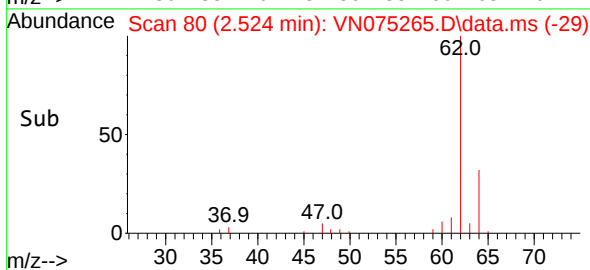
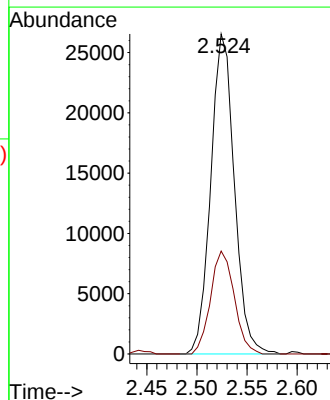
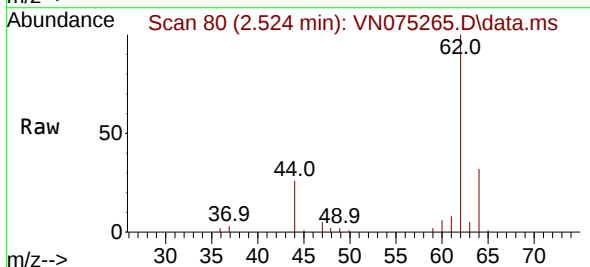
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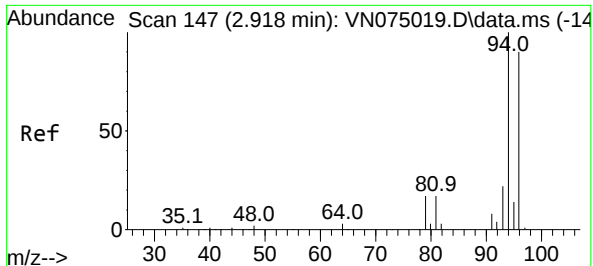
Reviewed By :John Carlone 11/15/2022
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#4
Vinyl Chloride
Concen: 16.856 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

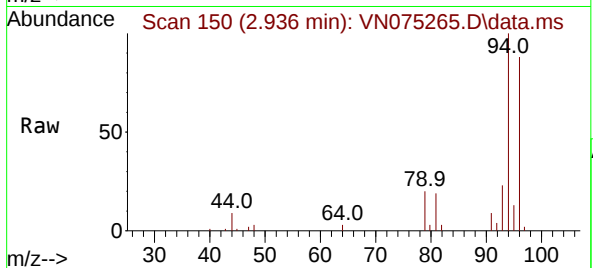
Tgt Ion: 62 Resp: 43456
Ion Ratio Lower Upper
62 100
64 32.1 24.0 36.0





#5
Bromomethane
Concen: 15.495 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

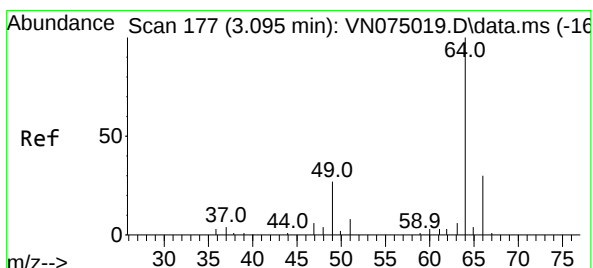
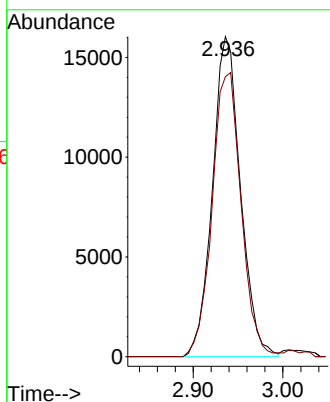
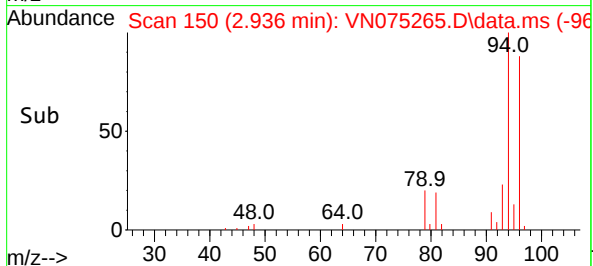
Instrument :
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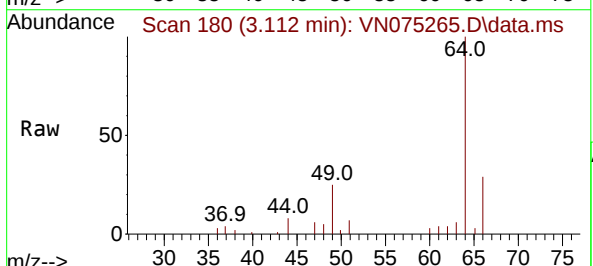
Tgt Ion: 94 Resp: 3478
Ion Ratio Lower Upper
94 100
96 87.5 71.8 107.6

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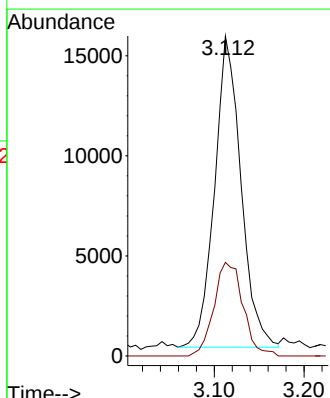
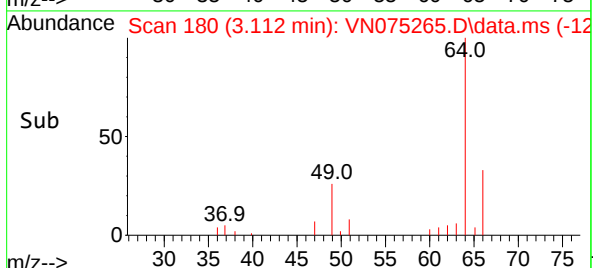
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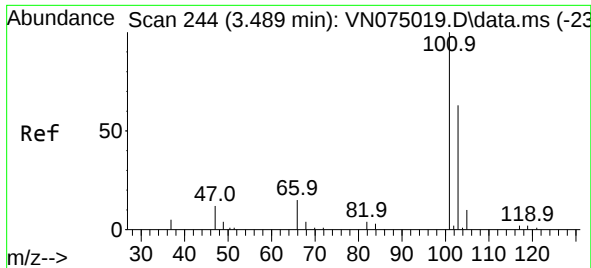


#6
Chloroethane
Concen: 17.155 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.017 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



Tgt Ion: 64 Resp: 31713
Ion Ratio Lower Upper
64 100
66 30.1 23.8 35.8





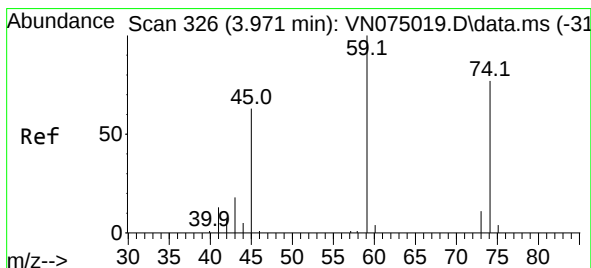
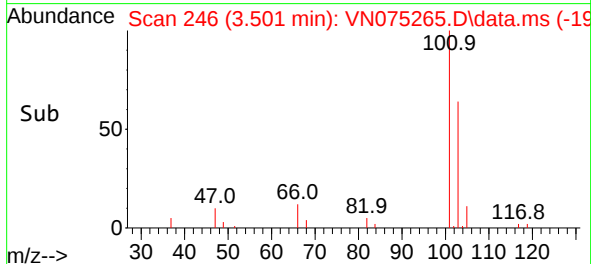
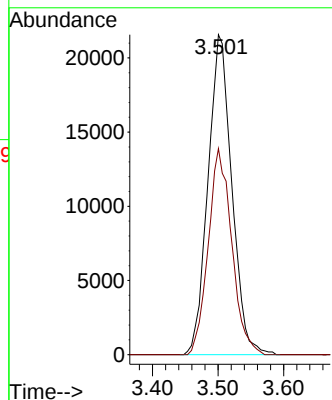
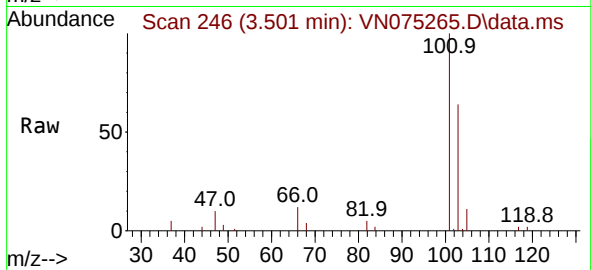
#7
Trichlorofluoromethane
Concen: 20.644 ug/l
RT: 3.501 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:101 Resp: 5436
Ion Ratio Lower Upper
101 100
103 64.4 50.5 75.7

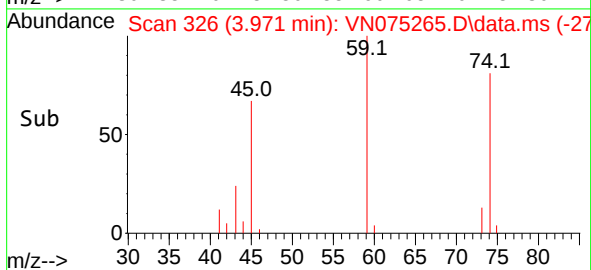
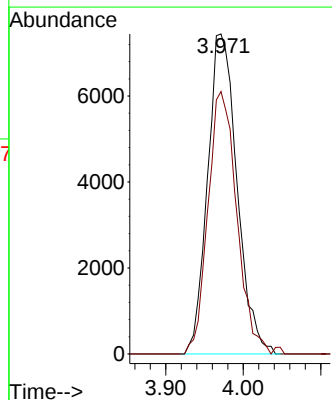
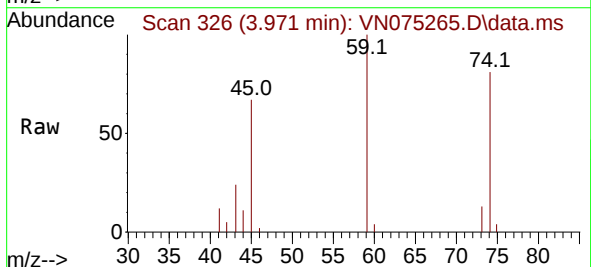
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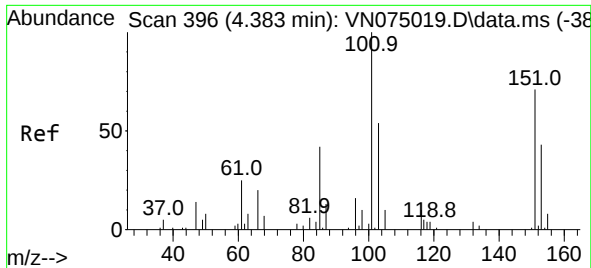
Reviewed By :John Carlone 11/15/2022
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#8
Diethyl Ether
Concen: 20.443 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 74 Resp: 19637
Ion Ratio Lower Upper
74 100
45 80.1 39.3 117.9





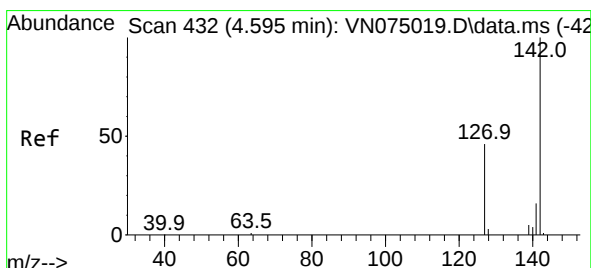
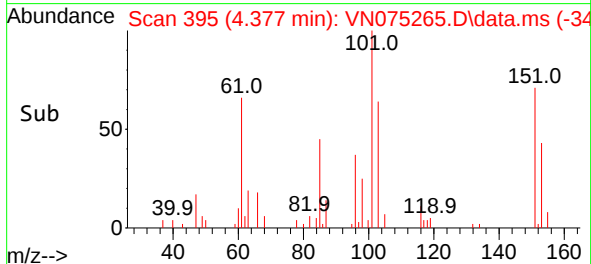
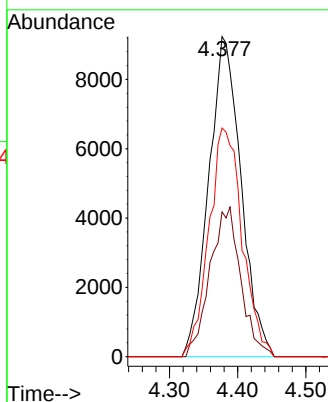
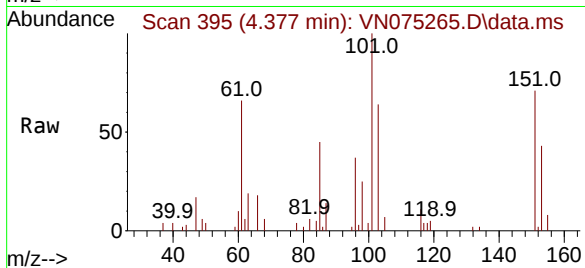
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.922 ug/l
RT: 4.377 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:101 Resp: 30429
Ion Ratio Lower Upper
101 100
85 44.4 37.6 56.4
151 73.6 58.3 87.5

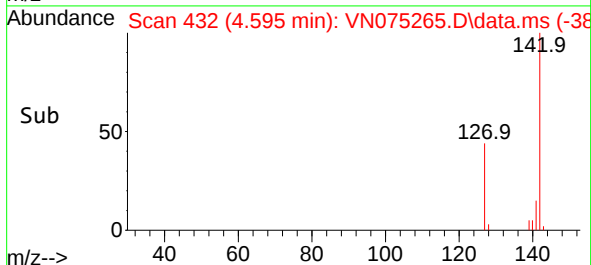
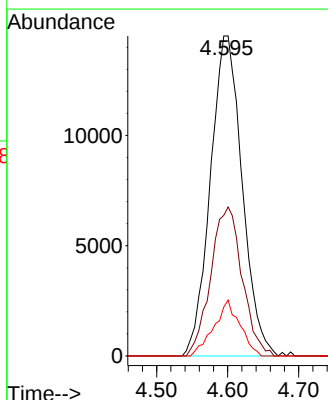
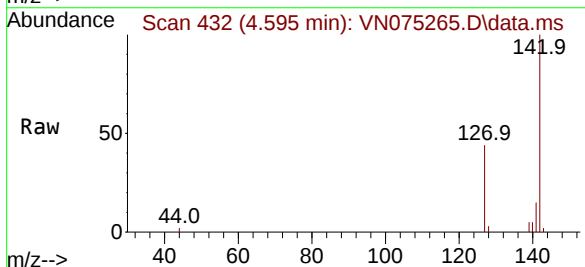
Manual Integrations
APPROVED

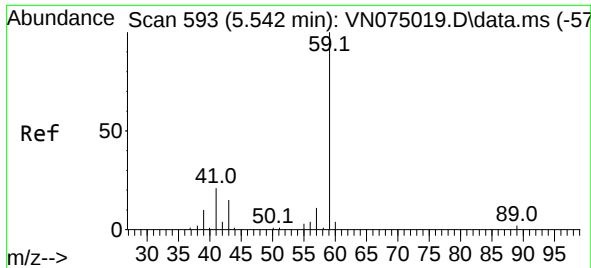
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#10
Methyl Iodide
Concen: 20.826 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion:142 Resp: 45093
Ion Ratio Lower Upper
142 100
127 46.0 38.0 57.0
141 14.3 12.2 18.4





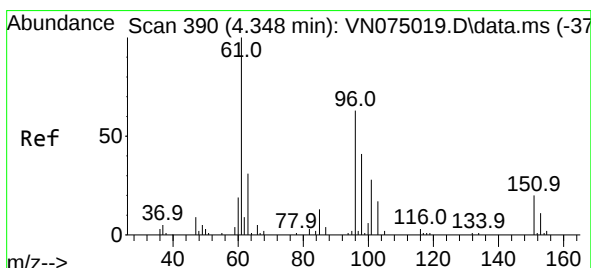
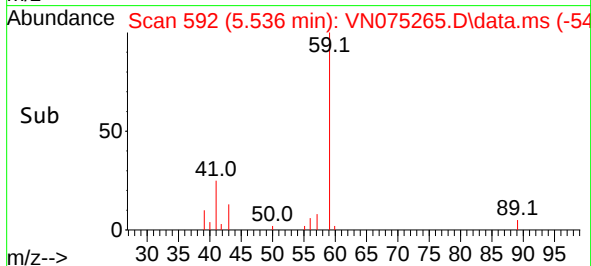
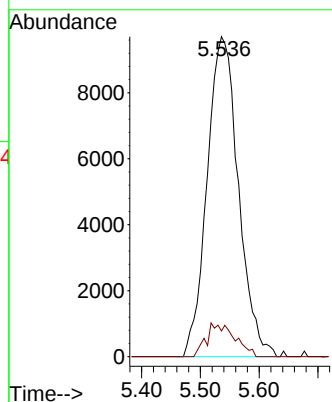
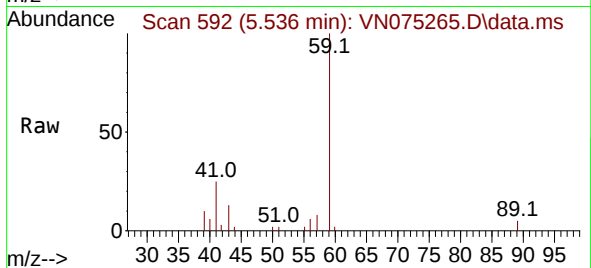
#11
Tert butyl alcohol
Concen: 87.277 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 59 Resp: 3586
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

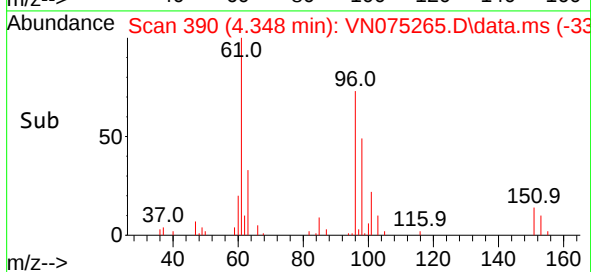
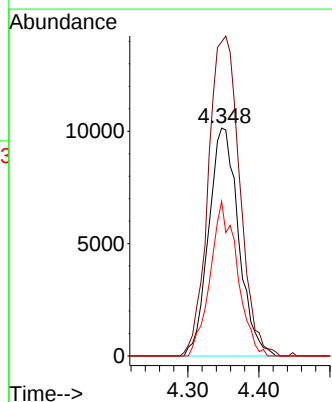
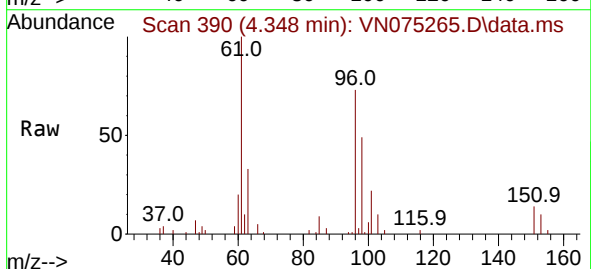
Manual Integrations
APPROVED

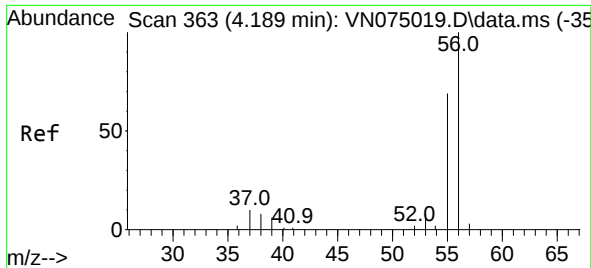
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#12
1,1-Dichloroethene
Concen: 21.308 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 96 Resp: 29540
Ion Ratio Lower Upper
96 100
61 137.9 126.2 189.4
98 67.9 51.5 77.3





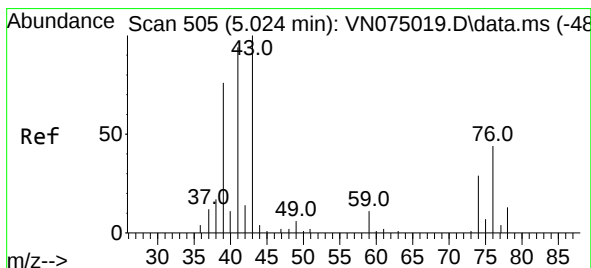
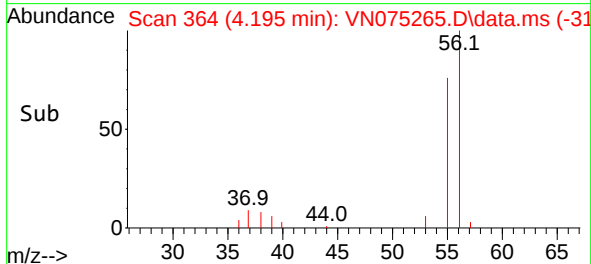
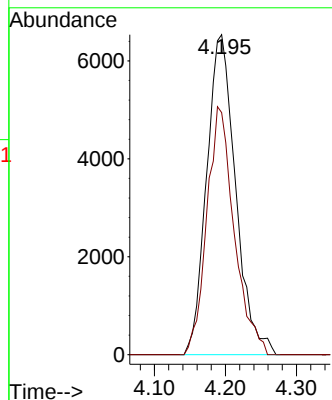
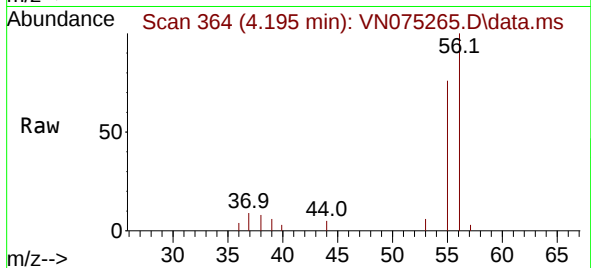
#13
Acrolein
Concen: 55.113 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 56 Resp: 1852
Ion Ratio Lower Upper
56 100
55 73.3 55.2 82.8

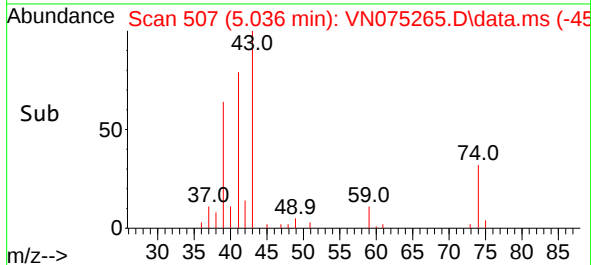
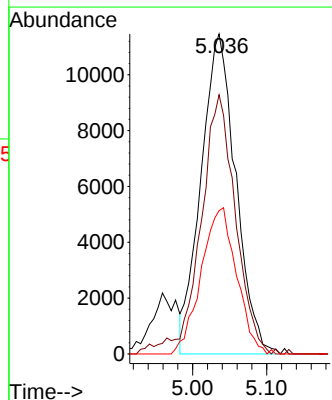
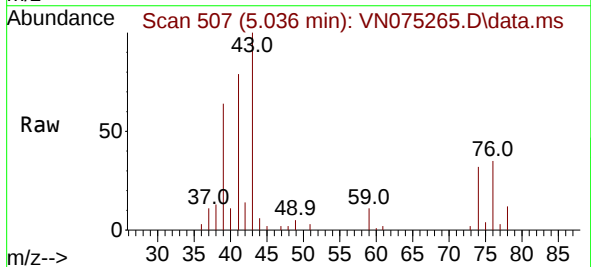
Manual Integrations
APPROVED

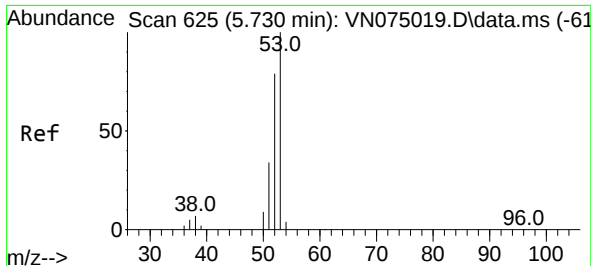
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#14
Allyl chloride
Concen: 18.450 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

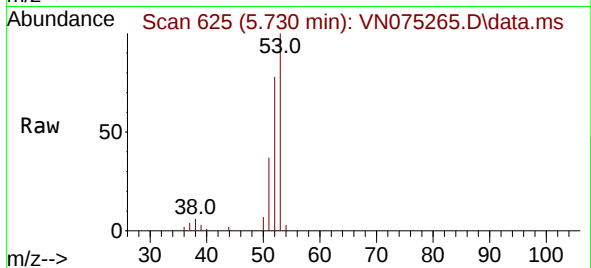
Tgt Ion: 41 Resp: 37358
Ion Ratio Lower Upper
41 100
39 81.3 61.0 91.4
76 46.5 33.4 50.0





#15
Acrylonitrile
Concen: 102.931 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

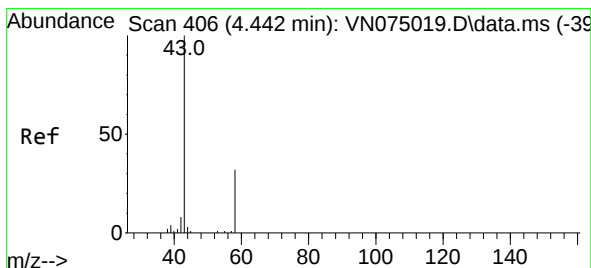
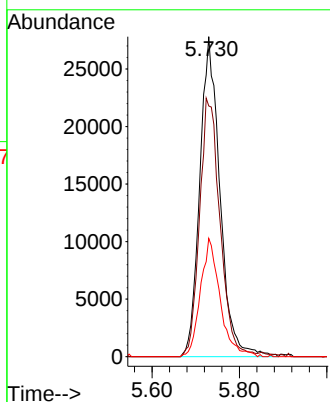
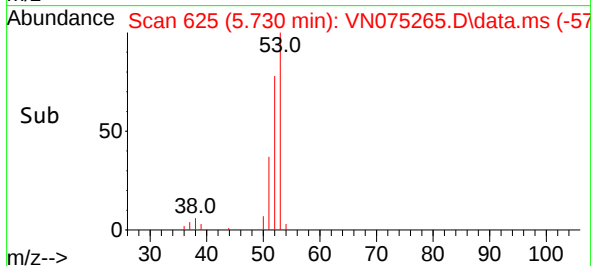
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 53 Resp: 89354
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 36.1 29.6 44.4

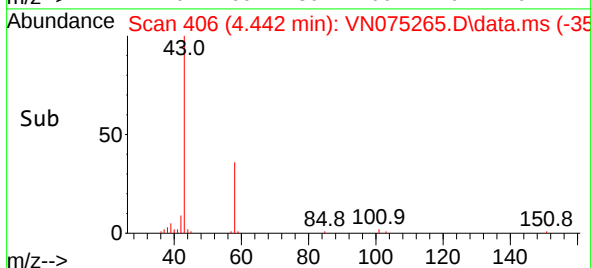
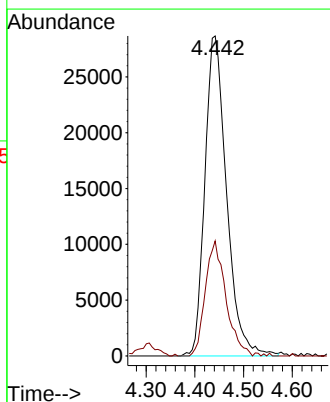
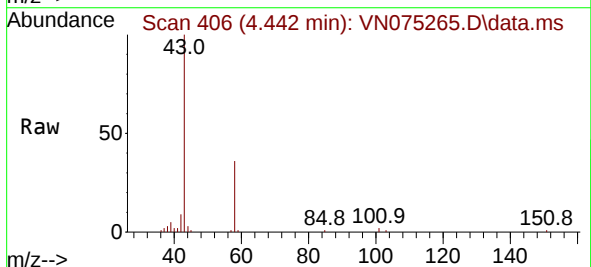
Manual Integrations
APPROVED

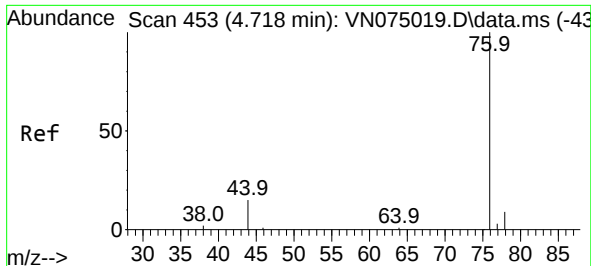
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#16
Acetone
Concen: 118.829 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

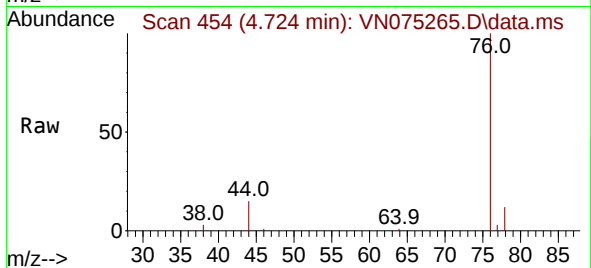
Tgt Ion: 43 Resp: 88664
Ion Ratio Lower Upper
43 100
58 35.9 25.5 38.3





#17
Carbon Disulfide
Concen: 20.319 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

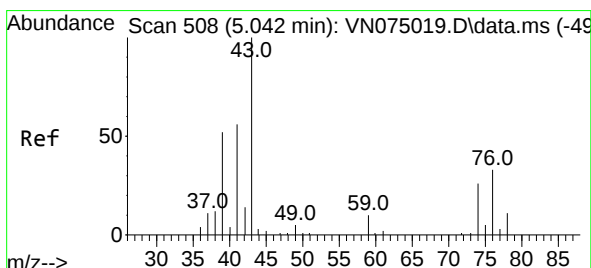
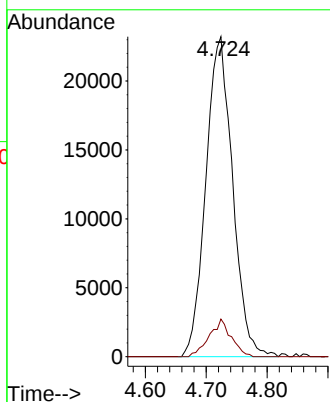
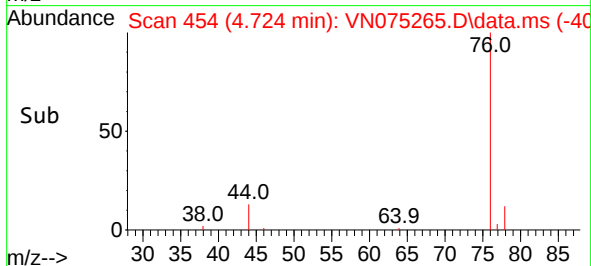
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 76 Resp: 70838
Ion Ratio Lower Upper
76 100
78 11.8 7.4 11.2

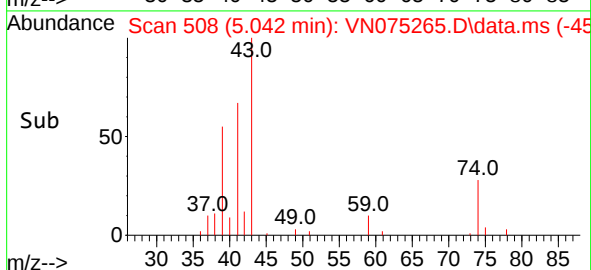
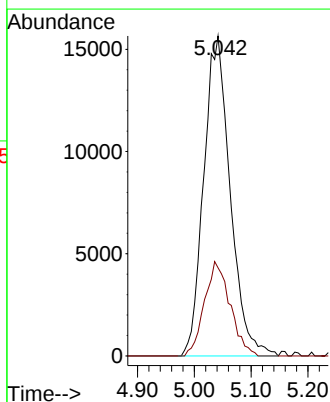
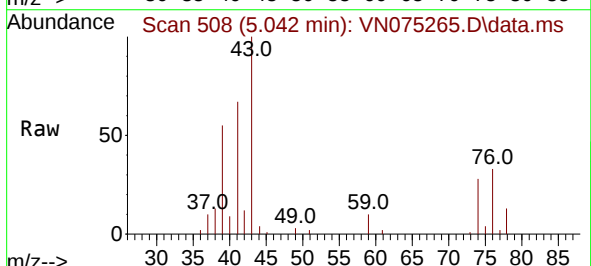
Manual Integrations
APPROVED

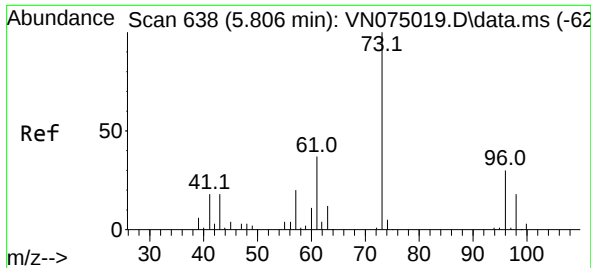
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#18
Methyl Acetate
Concen: 20.770 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 43 Resp: 50621
Ion Ratio Lower Upper
43 100
74 28.6 22.0 33.0





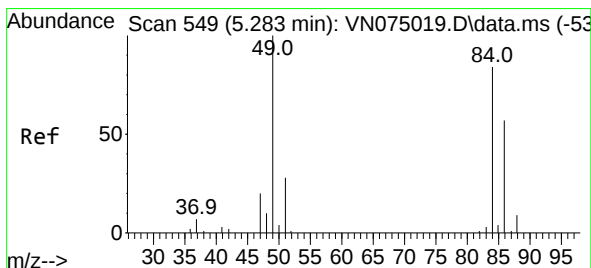
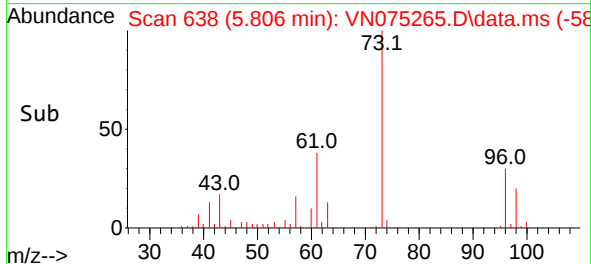
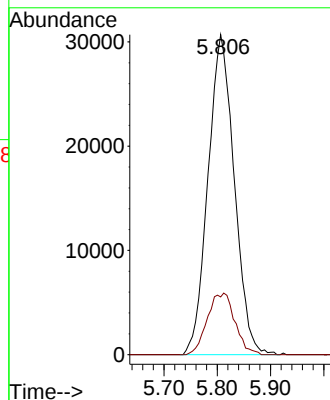
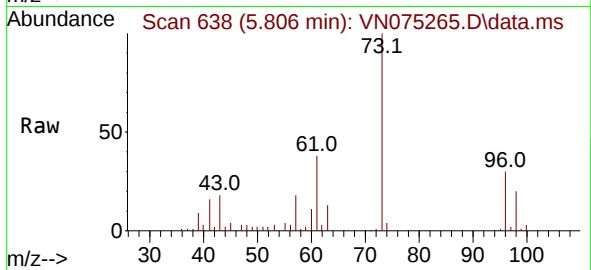
#19
Methyl tert-butyl Ether
Concen: 20.391 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 73 Resp: 10506
Ion Ratio Lower Upper
73 100
57 18.0 16.3 24.5

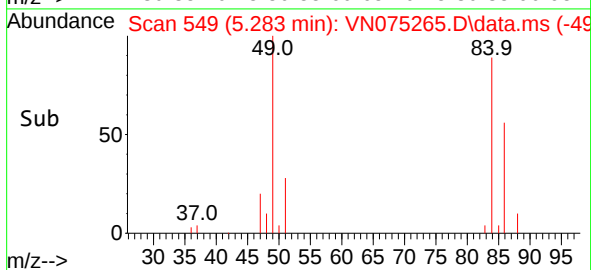
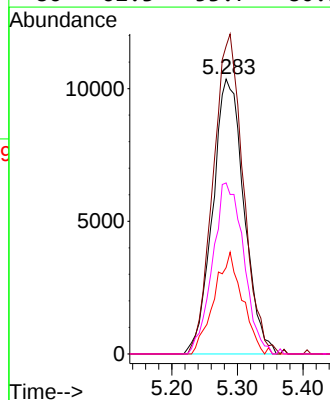
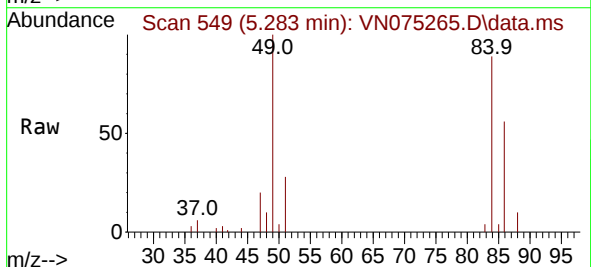
Manual Integrations
APPROVED

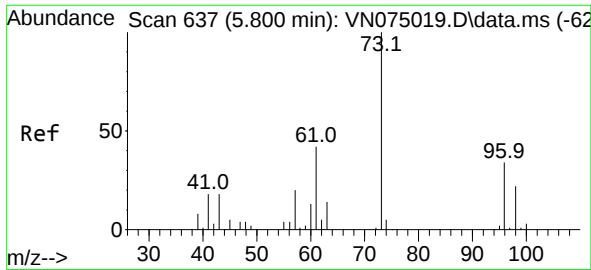
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#20
Methylene Chloride
Concen: 20.647 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 84 Resp: 34349
Ion Ratio Lower Upper
84 100
49 112.0 94.9 142.3
51 31.5 26.8 40.2
86 62.3 53.7 80.5





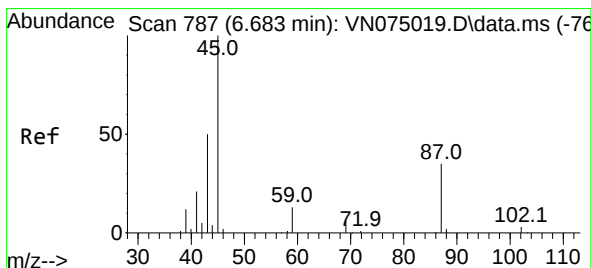
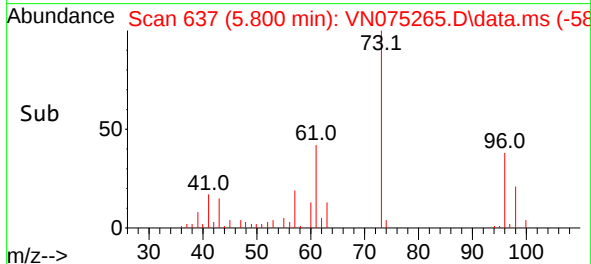
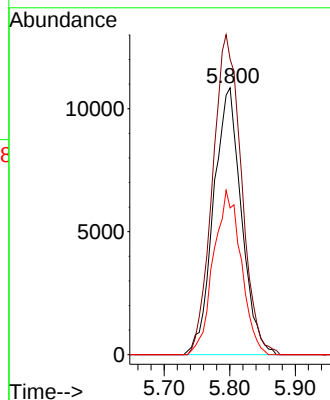
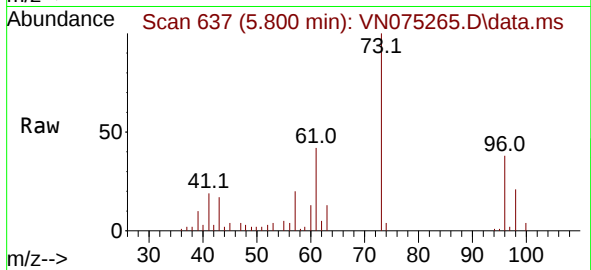
#21
trans-1,2-Dichloroethene
Concen: 21.137 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 96 Resp: 3208
Ion Ratio Lower Upper
96 100
61 110.7 99.9 149.9
98 55.0 51.5 77.3

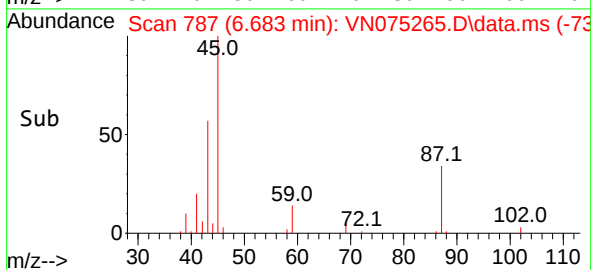
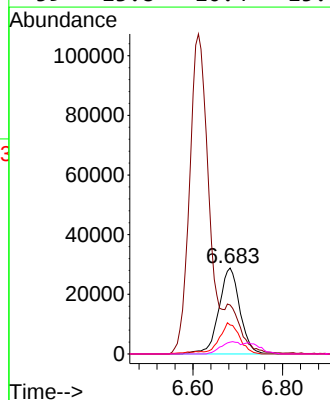
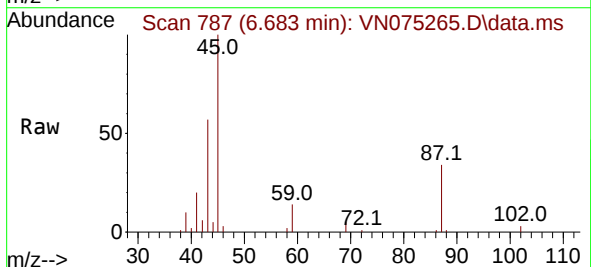
Manual Integrations
APPROVED

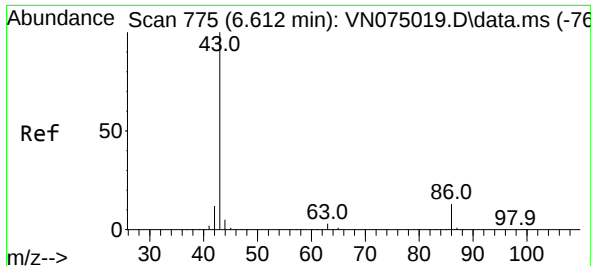
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#22
Diisopropyl ether
Concen: 21.010 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 45 Resp: 93879
Ion Ratio Lower Upper
45 100
43 55.7 42.8 64.2
87 33.7 28.4 42.6
59 13.8 10.4 15.6





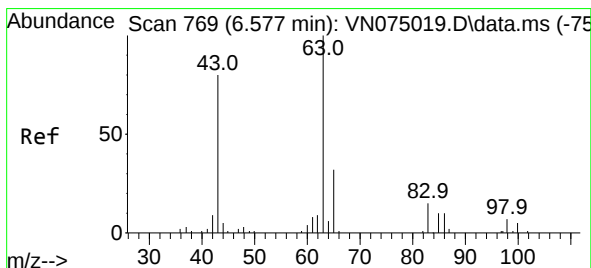
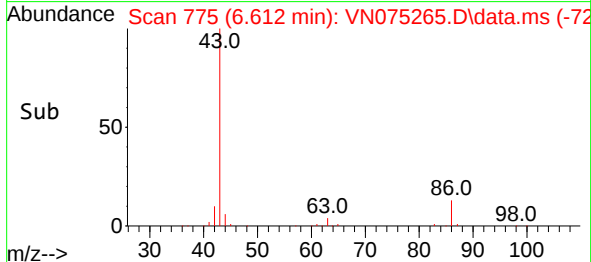
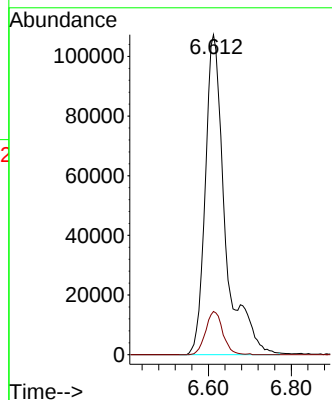
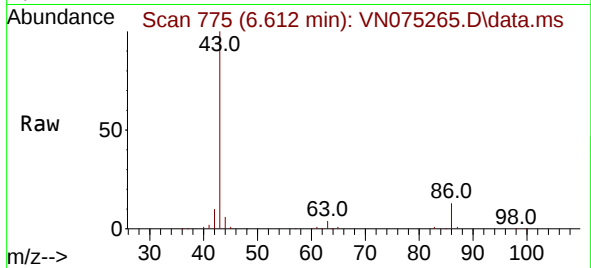
#23
 Vinyl Acetate
 Concen: 95.856 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075265.D
 Acq: 14 Nov 2022 15:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Tgt Ion: 43 Resp: 35766
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1

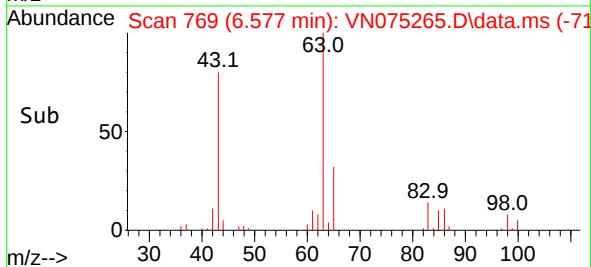
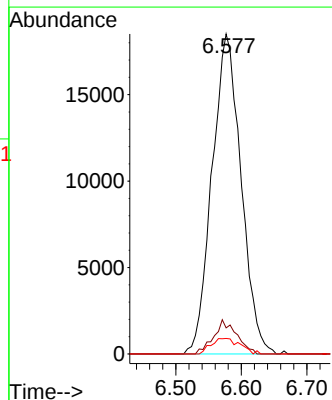
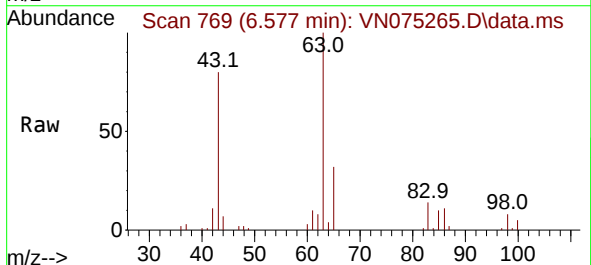
Manual Integrations
 APPROVED

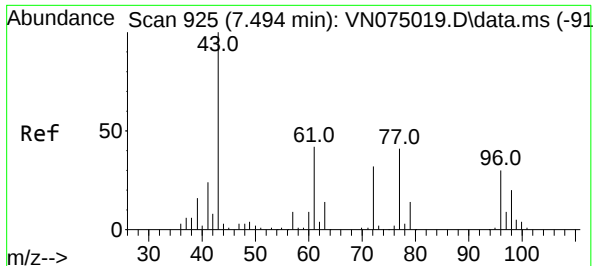
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#24
 1,1-Dichloroethane
 Concen: 20.132 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075265.D
 Acq: 14 Nov 2022 15:04

Tgt Ion: 63 Resp: 56894
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 104.278 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.005 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 43 Resp: 12238

Ion Ratio Lower Upper

43 100

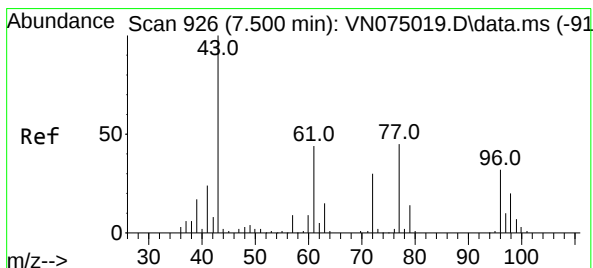
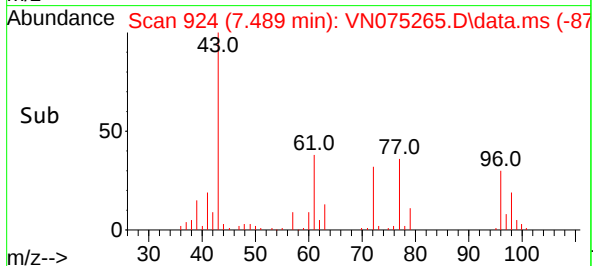
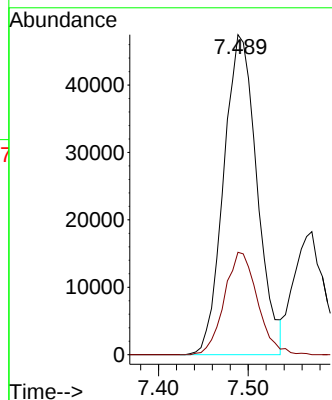
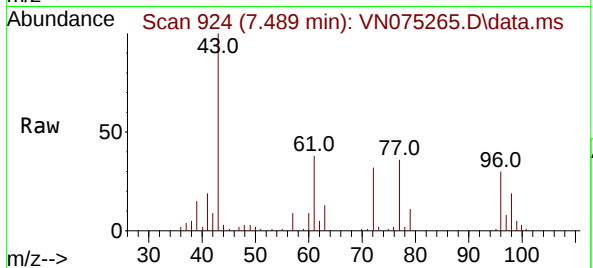
72 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#26

2,2-Dichloropropane

Concen: 19.814 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075265.D

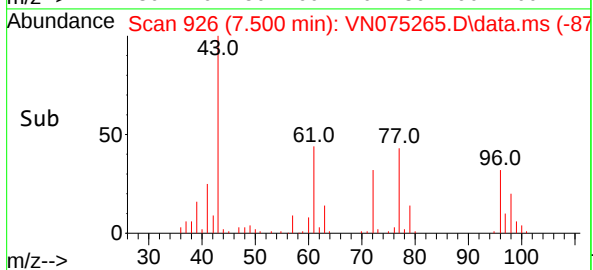
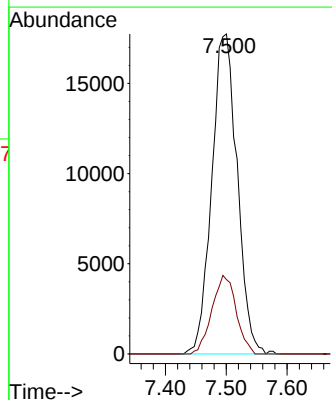
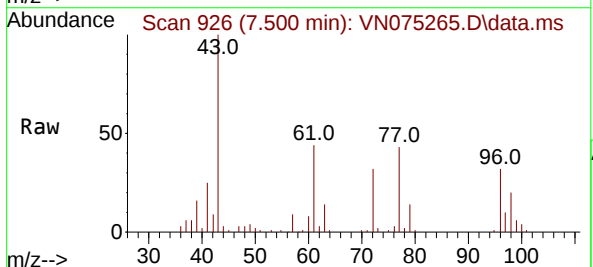
Acq: 14 Nov 2022 15:04

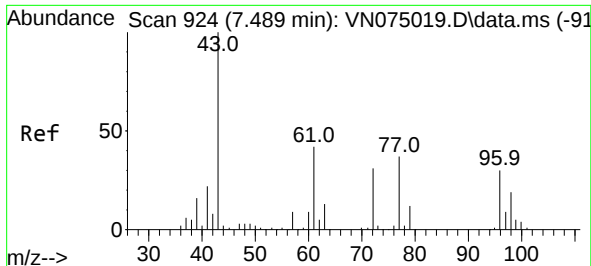
Tgt Ion: 77 Resp: 51512

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.907 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

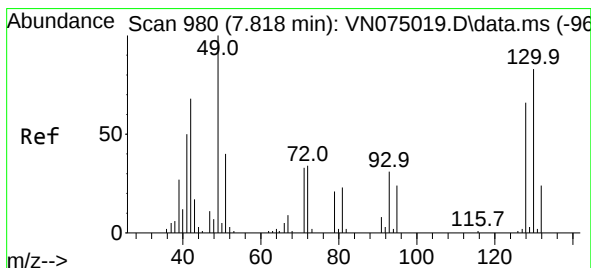
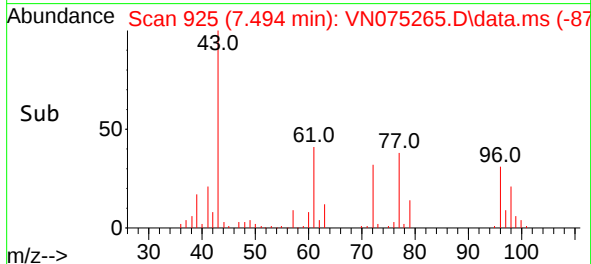
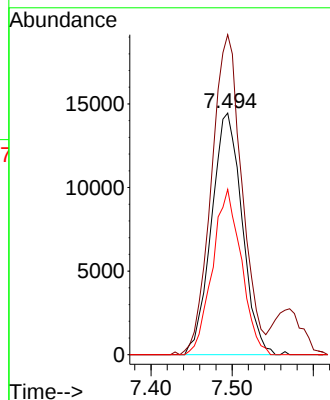
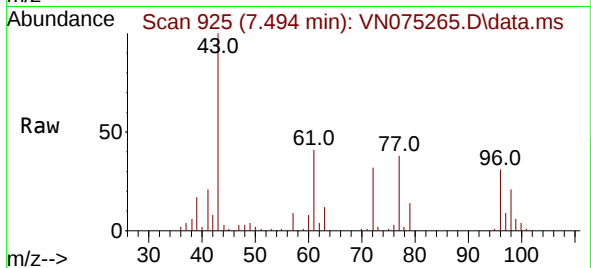
Tgt Ion: 96 Resp: 37898
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 278.8
 98 64.5 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#28

Bromochloromethane

Concen: 19.371 ug/l

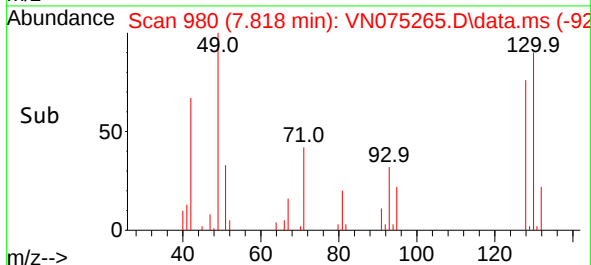
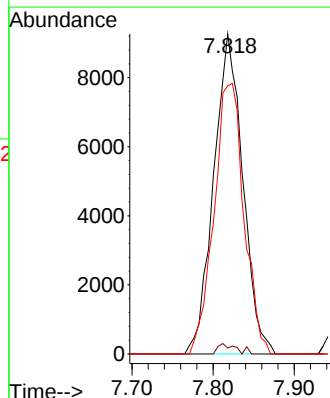
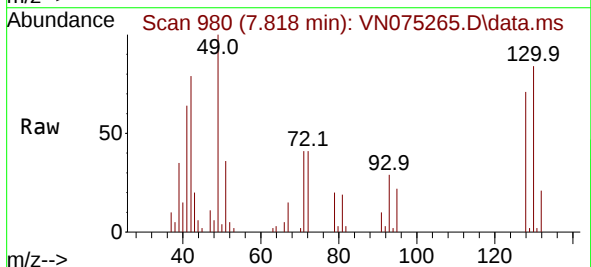
RT: 7.818 min Scan# 980

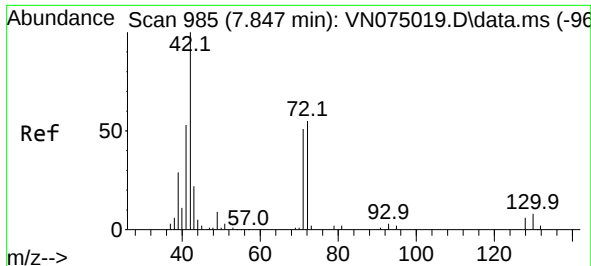
Delta R.T. -0.000 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

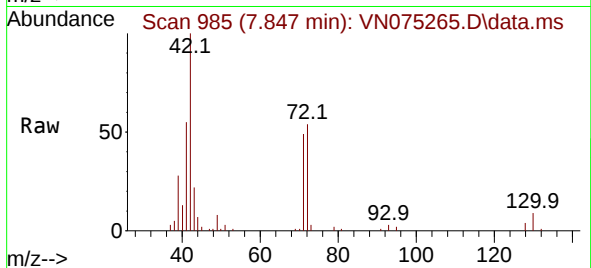
Tgt Ion: 49 Resp: 23077
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 87.1 66.2 99.4





#29
Tetrahydrofuran
Concen: 102.036 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

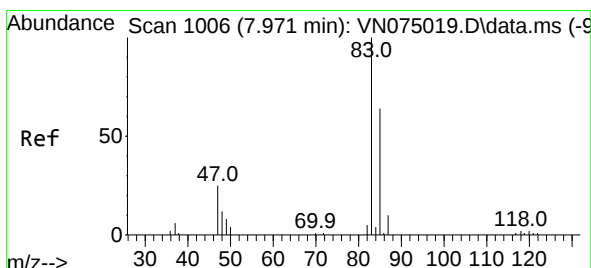
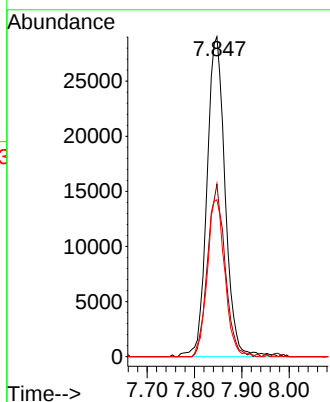
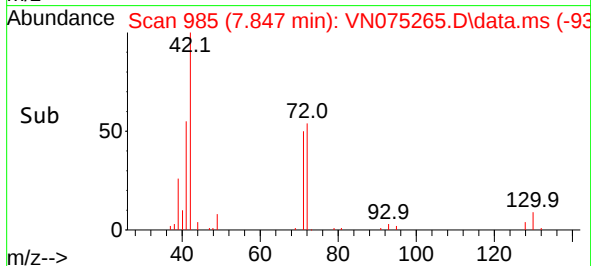
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



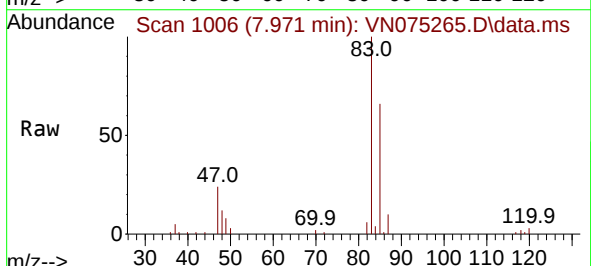
Tgt Ion: 42 Resp: 7738
Ion Ratio Lower Upper
42 100
72 51.6 43.0 64.6
71 47.6 39.9 59.9

Manual Integrations
APPROVED

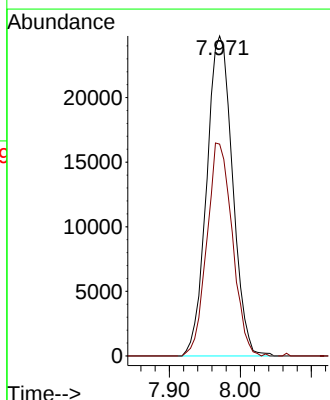
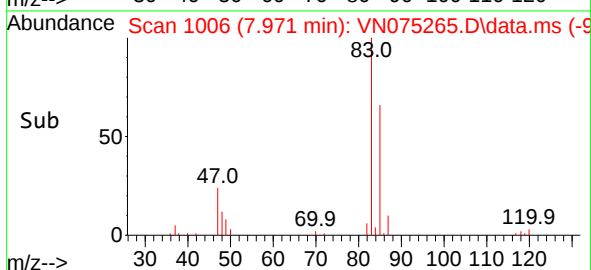
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

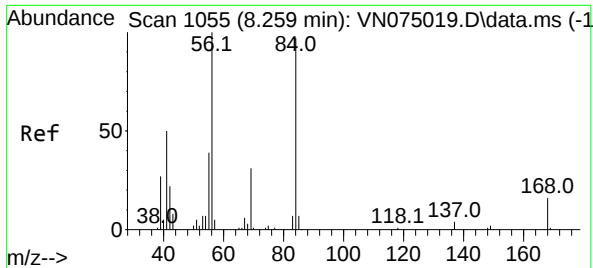


#30
Chloroform
Concen: 20.433 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



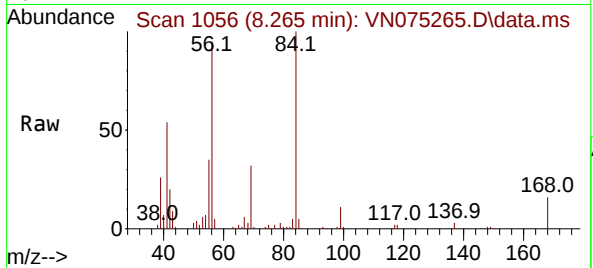
Tgt Ion: 83 Resp: 62694
Ion Ratio Lower Upper
83 100
85 66.2 51.4 77.0





#31
Cyclohexane
Concen: 19.828 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

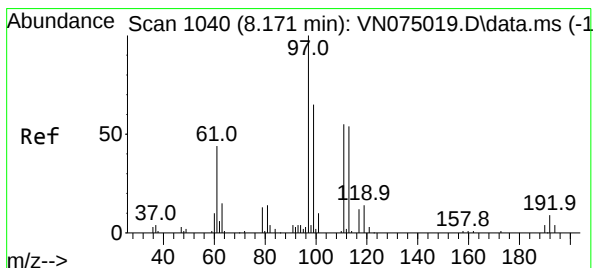
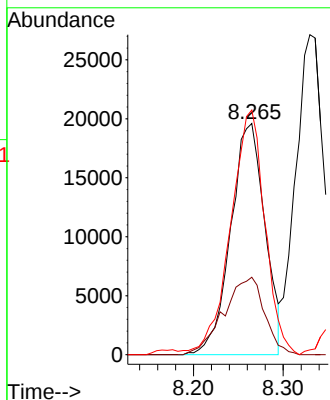
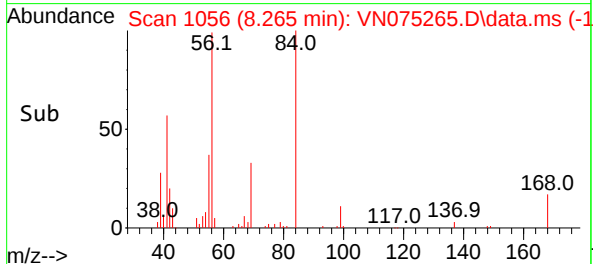
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



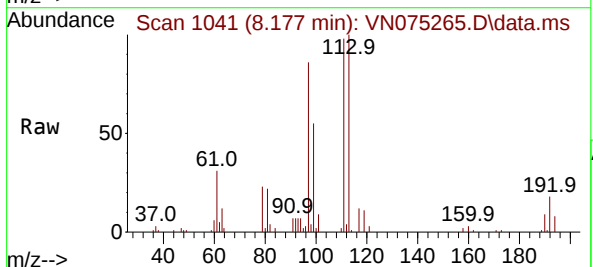
Tgt Ion: 56 Resp: 5196
Ion Ratio Lower Upper
56 100
69 33.5 25.2 37.8
84 104.3 77.8 116.8

Manual Integrations
APPROVED

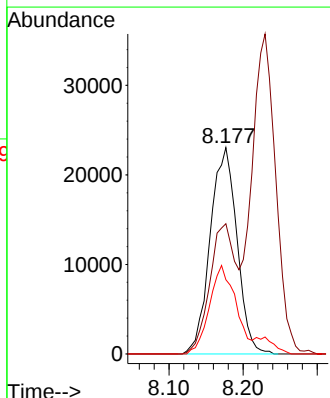
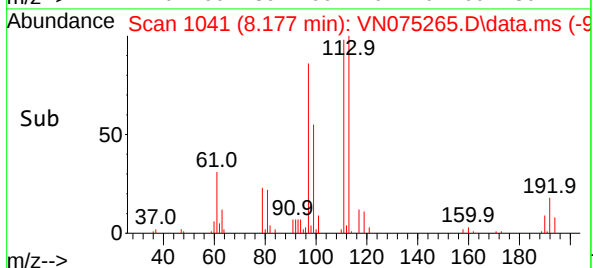
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

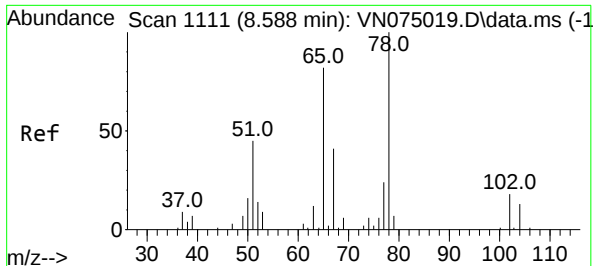


#32
1,1,1-Trichloroethane
Concen: 20.773 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



Tgt Ion: 97 Resp: 57881
Ion Ratio Lower Upper
97 100
99 61.2 50.2 75.2
61 42.3 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 44.428 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 65 Resp: 78289

Ion Ratio Lower Upper

65 100

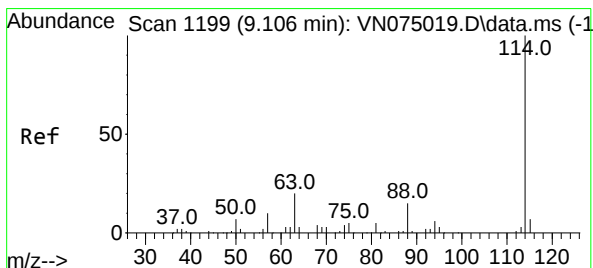
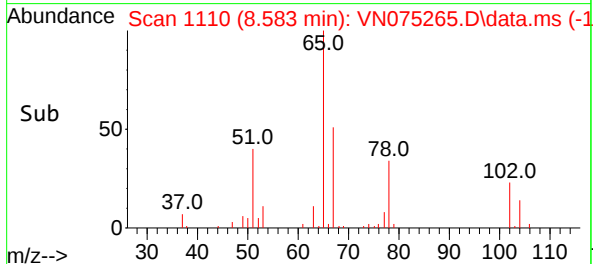
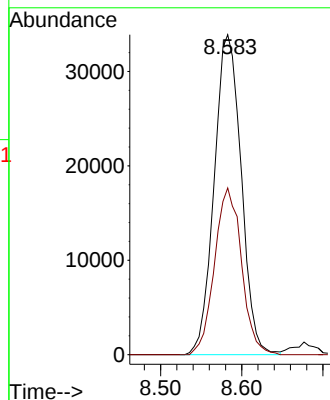
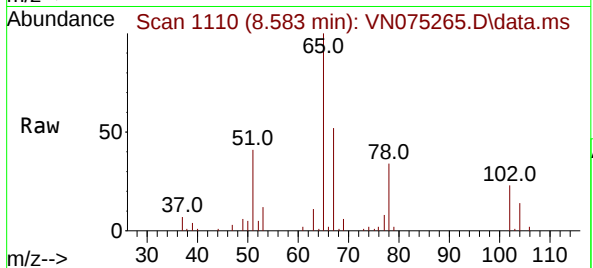
67 52.0 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

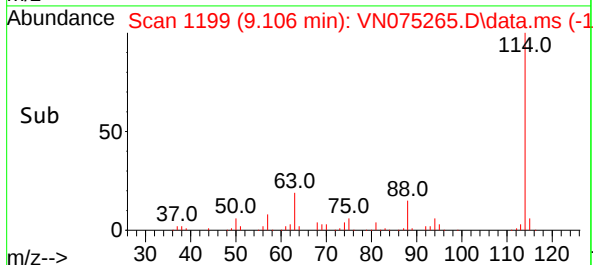
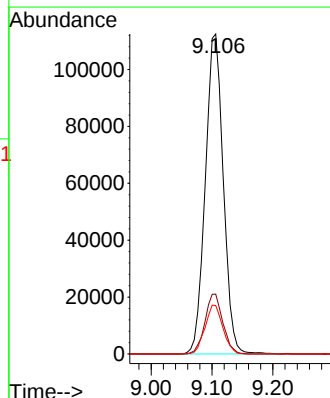
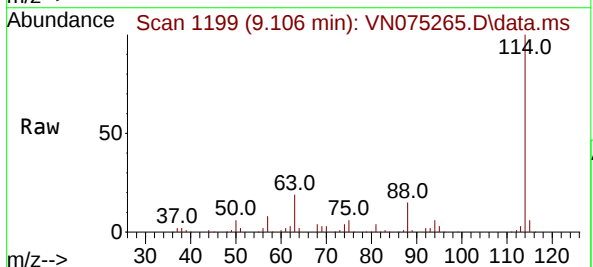
Tgt Ion:114 Resp: 230550

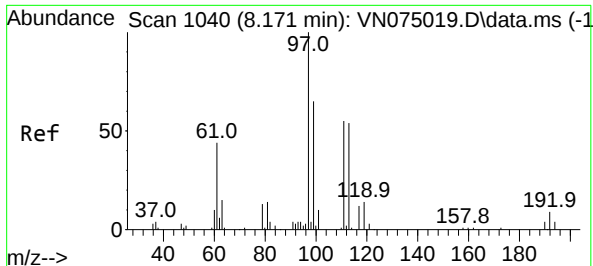
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

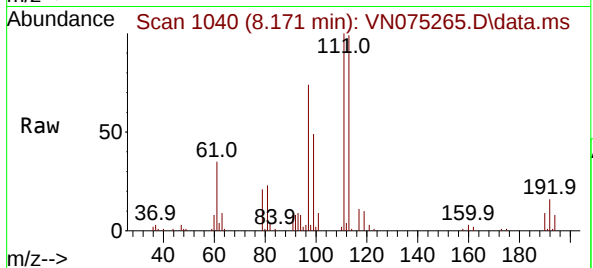
88 15.1 0.0 29.0





#35
Dibromofluoromethane
Concen: 50.335 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

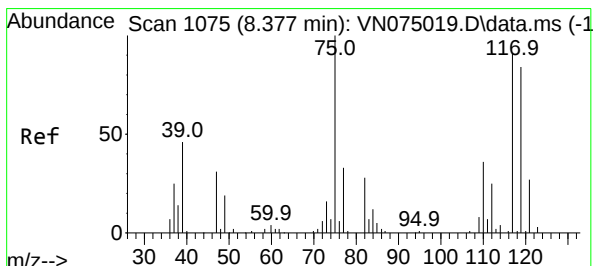
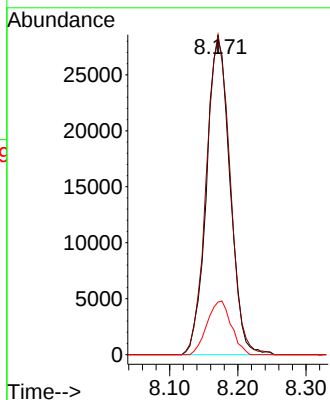
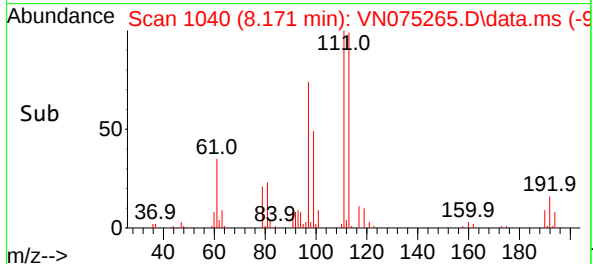
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



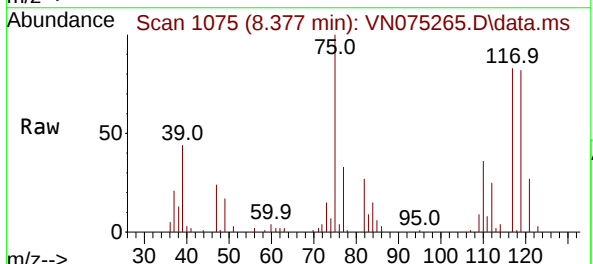
Tgt Ion:113 Resp: 68120
Ion Ratio Lower Upper
113 100
111 102.1 80.5 120.7
192 17.3 13.2 19.8

Manual Integrations
APPROVED

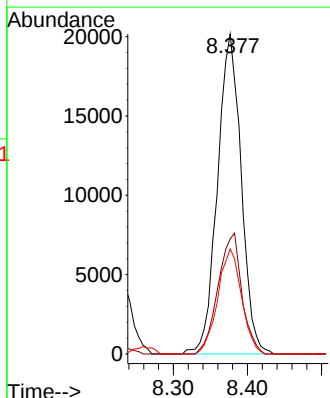
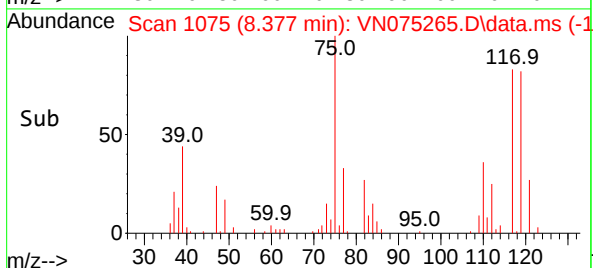
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

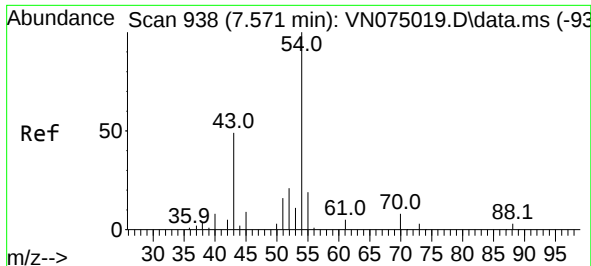


#36
1,1-Dichloropropene
Concen: 21.400 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



Tgt Ion: 75 Resp: 44840
Ion Ratio Lower Upper
75 100
110 37.6 17.8 53.3
77 32.7 24.6 37.0





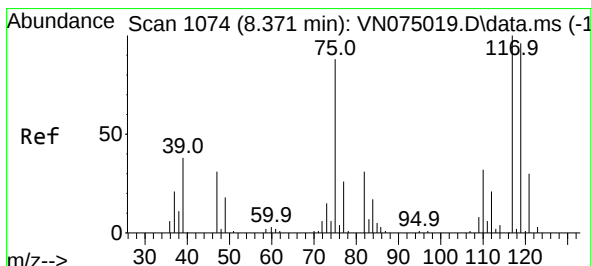
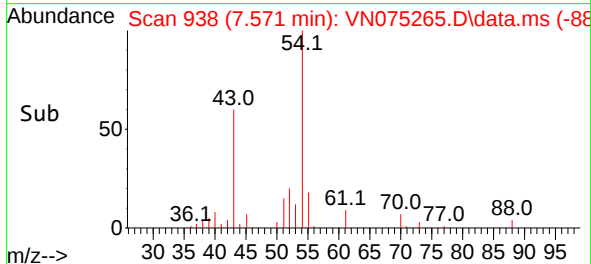
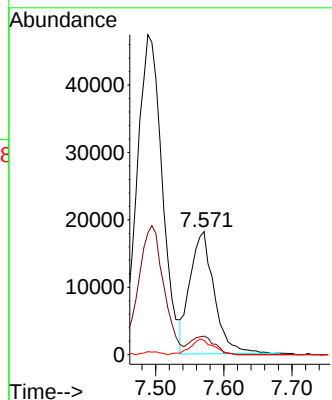
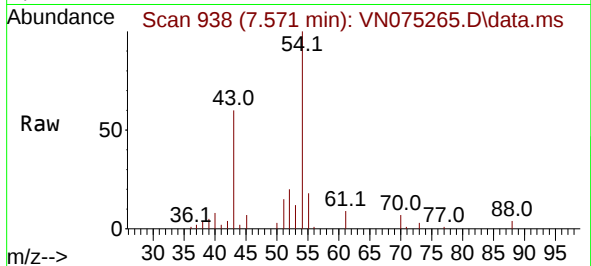
#37
Ethyl Acetate
Concen: 19.392 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 43 Resp: 4456
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.4
70 12.1 9.4 14.2

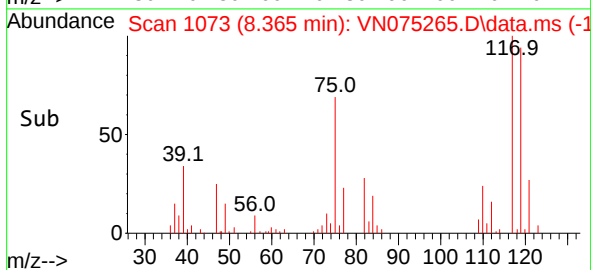
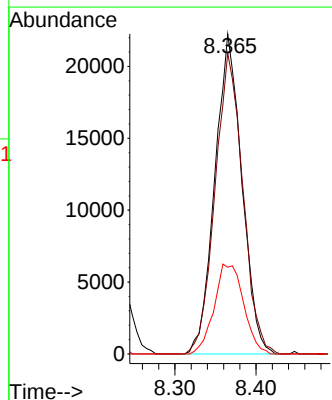
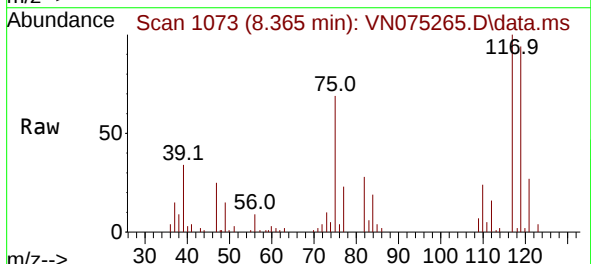
Manual Integrations
APPROVED

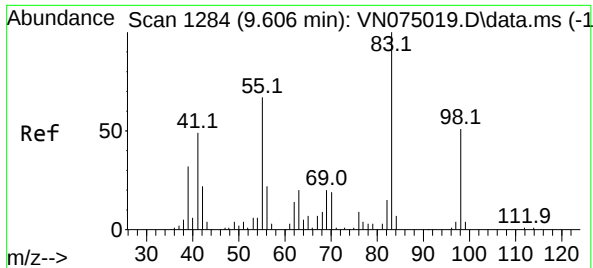
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#38
Carbon Tetrachloride
Concen: 22.293 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

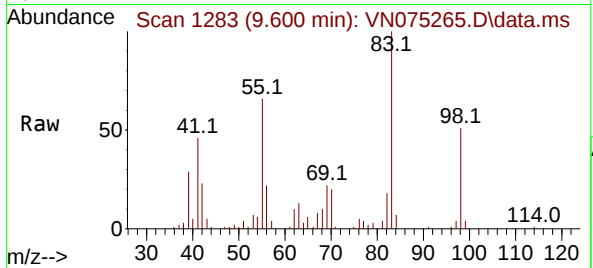
Tgt Ion:117 Resp: 51383
Ion Ratio Lower Upper
117 100
119 94.0 76.7 115.1
121 27.1 23.9 35.9





#39
Methylcyclohexane
Concen: 21.422 ug/l
RT: 9.600 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

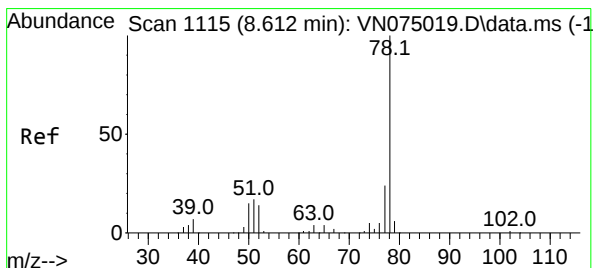
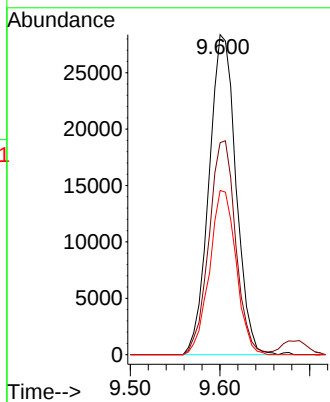
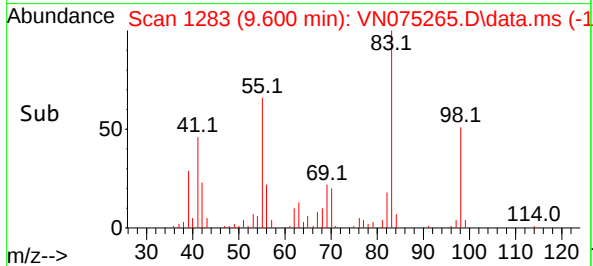
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 83 Resp: 59258
Ion Ratio Lower Upper
83 100
55 66.3 53.6 80.4
98 51.3 41.1 61.7

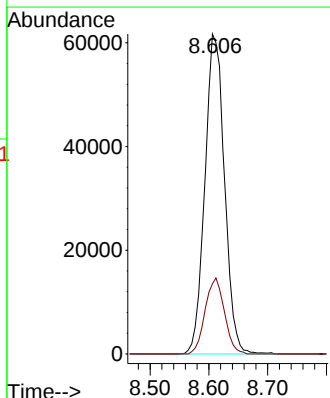
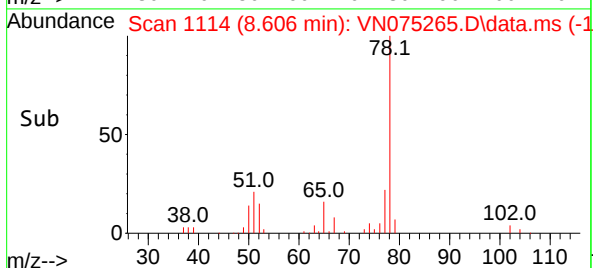
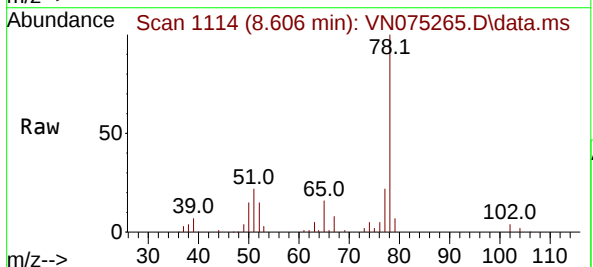
Manual Integrations
APPROVED

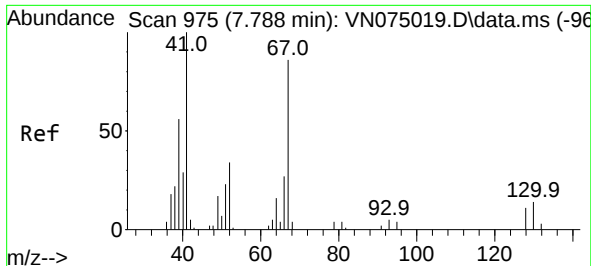
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#40
Benzene
Concen: 22.258 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 78 Resp: 142799
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0





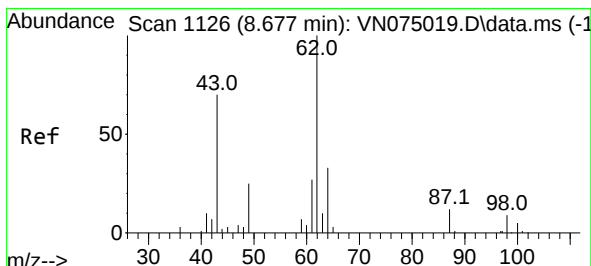
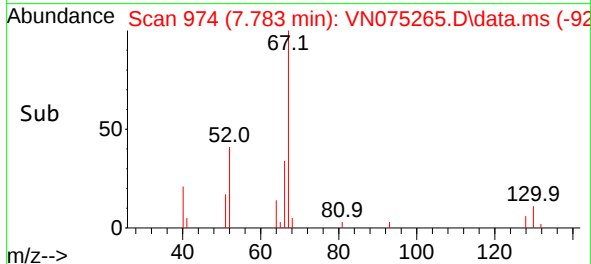
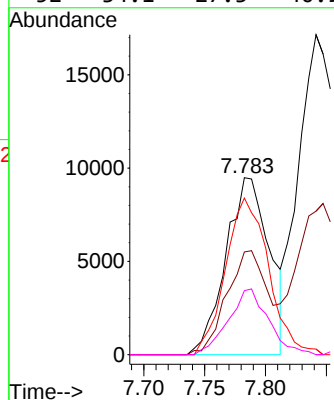
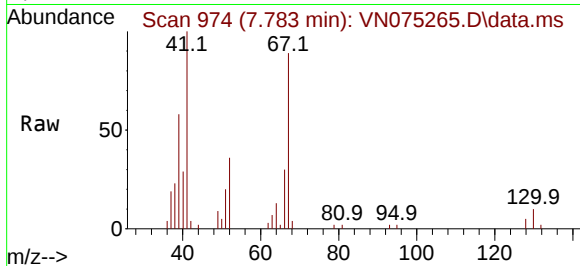
#41
Methacrylonitrile
Concen: 21.403 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 41 Resp: 2356
Ion Ratio Lower Upper
41 100
39 53.1 44.4 66.6
67 87.8 69.8 104.6
52 34.1 27.3 40.9

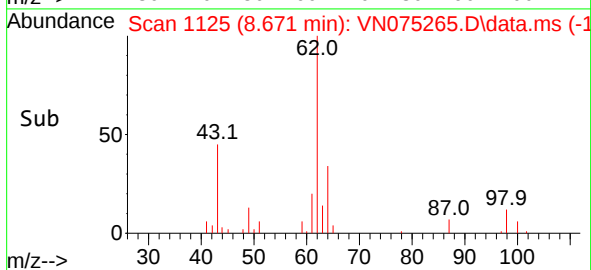
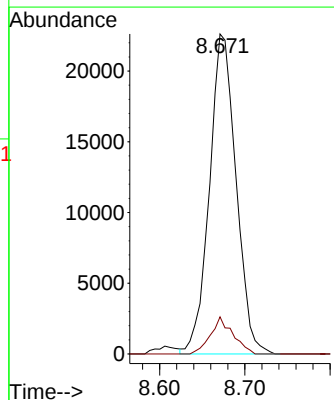
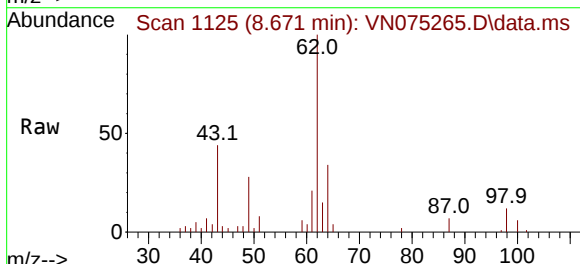
Manual Integrations
APPROVED

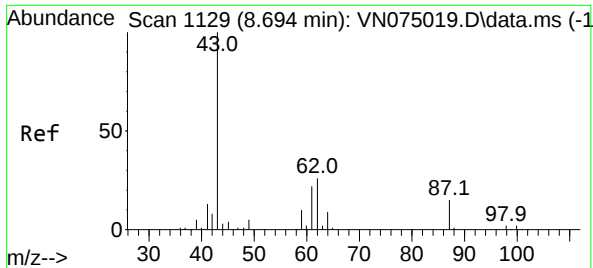
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#42
1,2-Dichloroethane
Concen: 21.044 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 62 Resp: 49119
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.2





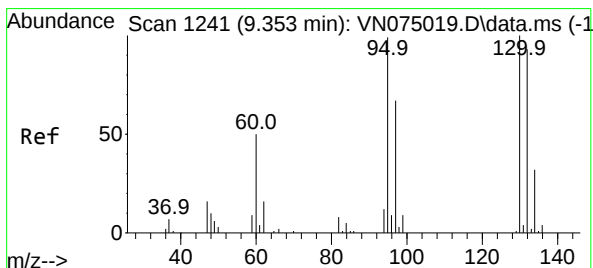
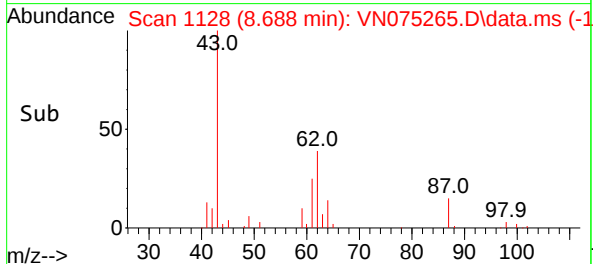
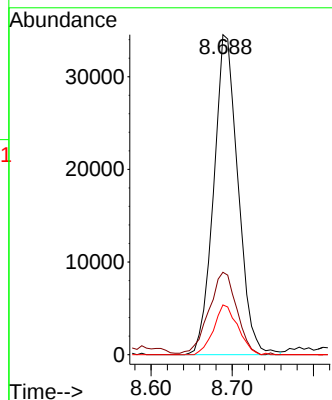
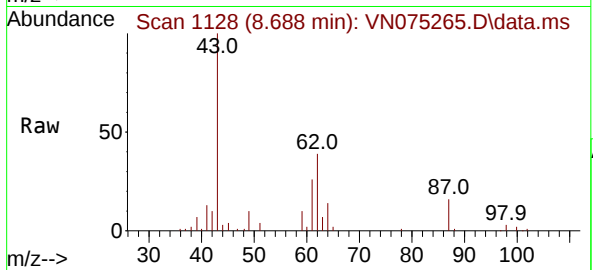
#43
Isopropyl Acetate
Concen: 20.169 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 43 Resp: 71890
Ion Ratio Lower Upper
43 100
61 29.5 22.4 33.6
87 15.5 12.5 18.7

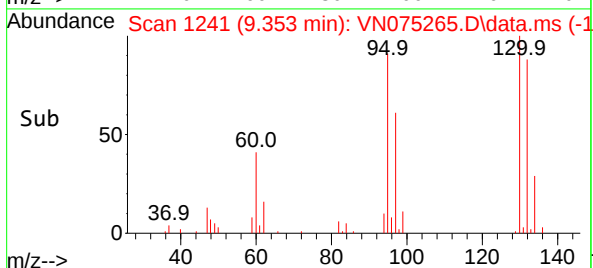
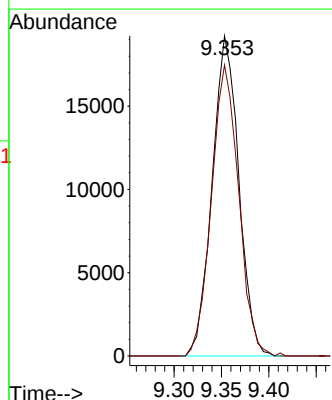
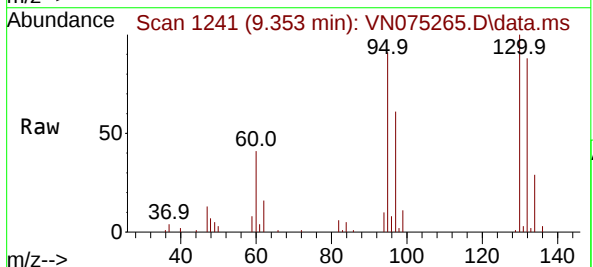
Manual Integrations
APPROVED

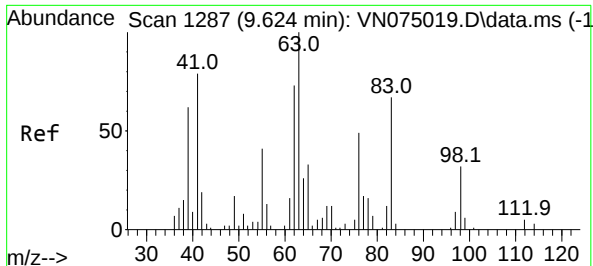
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#44
Trichloroethene
Concen: 23.397 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion:130 Resp: 37661
Ion Ratio Lower Upper
130 100
95 91.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 22.276 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 63 Resp: 3401

Ion Ratio Lower Upper

63 100

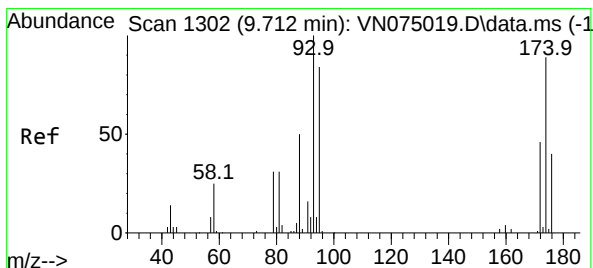
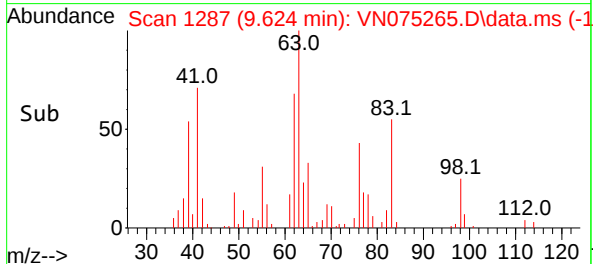
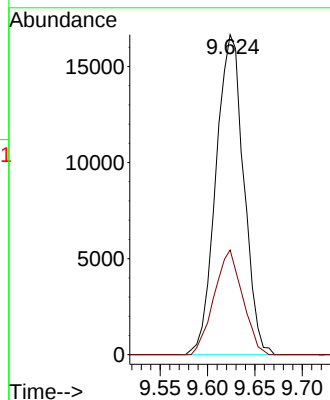
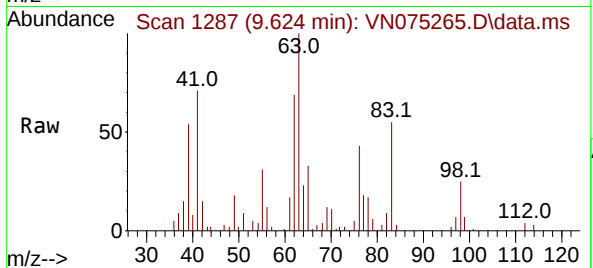
65 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#46

Dibromomethane

Concen: 21.505 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

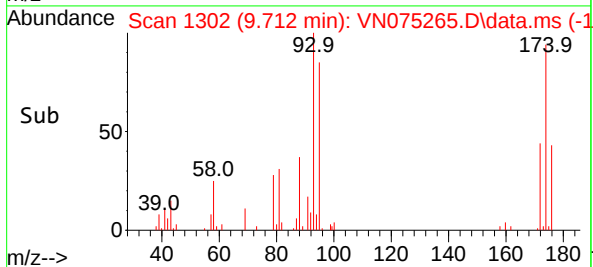
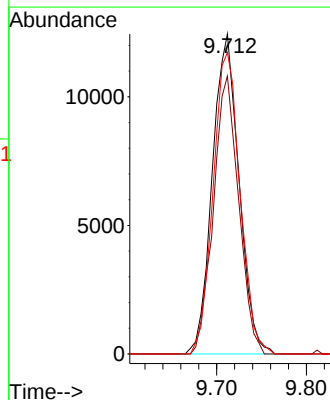
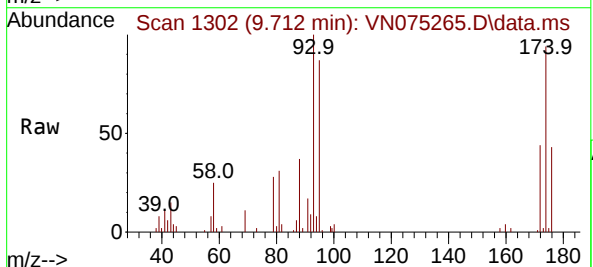
Tgt Ion: 93 Resp: 25581

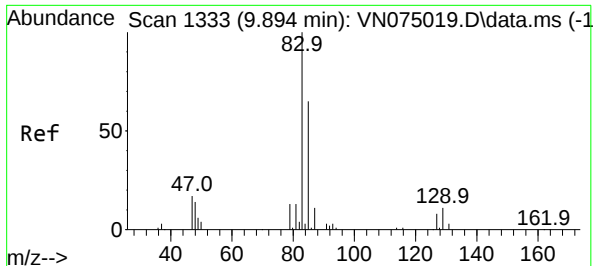
Ion Ratio Lower Upper

93 100

95 82.5 66.6 99.8

174 95.4 70.3 105.5





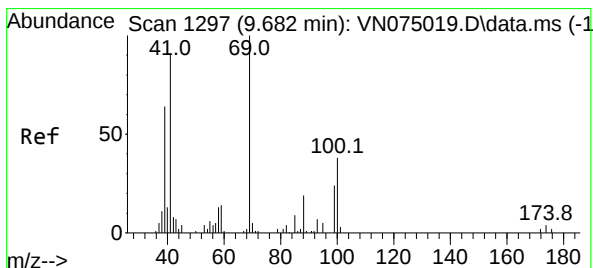
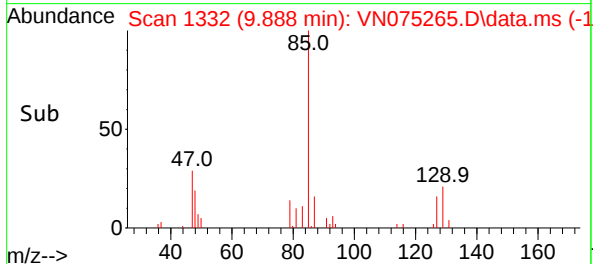
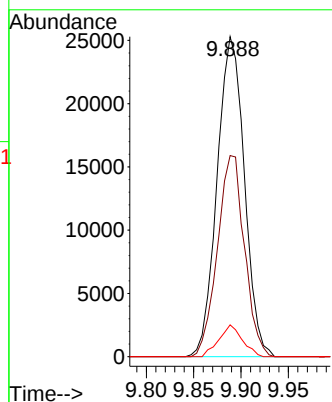
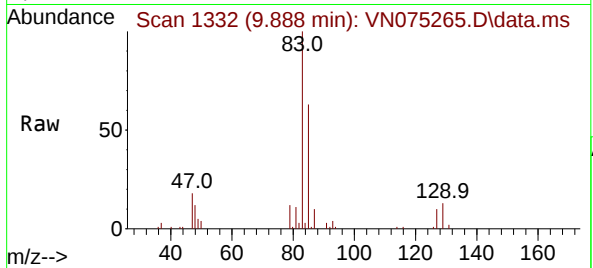
#47
Bromodichloromethane
Concen: 21.990 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 83 Resp: 50650
Ion Ratio Lower Upper
83 100
85 62.8 52.1 78.1
127 10.0 6.6 10.0

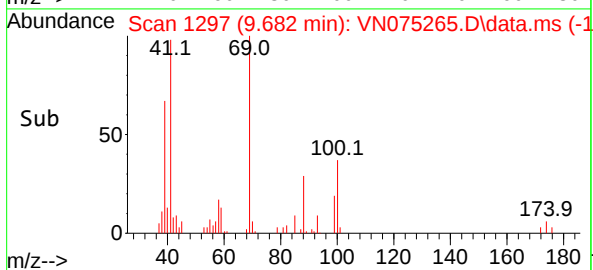
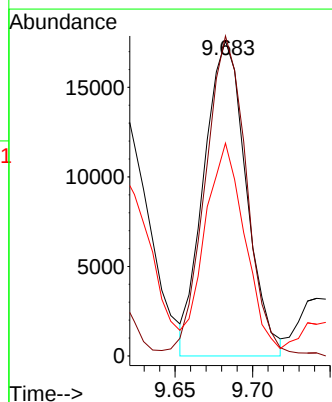
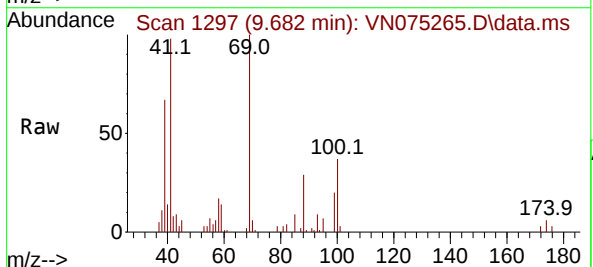
Manual Integrations
APPROVED

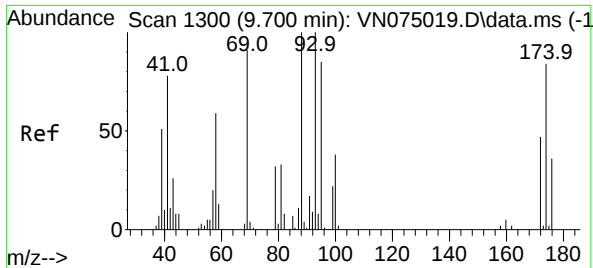
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#48
Methyl methacrylate
Concen: 20.393 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 41 Resp: 33344
Ion Ratio Lower Upper
41 100
69 99.6 80.2 120.2
39 64.9 56.2 84.2





#49

1,4-Dioxane

Concen: 435.143 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 88 Resp: 1863

Ion Ratio Lower Upper

88 100

43 27.2 17.5 26.3

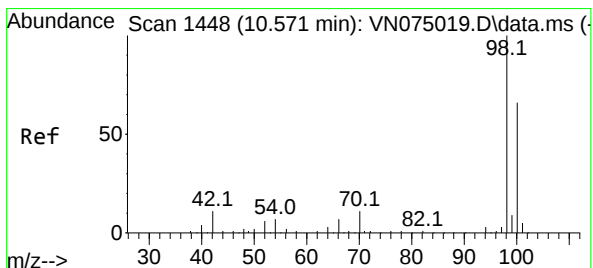
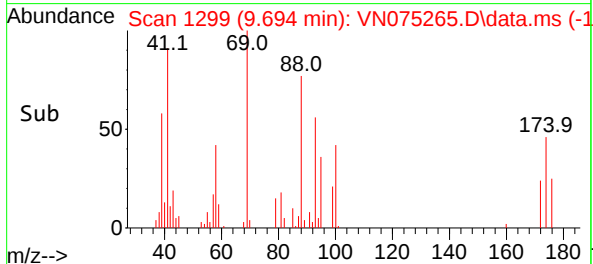
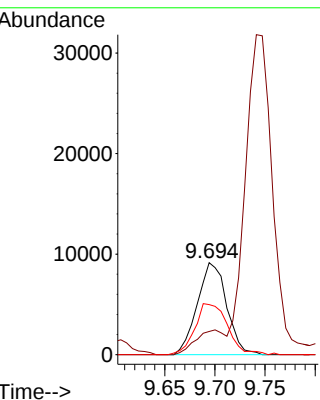
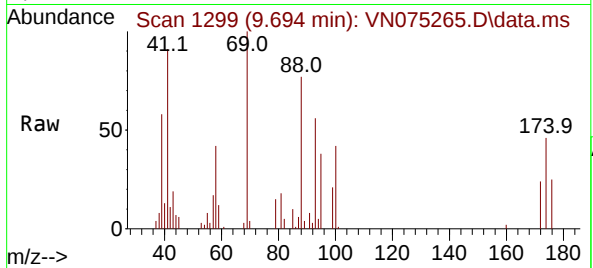
58 61.9 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#50

Toluene-d8

Concen: 46.023 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075265.D

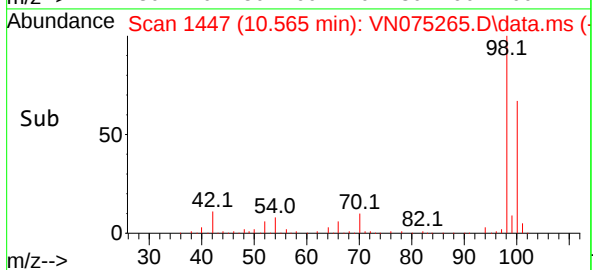
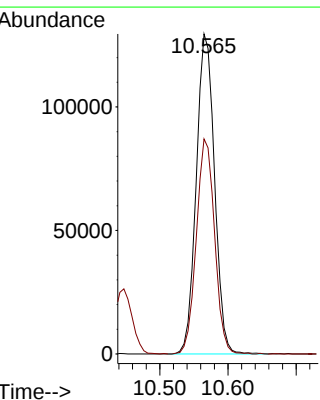
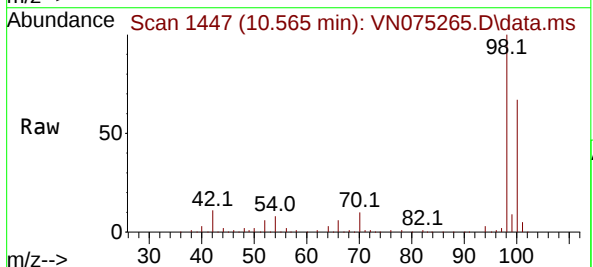
Acq: 14 Nov 2022 15:04

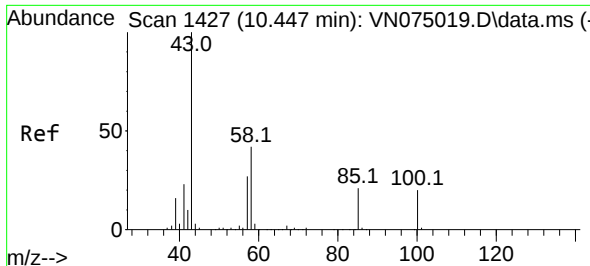
Tgt Ion: 98 Resp: 241667

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.6





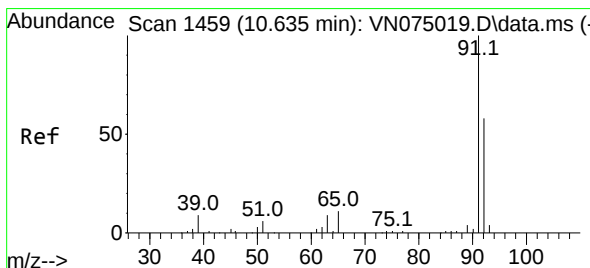
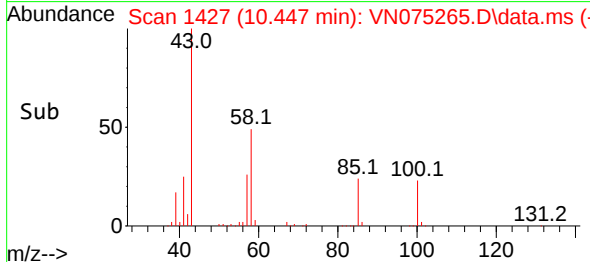
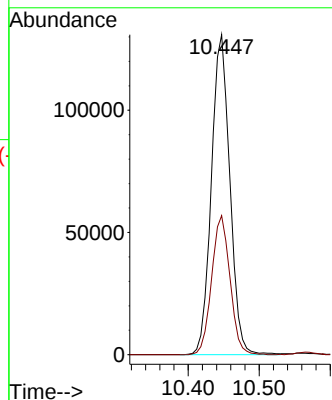
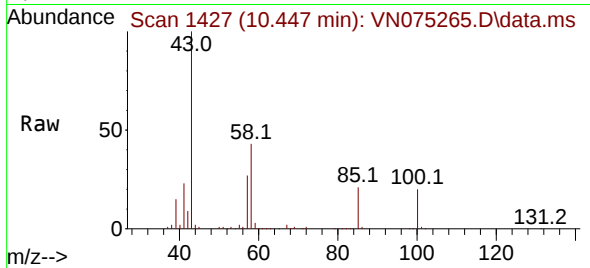
#51
4-Methyl-2-Pentanone
Concen: 102.723 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 43 Resp: 23627
Ion Ratio Lower Upper
43 100
58 43.2 33.6 50.4

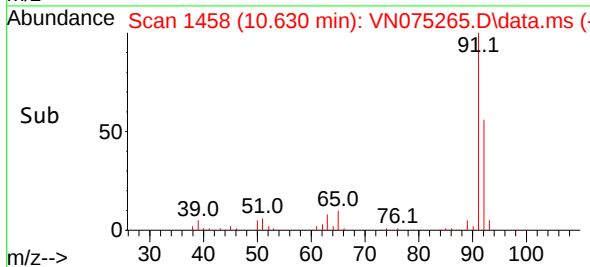
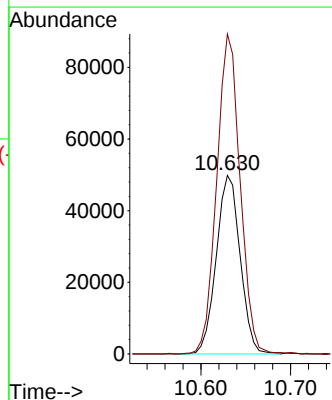
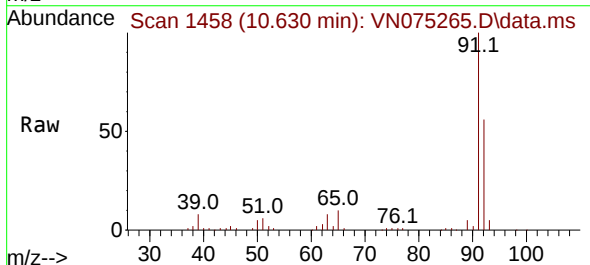
Manual Integrations
APPROVED

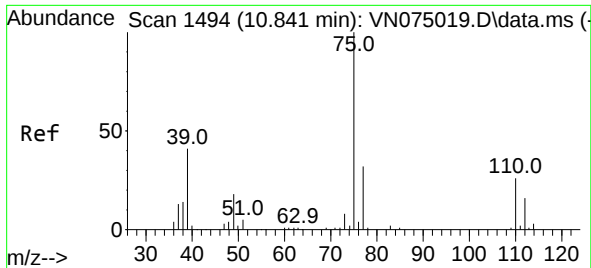
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#52
Toluene
Concen: 21.435 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.005 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

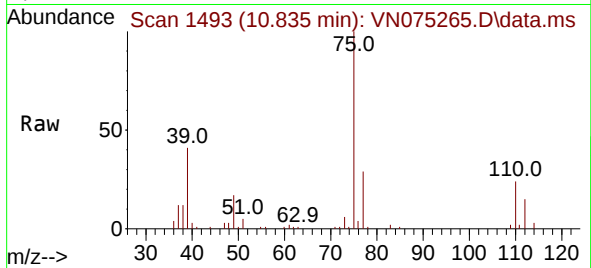
Tgt Ion: 92 Resp: 91929
Ion Ratio Lower Upper
92 100
91 176.3 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 21.529 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075265.D
 Acq: 14 Nov 2022 15:04

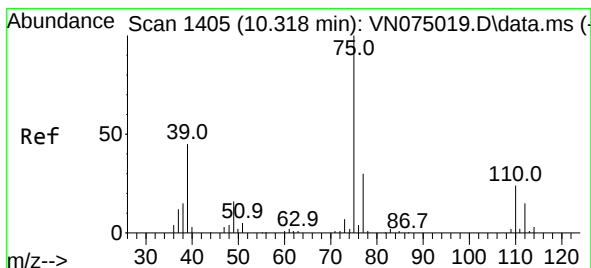
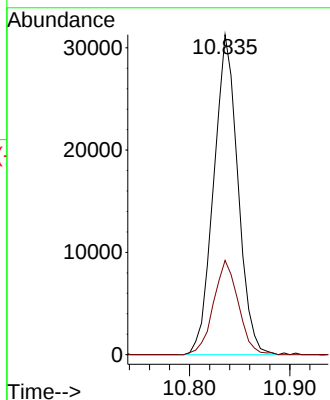
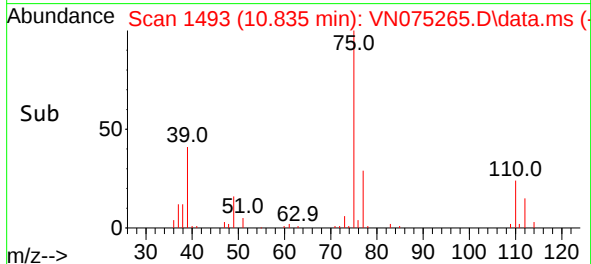
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01



Tgt Ion: 75 Resp: 52340
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.4 38.2

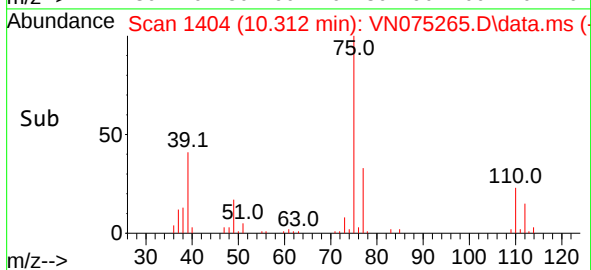
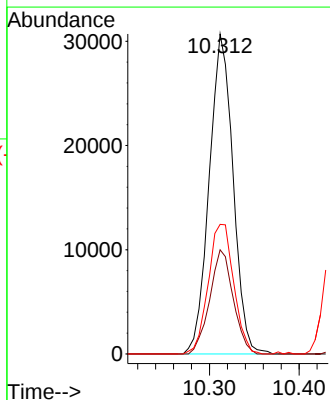
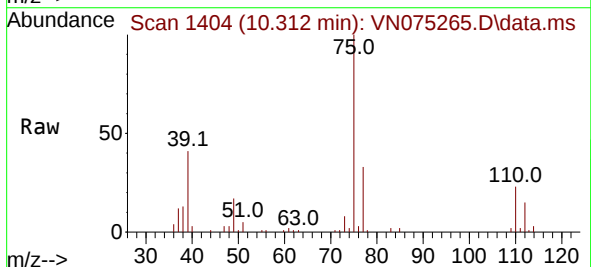
Manual Integrations
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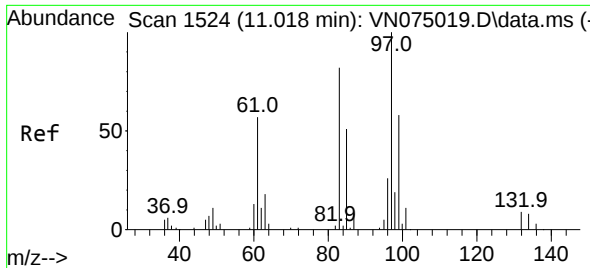
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 21.942 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075265.D
 Acq: 14 Nov 2022 15:04

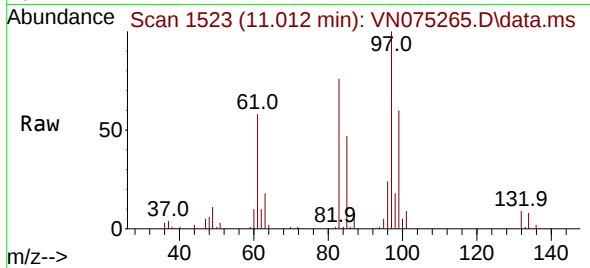
Tgt Ion: 75 Resp: 56586
 Ion Ratio Lower Upper
 75 100
 77 32.5 23.7 35.5
 39 40.5 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 22.016 ug/l
RT: 11.012 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

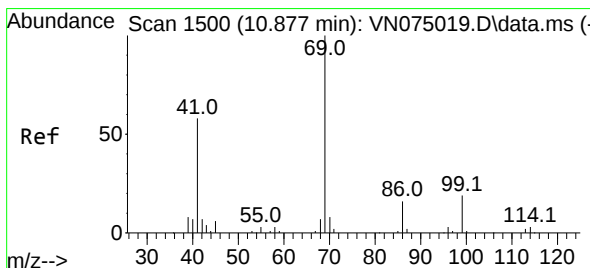
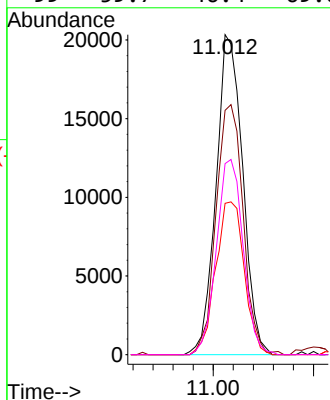
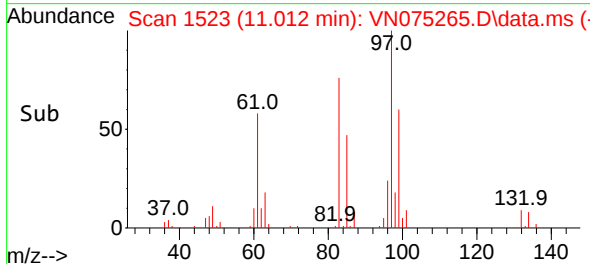


Tgt Ion: 97 Resp: 37439

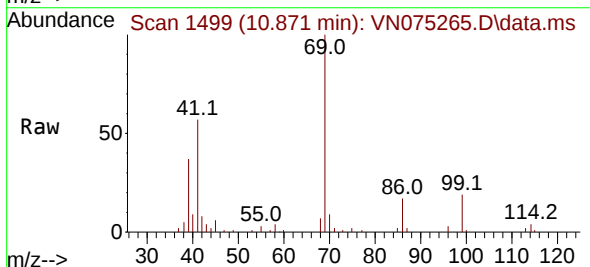
Ion	Ratio	Lower	Upper
97	100		
83	76.3	65.9	98.9
85	47.3	40.4	60.6
99	59.7	46.4	69.6

Manual Integrations
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Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

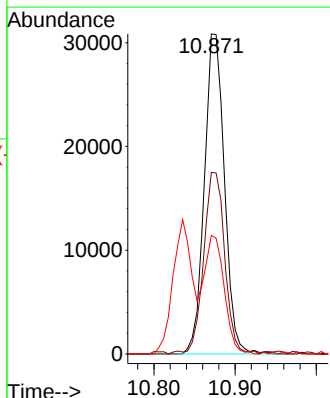
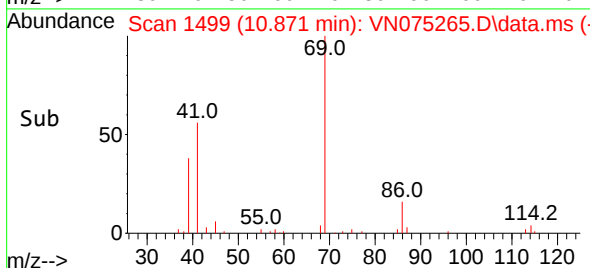


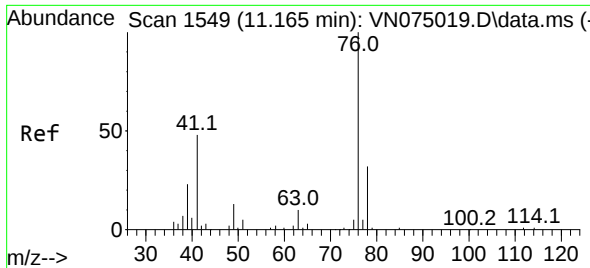
#56
Ethyl methacrylate
Concen: 20.435 ug/l
RT: 10.871 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



Tgt Ion: 69 Resp: 53007

Ion	Ratio	Lower	Upper
69	100		
41	59.7	45.6	68.4
39	37.5	28.5	42.7





#57

1,3-Dichloropropane

Concen: 21.360 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 76 Resp: 60489

Ion Ratio Lower Upper

76 100

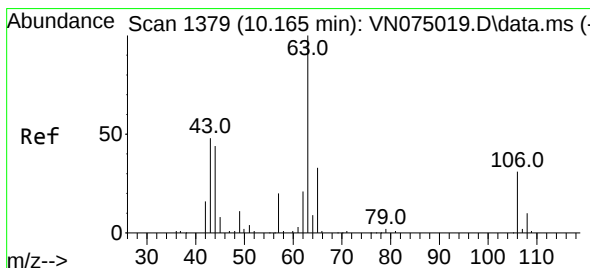
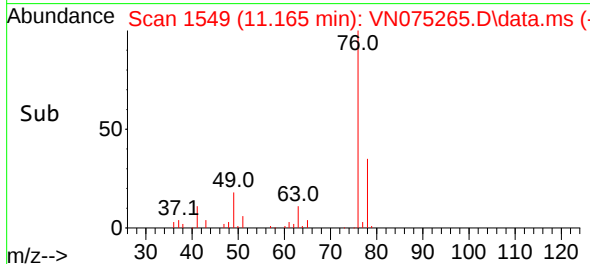
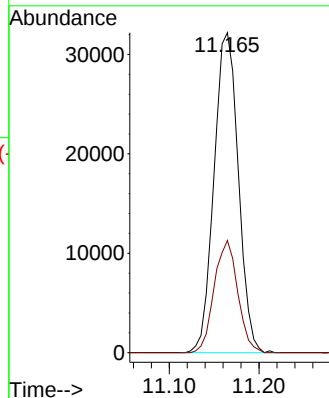
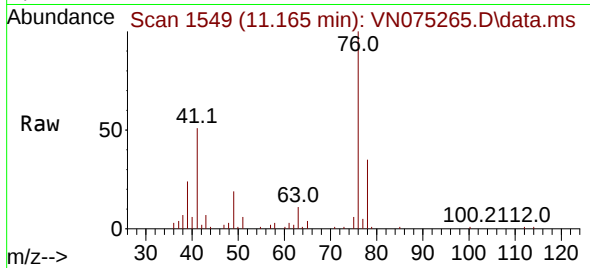
78 34.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 103.185 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075265.D

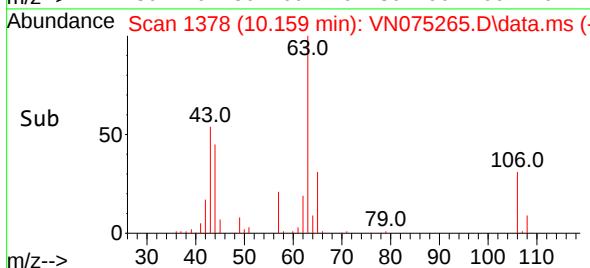
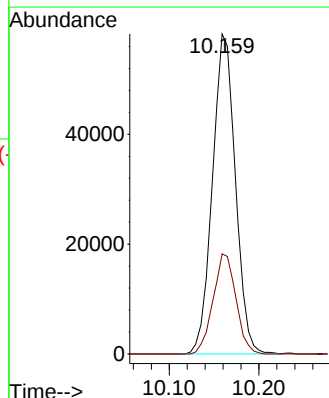
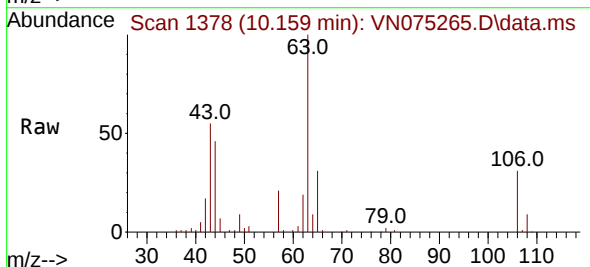
Acq: 14 Nov 2022 15:04

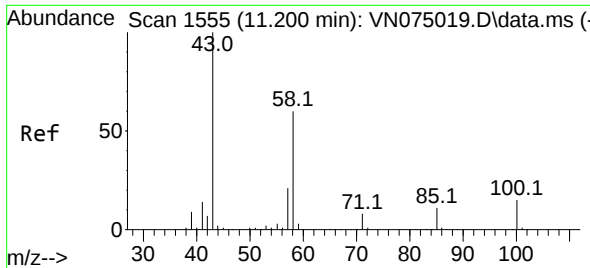
Tgt Ion: 63 Resp: 103474

Ion Ratio Lower Upper

63 100

106 31.1 24.8 37.2





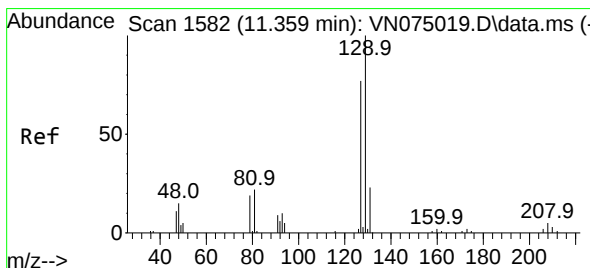
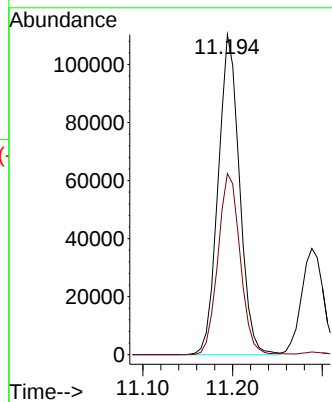
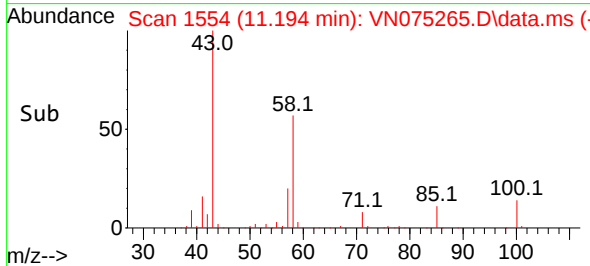
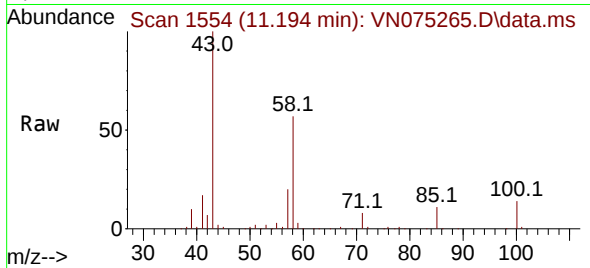
#59
2-Hexanone
Concen: 104.246 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 43 Resp: 18198
Ion Ratio Lower Upper
43 100
58 58.9 29.6 88.8

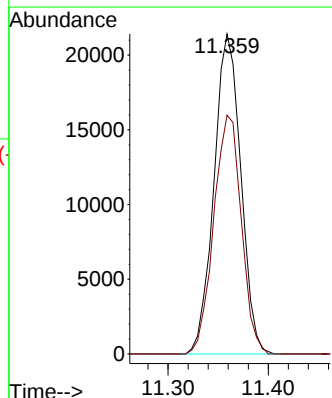
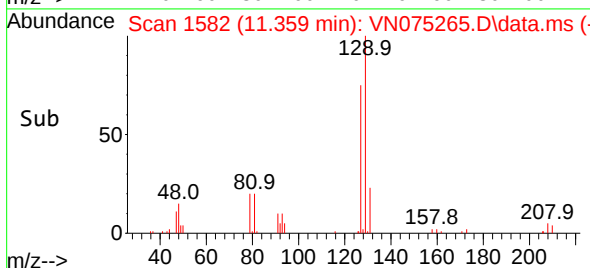
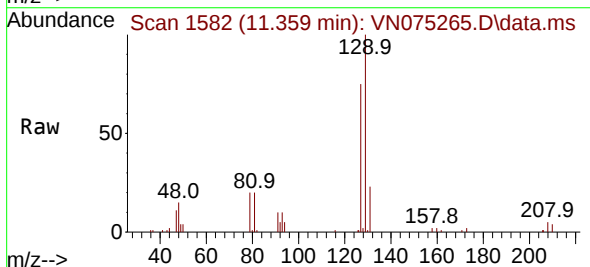
Manual Integrations
APPROVED

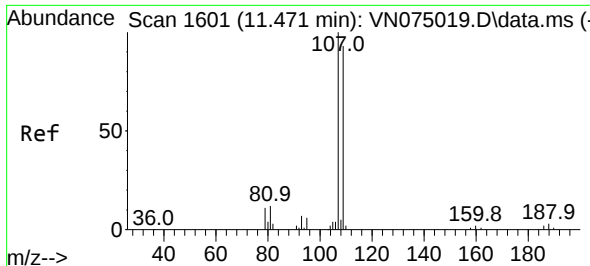
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#60
Dibromochloromethane
Concen: 22.194 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

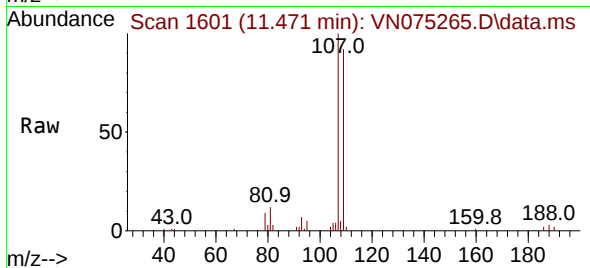
Tgt Ion:129 Resp: 39819
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.906 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

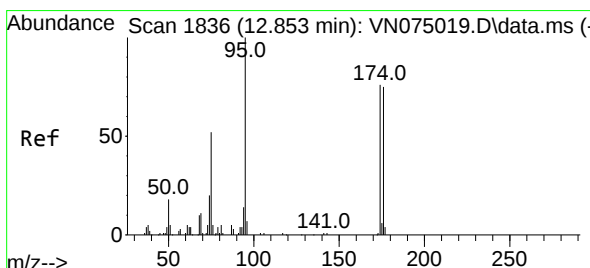
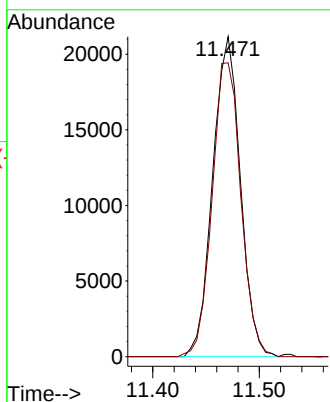
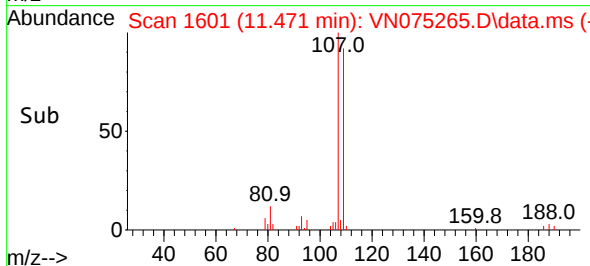
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



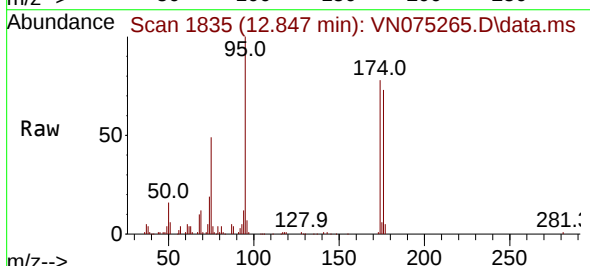
Tgt Ion:107 Resp: 38170
Ion Ratio Lower Upper
107 100
109 95.7 75.6 113.4

Manual Integrations
APPROVED

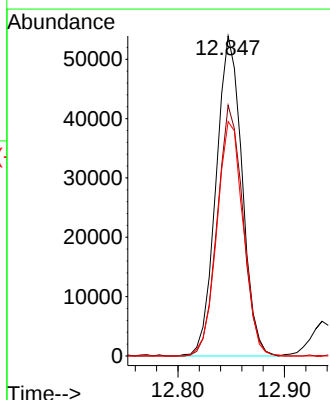
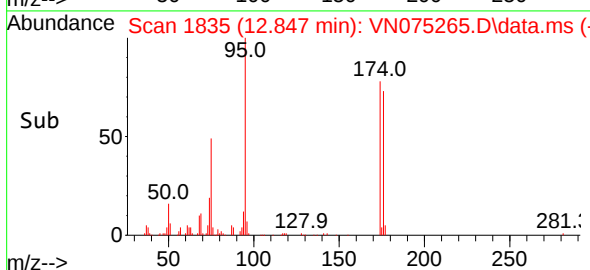
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

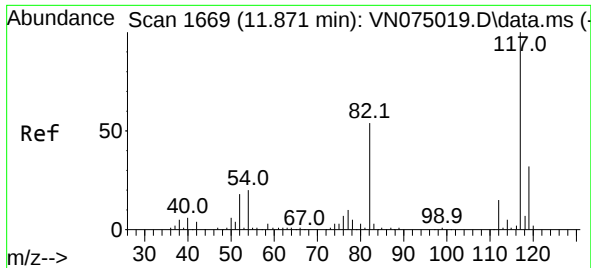


#62
4-Bromofluorobenzene
Concen: 49.507 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



Tgt Ion: 95 Resp: 91320
Ion Ratio Lower Upper
95 100
174 77.2 0.0 147.4
176 74.6 0.0 142.2





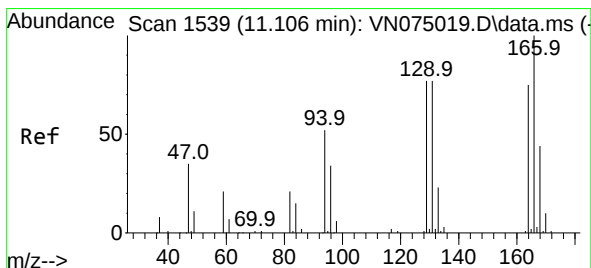
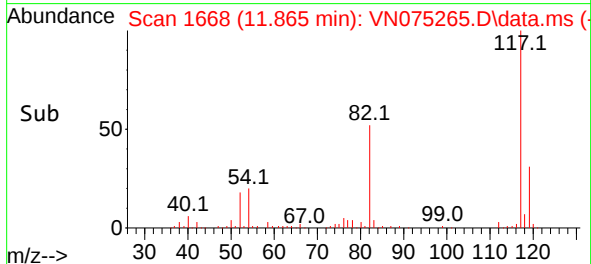
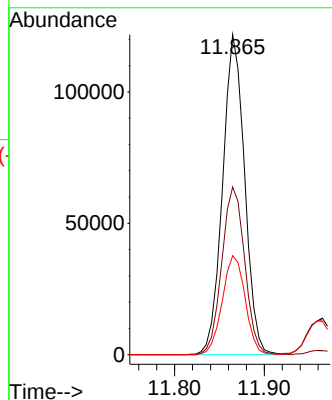
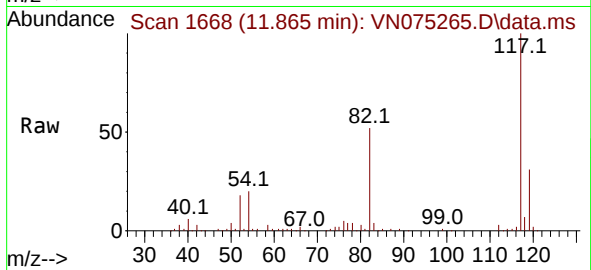
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:117 Resp: 207440
Ion Ratio Lower Upper
117 100
82 52.4 43.1 64.7
119 30.9 25.5 38.3

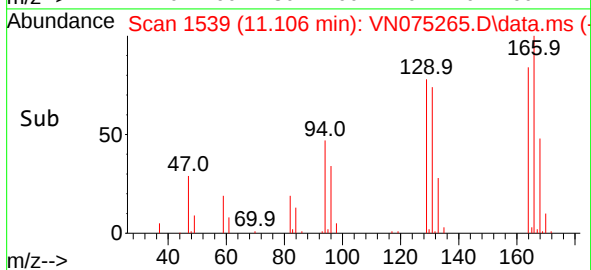
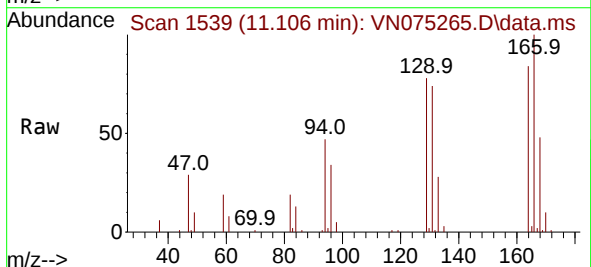
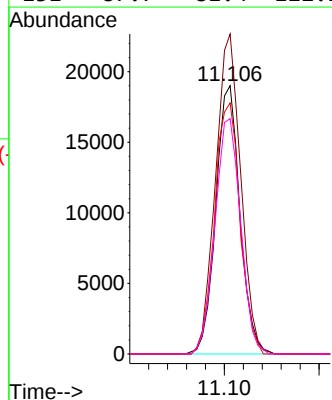
Manual Integrations
APPROVED

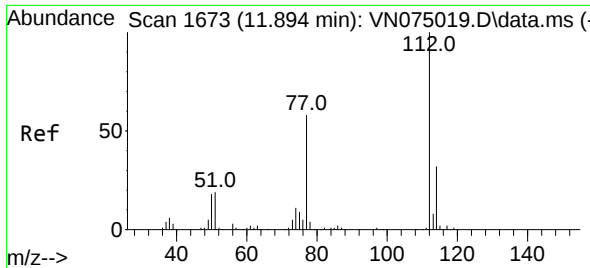
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#64
Tetrachloroethene
Concen: 26.408 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion:164 Resp: 33585
Ion Ratio Lower Upper
164 100
166 119.3 106.5 159.7
129 93.6 81.9 122.9
131 87.7 81.4 122.2





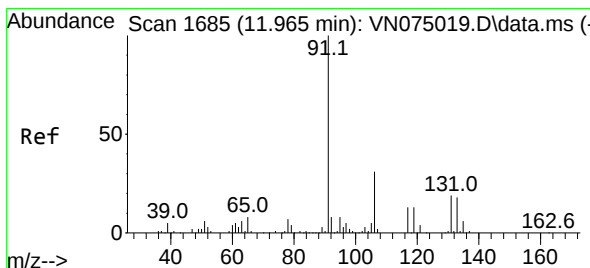
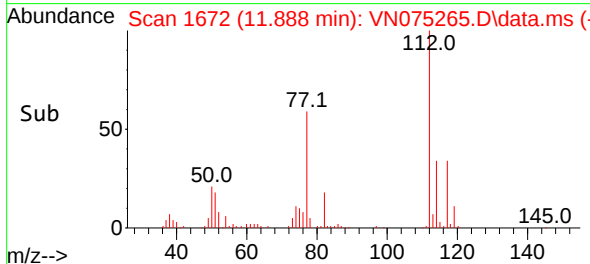
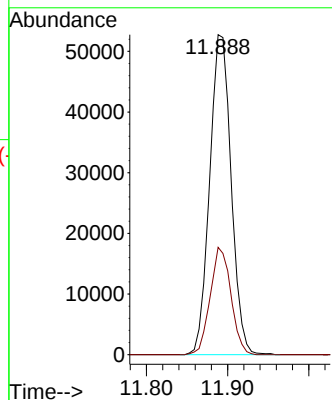
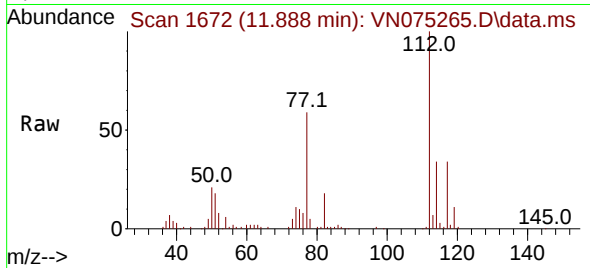
#65
Chlorobenzene
Concen: 21.888 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:112 Resp: 96918
Ion Ratio Lower Upper
112 100
114 33.6 25.4 38.2

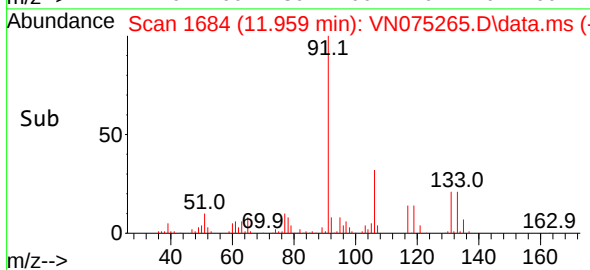
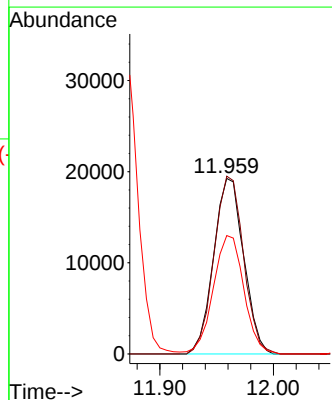
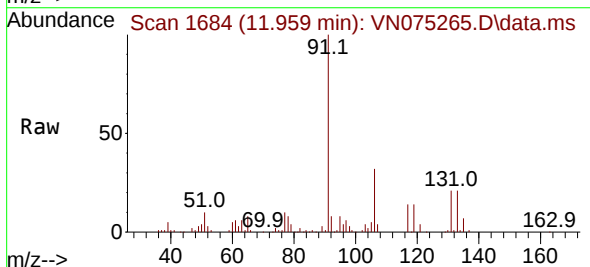
Manual Integrations
APPROVED

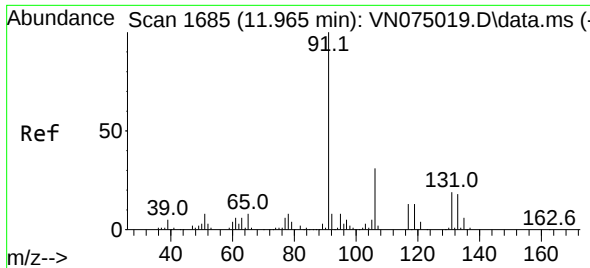
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.595 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

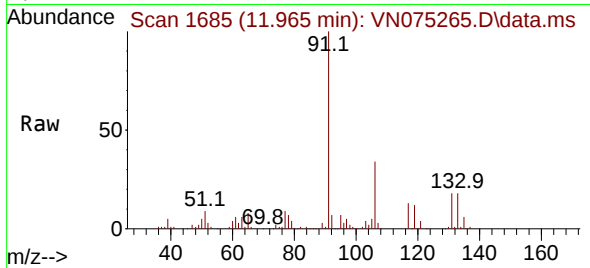
Tgt Ion:131 Resp: 35471
Ion Ratio Lower Upper
131 100
133 99.2 47.8 143.4
119 68.5 33.0 99.0





#67
Ethyl Benzene
Concen: 22.109 ug/l
RT: 11.965 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

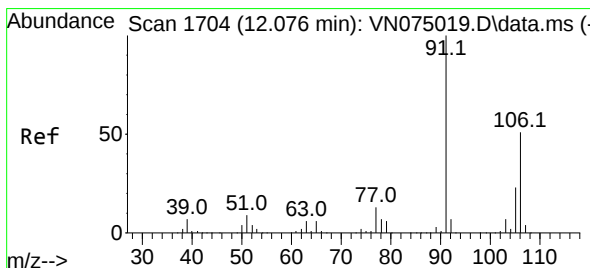
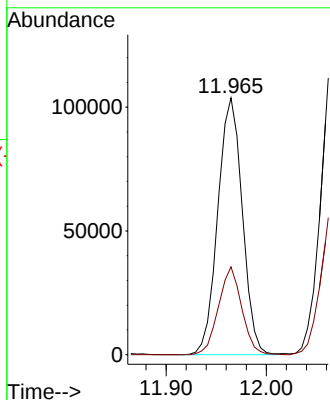
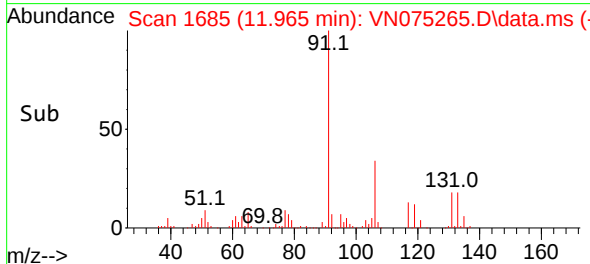
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



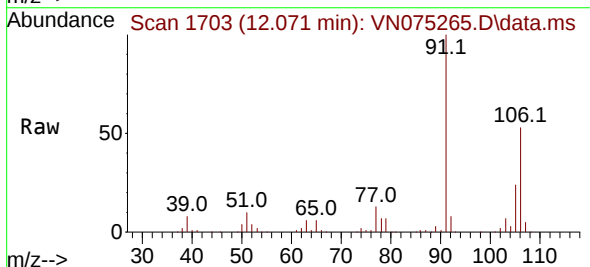
Tgt Ion: 91 Resp: 176128
Ion Ratio Lower Upper
91 100
106 34.2 24.9 37.3

Manual Integrations
APPROVED

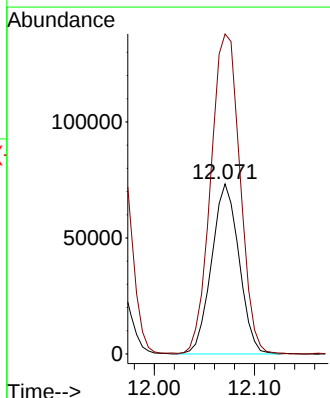
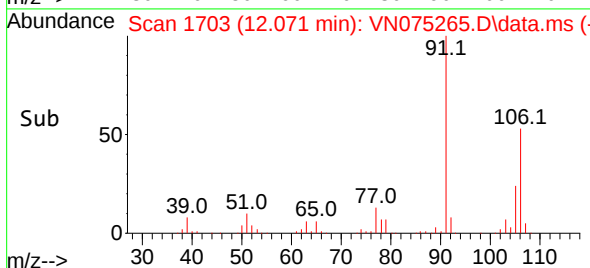
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

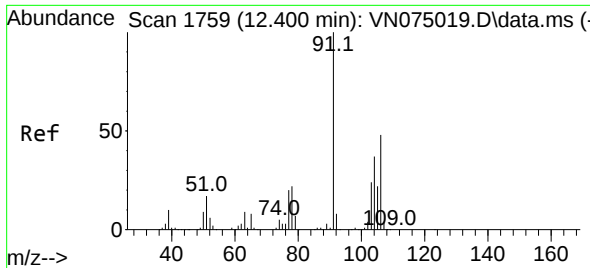


#68
m/p-Xylenes
Concen: 43.551 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



Tgt Ion:106 Resp: 139211
Ion Ratio Lower Upper
106 100
91 200.8 156.0 234.0





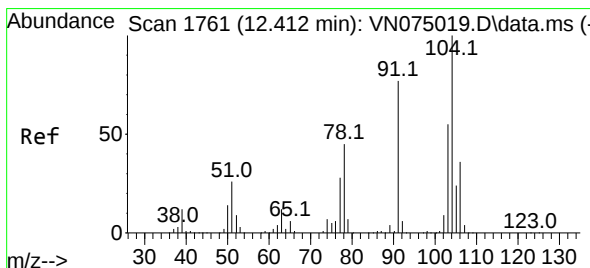
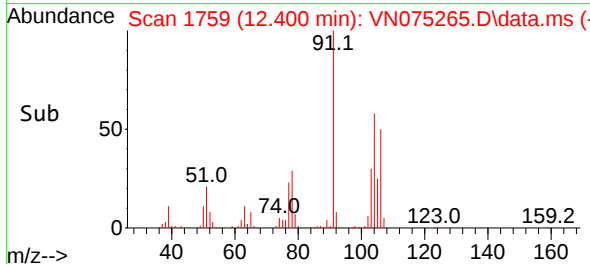
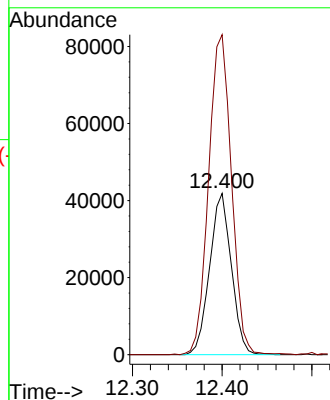
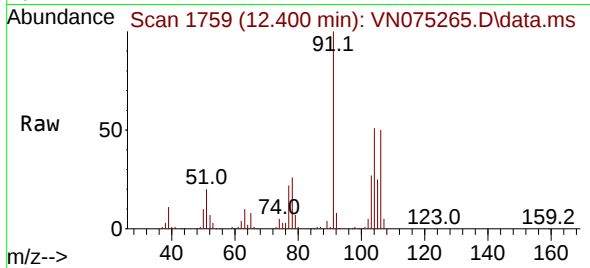
#69
o-Xylene
Concen: 22.276 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:106 Resp: 70419
Ion Ratio Lower Upper
106 100
91 208.1 105.2 315.5

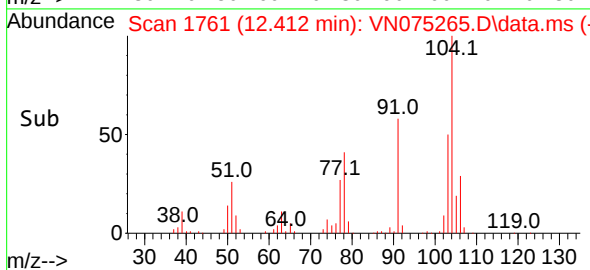
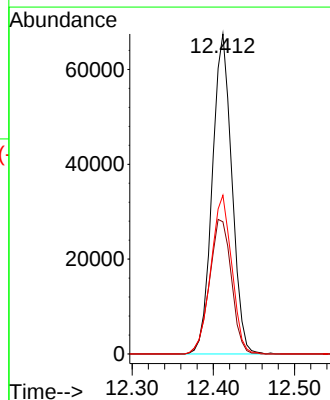
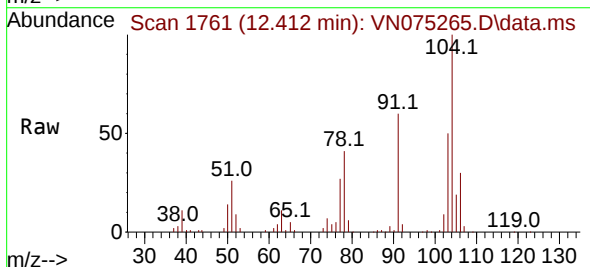
Manual Integrations
APPROVED

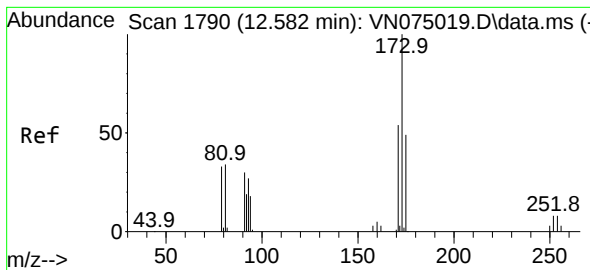
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#70
Styrene
Concen: 22.437 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion:104 Resp: 113093
Ion Ratio Lower Upper
104 100
78 47.0 38.1 57.1
103 53.1 44.6 66.8





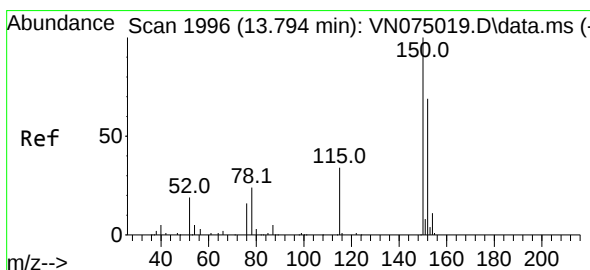
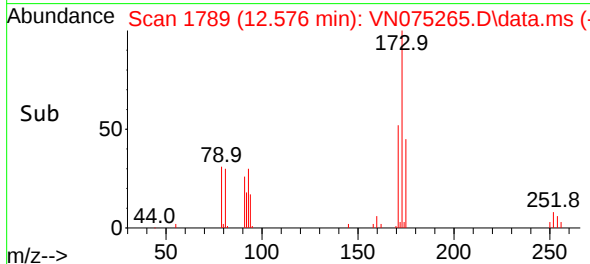
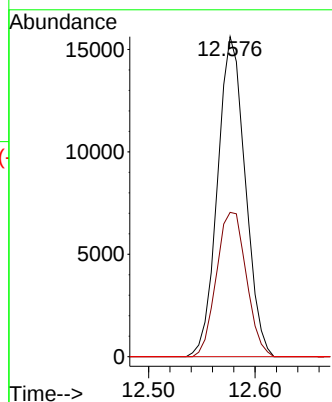
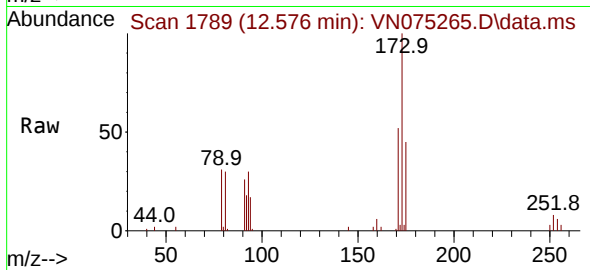
#71
Bromoform
Concen: 22.950 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:173 Resp: 2822
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.0 0.0 0.0

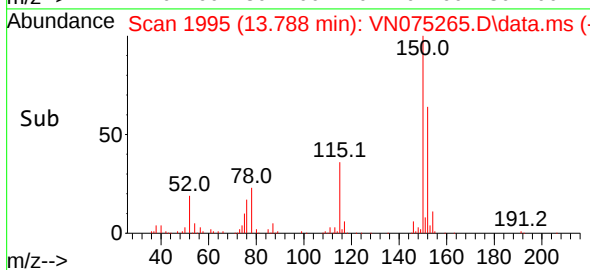
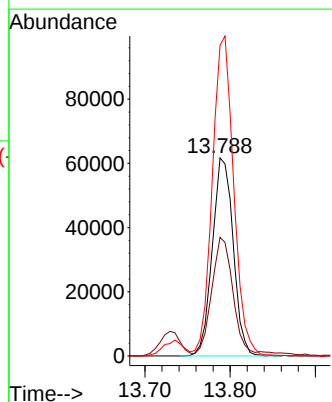
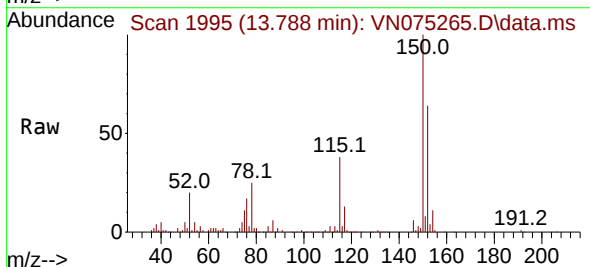
Manual Integrations
APPROVED

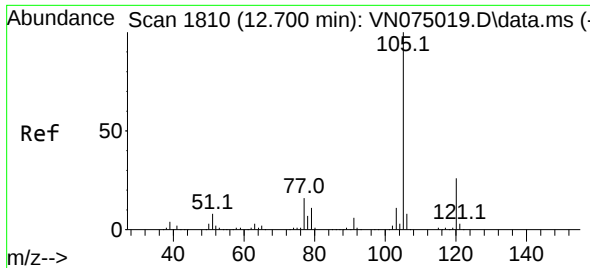
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion:152 Resp: 105133
Ion Ratio Lower Upper
152 100
115 62.9 30.2 90.6
150 165.6 0.0 348.4





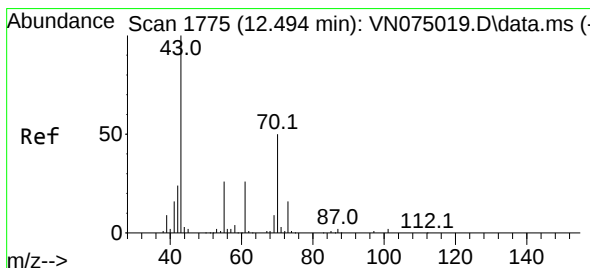
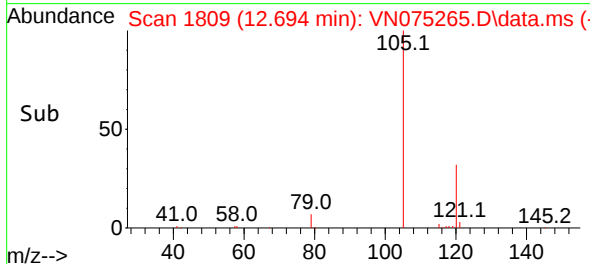
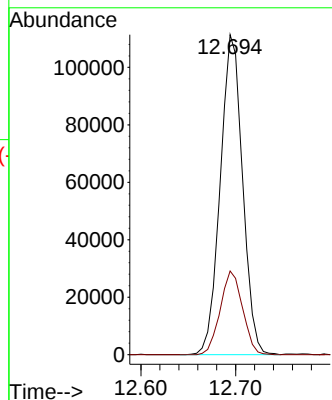
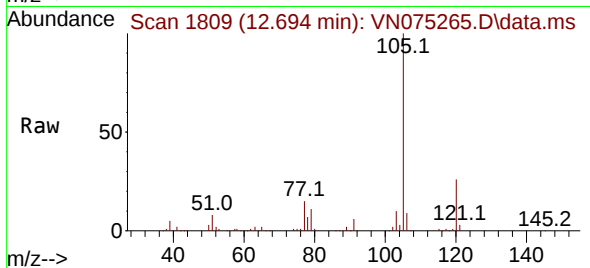
#73
Isopropylbenzene
Concen: 21.591 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:105 Resp: 182230
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

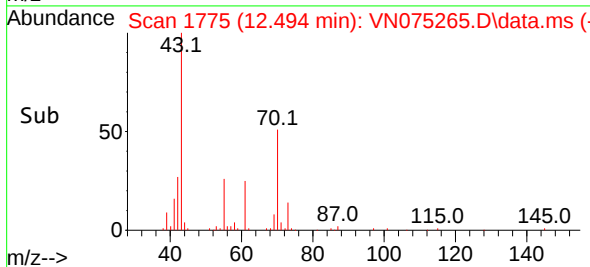
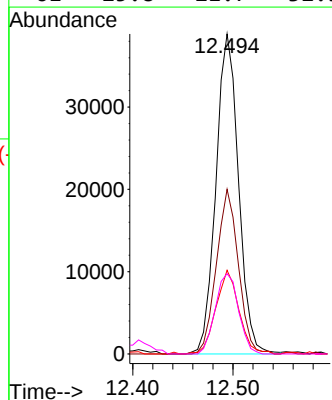
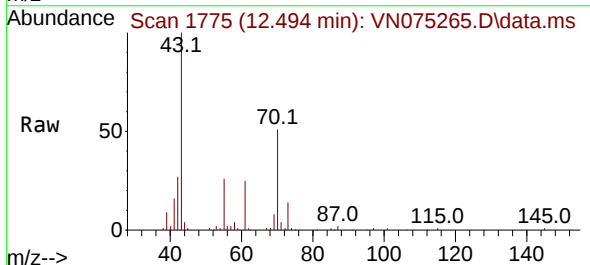
Manual Integrations
APPROVED

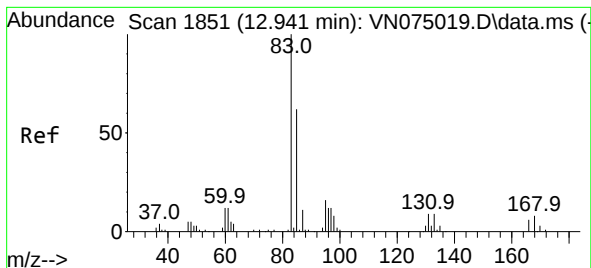
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#74
N-ethyl acetate
Concen: 19.432 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 43 Resp: 60659
Ion Ratio Lower Upper
43 100
70 50.0 39.8 59.8
55 26.7 19.9 29.9
61 25.8 21.7 32.5





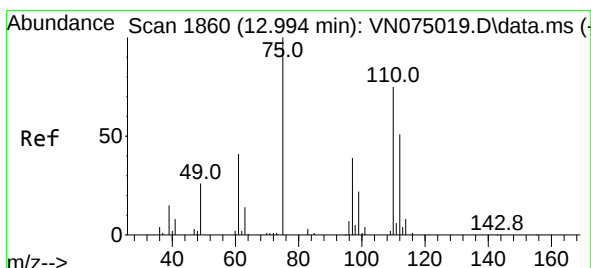
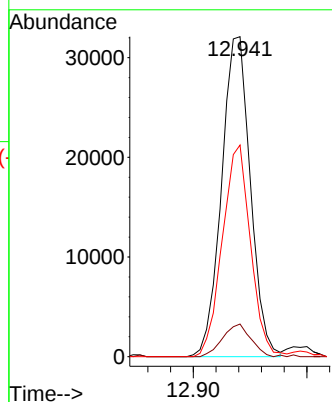
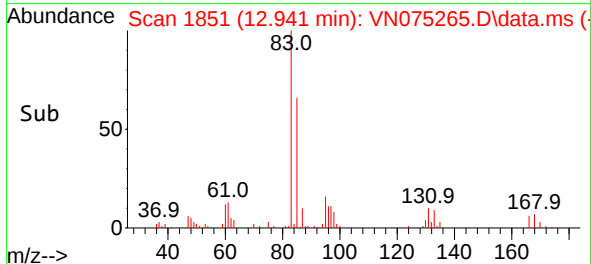
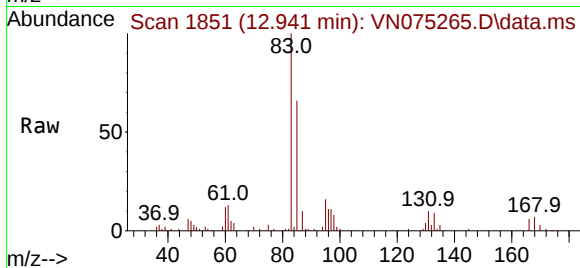
#75
1,1,2,2-Tetrachloroethane
Concen: 21.053 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 83 Resp: 5664
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 64.6 31.6 94.7

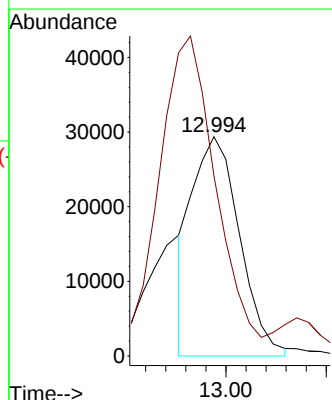
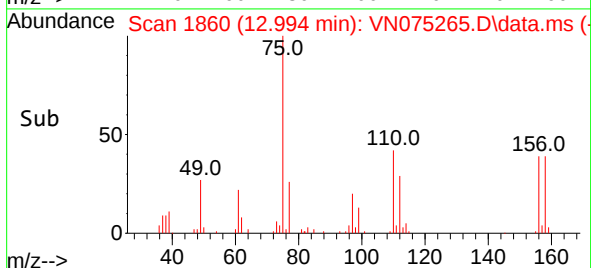
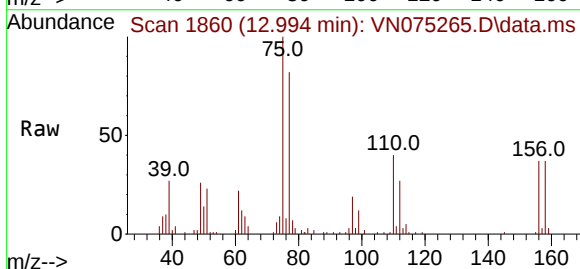
Manual Integrations
APPROVED

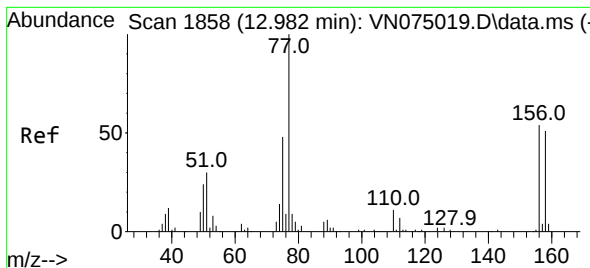
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#76
1,2,3-Trichloropropane
Concen: 21.673 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 75 Resp: 48379
Ion Ratio Lower Upper
75 100
77 176.3 75.6 226.8





#77

Bromobenzene

Concen: 22.088 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

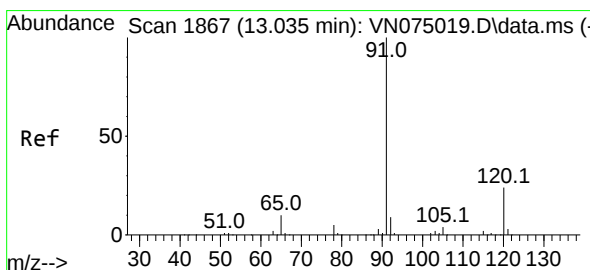
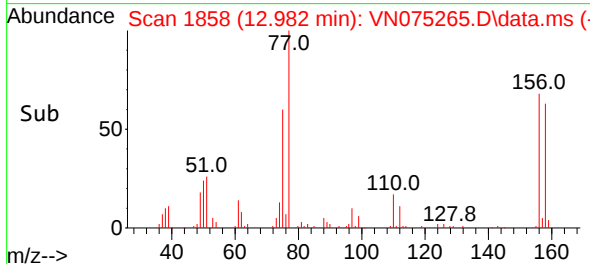
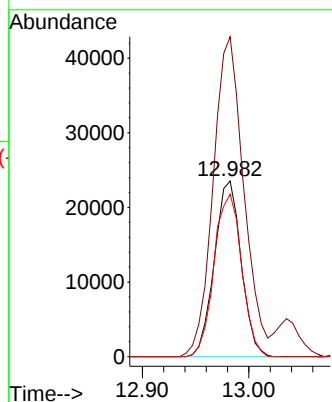
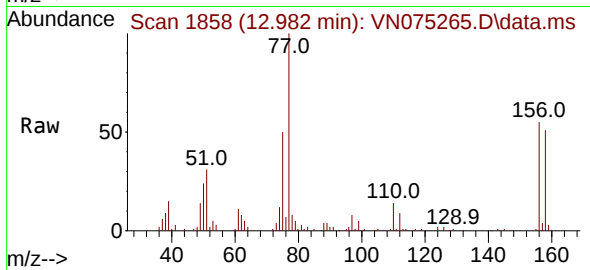
Tgt Ion:	156	Resp:	41049
Ion Ratio	Lower	Upper	
156	100		
77	207.7	108.5	325.5
158	95.6	47.7	143.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#78

n-propylbenzene

Concen: 21.793 ug/l

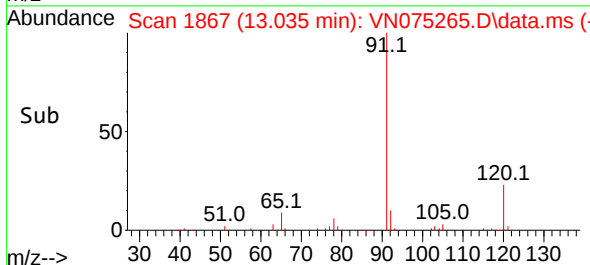
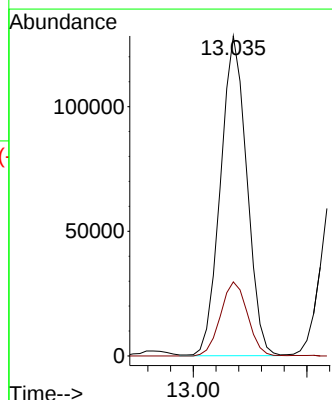
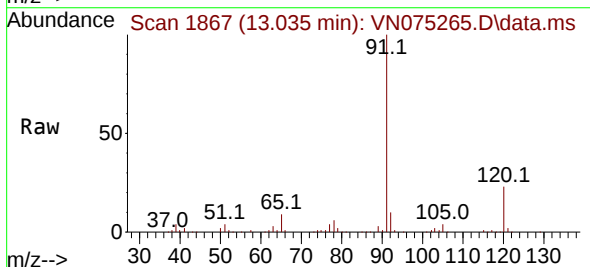
RT: 13.035 min Scan# 1867

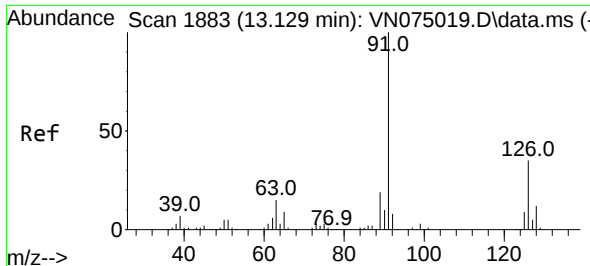
Delta R.T. 0.000 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

Tgt Ion:	91	Resp:	206517
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.5





#79

2-Chlorotoluene

Concen: 21.636 ug/l

RT: 13.123 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 91 Resp: 12528

Ion Ratio Lower Upper

91 100

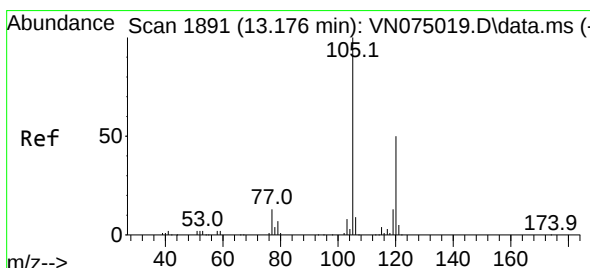
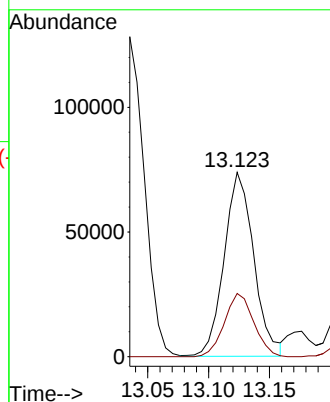
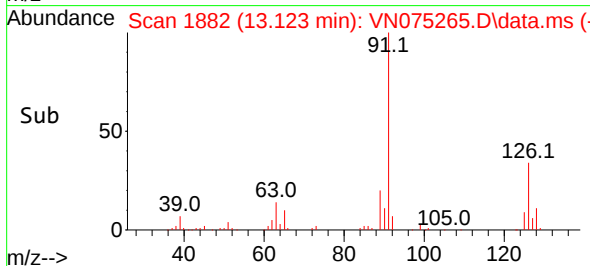
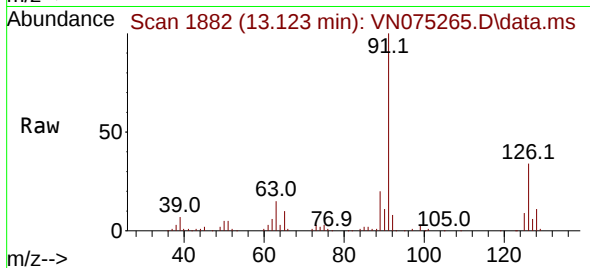
126 33.9 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#80

1,3,5-Trimethylbenzene

Concen: 21.852 ug/l

RT: 13.171 min Scan# 1890

Delta R.T. -0.005 min

Lab File: VN075265.D

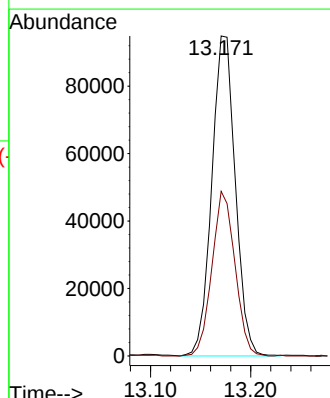
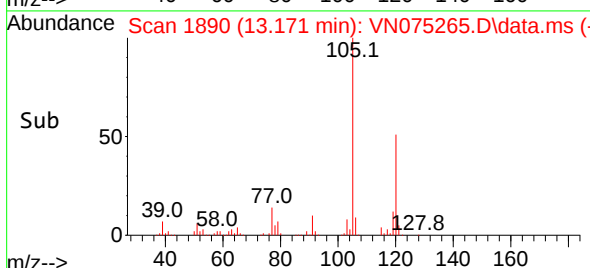
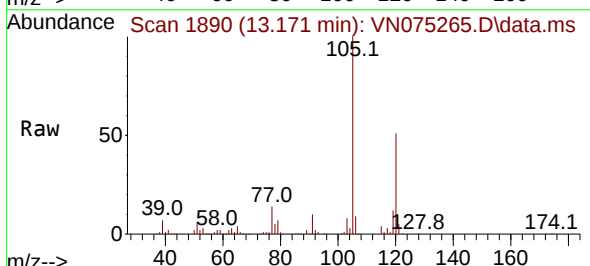
Acq: 14 Nov 2022 15:04

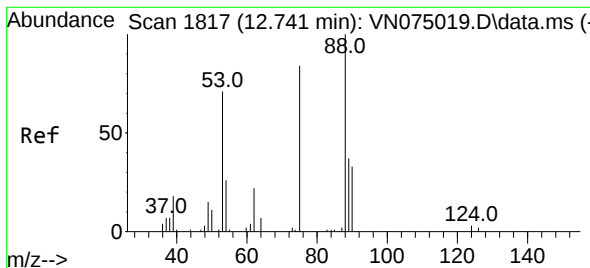
Tgt Ion:105 Resp: 154913

Ion Ratio Lower Upper

105 100

120 50.2 24.7 74.1





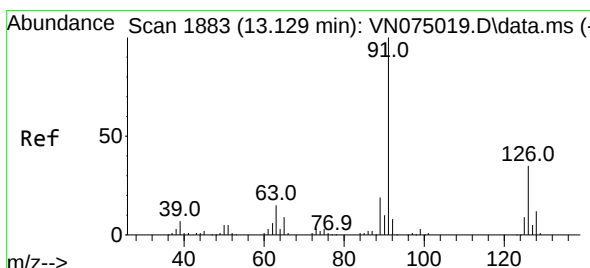
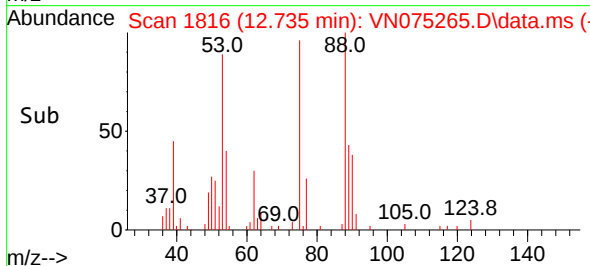
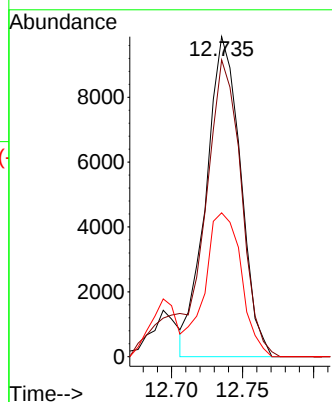
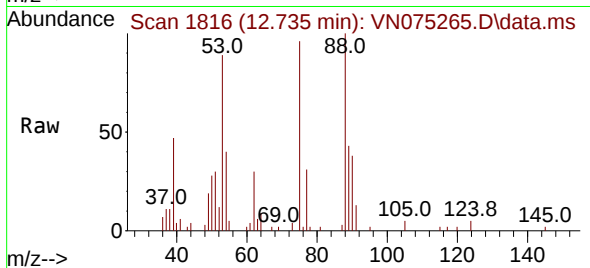
#81
trans-1,4-Dichloro-2-butene
Concen: 19.188 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 75 Resp: 16680
Ion Ratio Lower Upper
75 100
53 105.9 78.5 117.7
89 47.7 37.7 56.5

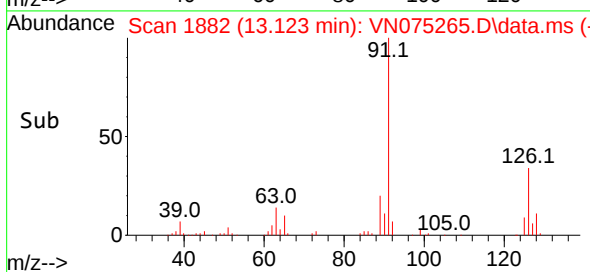
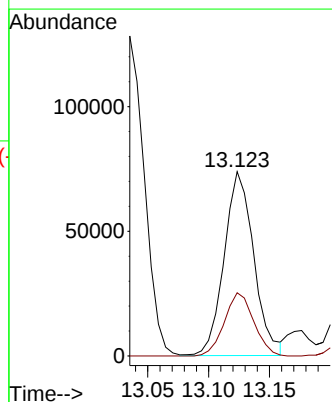
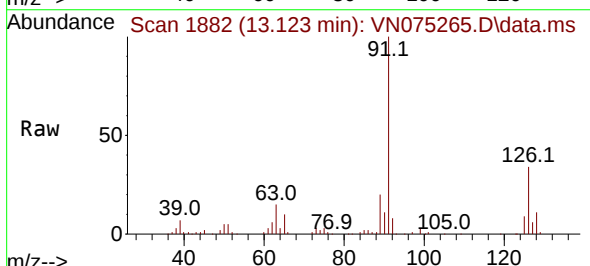
Manual Integrations
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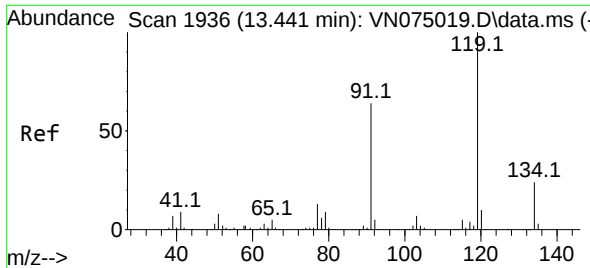
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#82
4-Chlorotoluene
Concen: 21.636 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

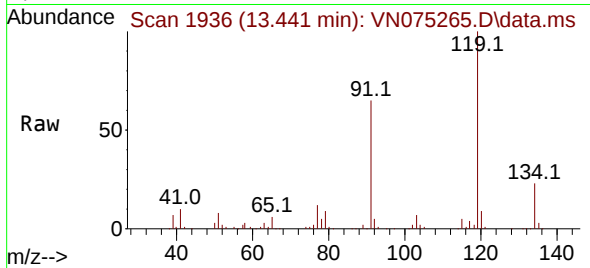
Tgt Ion: 91 Resp: 125285
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 22.082 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

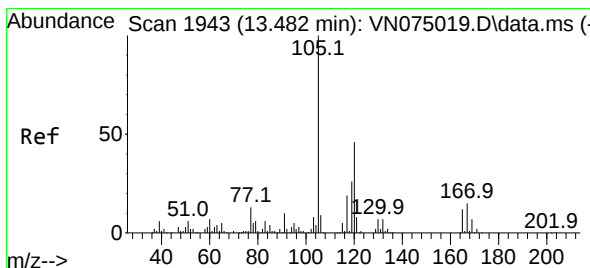
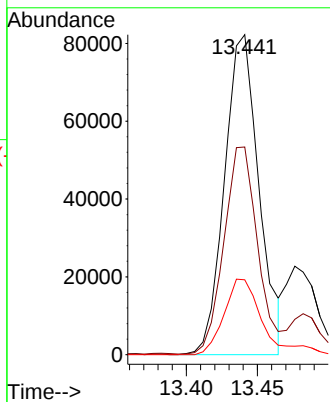
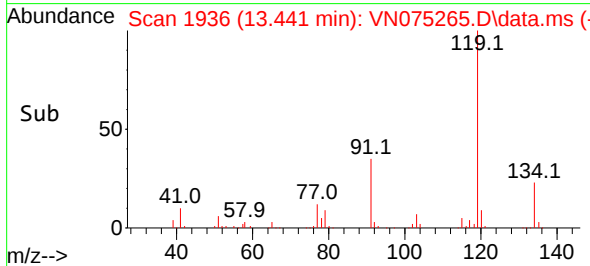
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



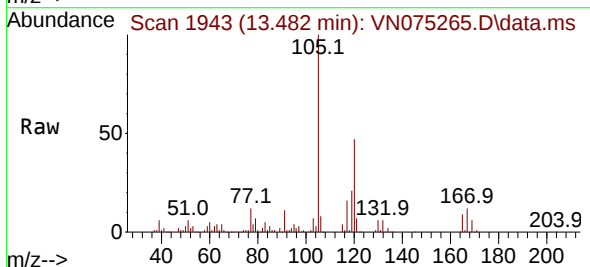
Tgt Ion:119 Resp: 139098
Ion Ratio Lower Upper
119 100
91 63.1 32.8 98.4
134 26.3 12.3 36.9

Manual Integrations
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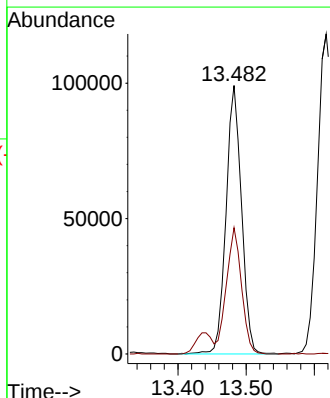
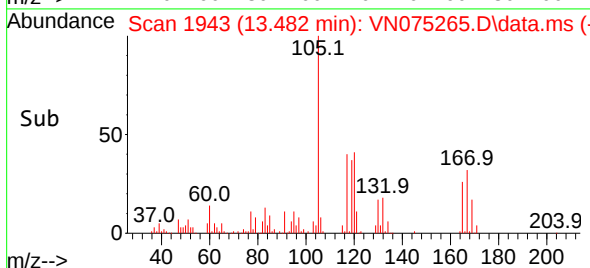
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

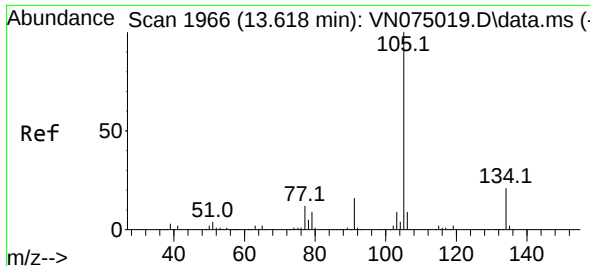


#84
1,2,4-Trimethylbenzene
Concen: 21.811 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



Tgt Ion:105 Resp: 156442
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.1





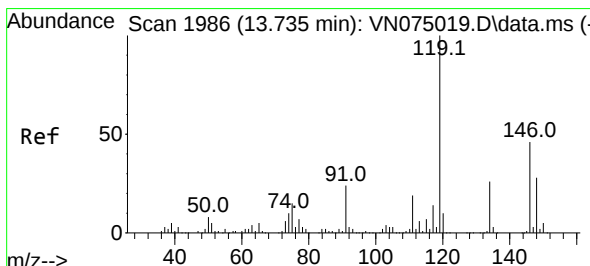
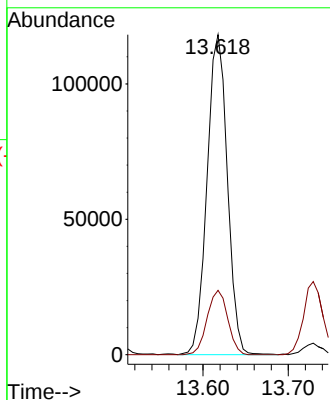
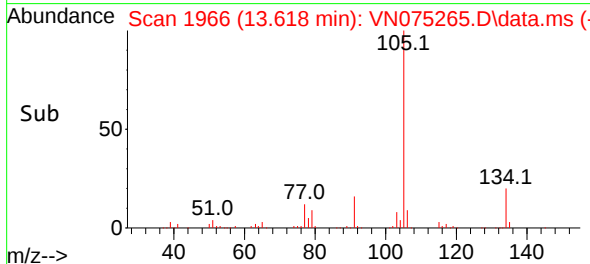
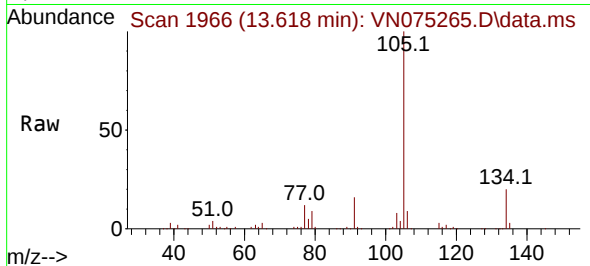
#85
 sec-Butylbenzene
 Concen: 22.212 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075265.D
 Acq: 14 Nov 2022 15:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Tgt Ion:105 Resp: 195728
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

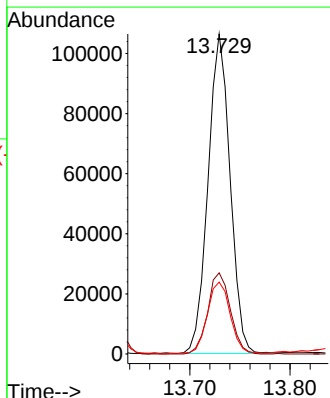
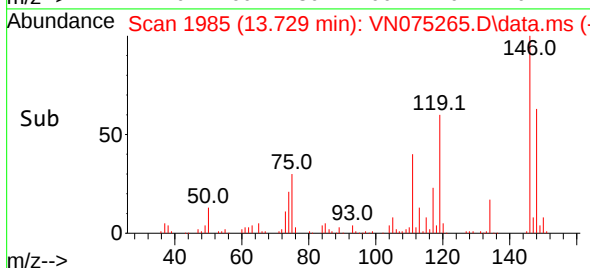
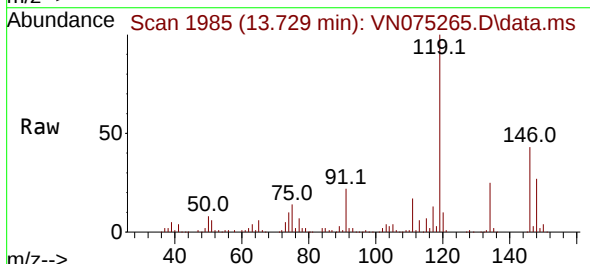
Manual Integrations
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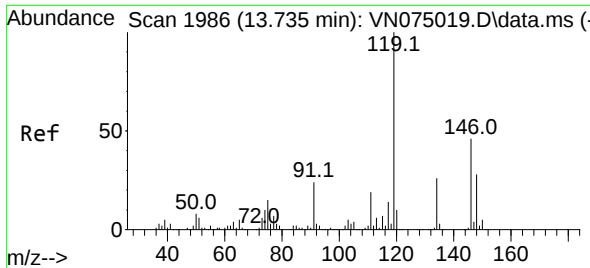
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#86
 p-Isopropyltoluene
 Concen: 22.353 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075265.D
 Acq: 14 Nov 2022 15:04

Tgt Ion:119 Resp: 162676
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 23.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 22.055 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion:146 Resp: 8025

Ion Ratio Lower Upper

146 100

111 40.7 20.8 62.5

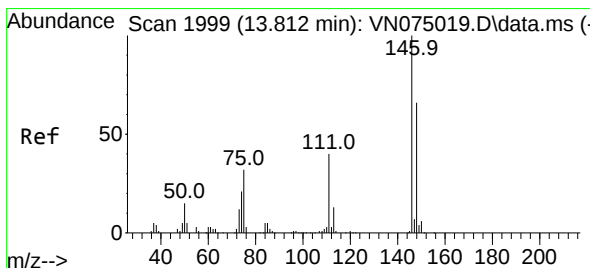
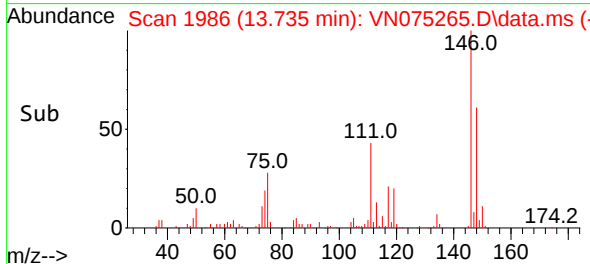
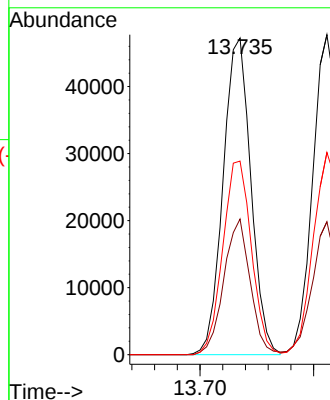
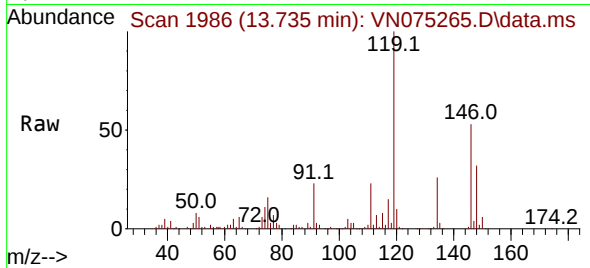
148 63.1 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#88

1,4-Dichlorobenzene

Concen: 22.198 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075265.D

Acq: 14 Nov 2022 15:04

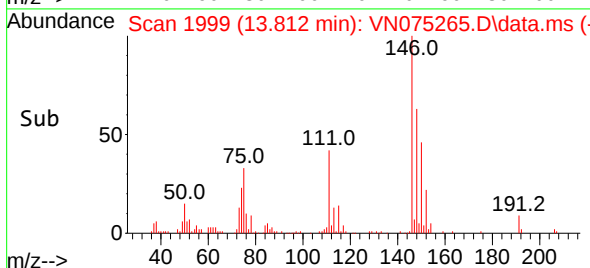
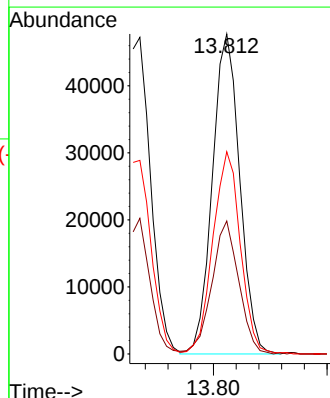
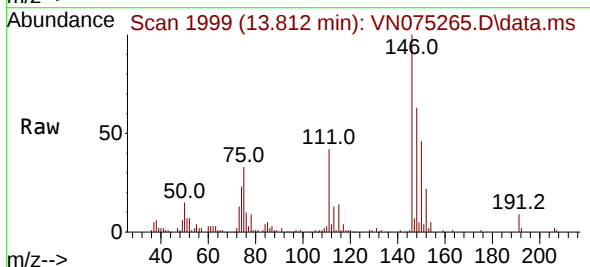
Tgt Ion:146 Resp: 79939

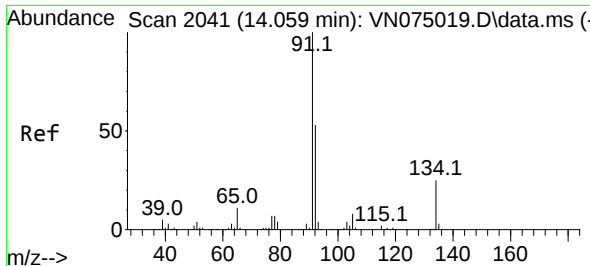
Ion Ratio Lower Upper

146 100

111 41.0 20.1 60.3

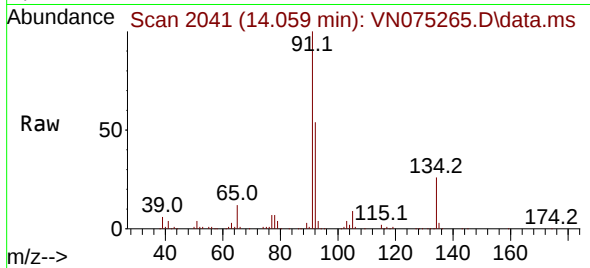
148 63.6 31.9 95.7





#89
n-Butylbenzene
Concen: 22.926 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

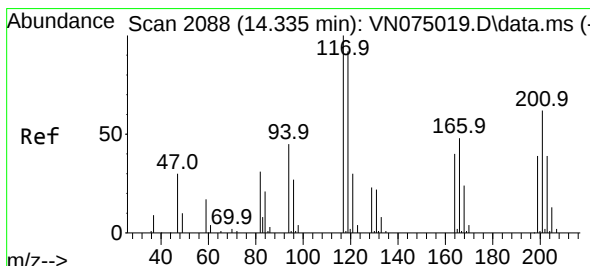
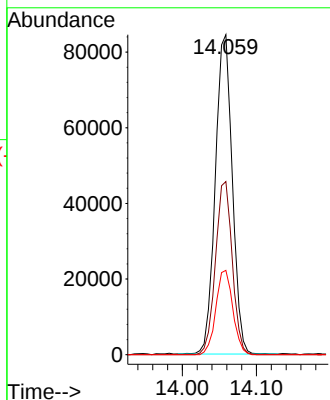
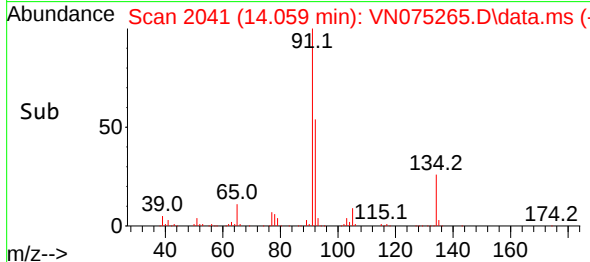
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 91 Resp: 13435
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.4
134 26.4 13.0 39.0

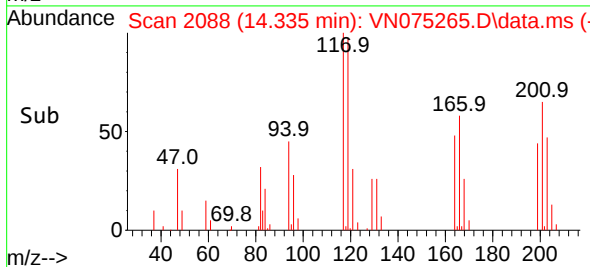
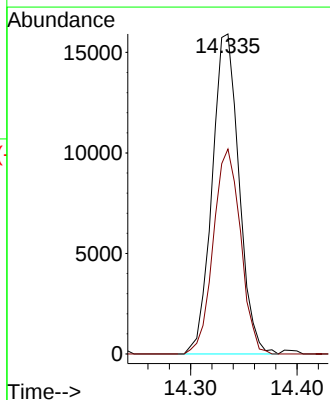
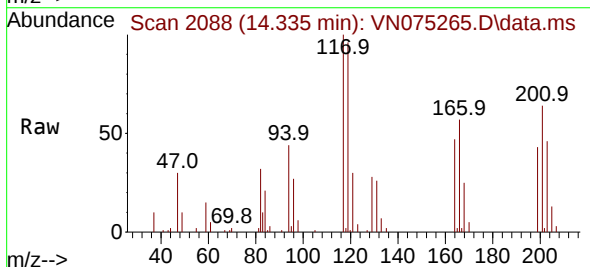
Manual Integrations
APPROVED

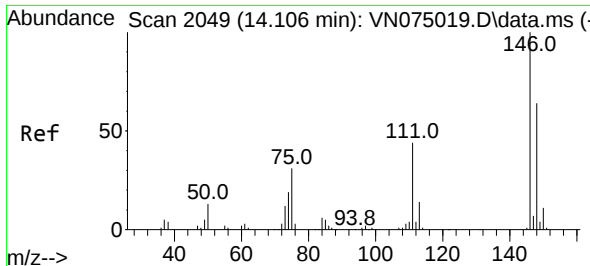
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#90
Hexachloroethane
Concen: 20.918 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

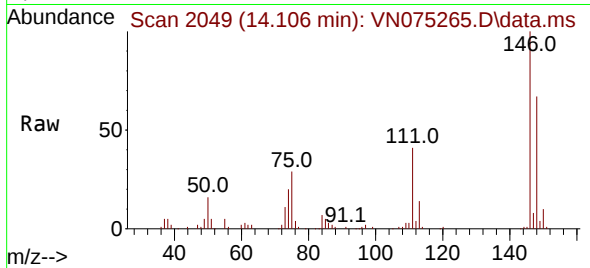
Tgt Ion:117 Resp: 27911
Ion Ratio Lower Upper
117 100
201 64.9 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 22.269 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

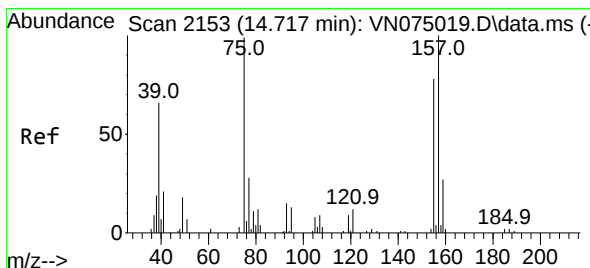
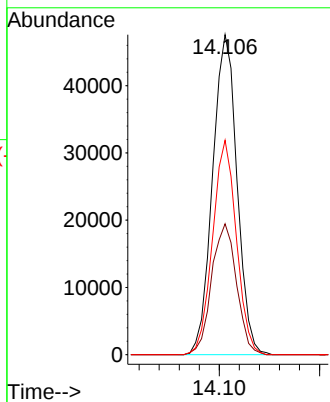
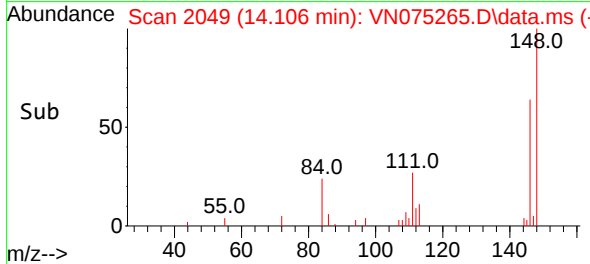
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



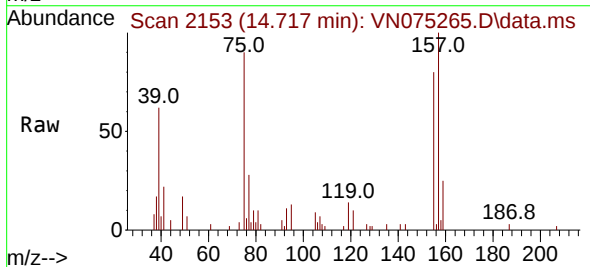
Tgt Ion:146 Resp: 80550
Ion Ratio Lower Upper
146 100
111 41.7 21.3 63.9
148 65.2 31.4 94.2

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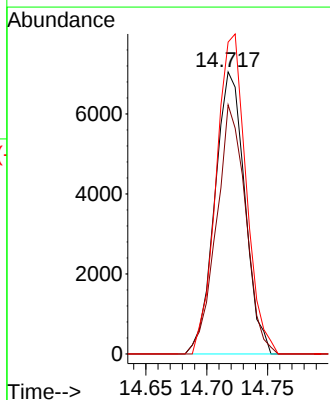
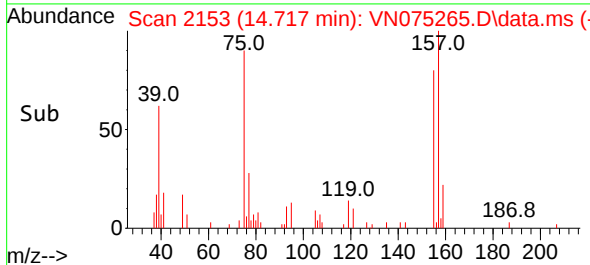
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

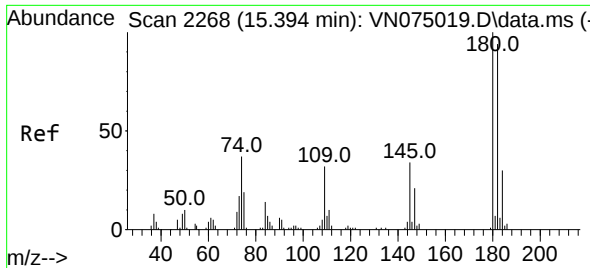


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.180 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



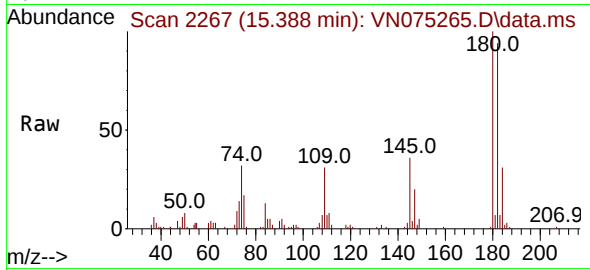
Tgt Ion: 75 Resp: 12058
Ion Ratio Lower Upper
75 100
155 86.1 42.1 126.3
157 113.3 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 25.570 ug/l
RT: 15.388 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

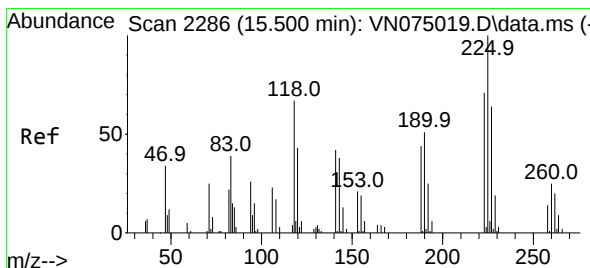
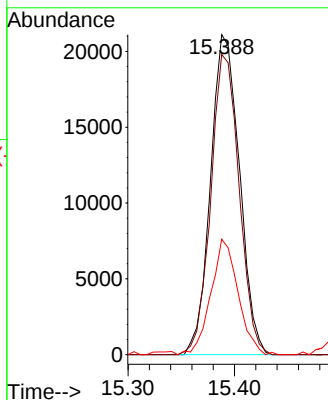
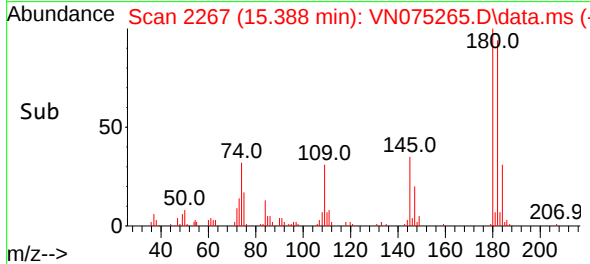
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



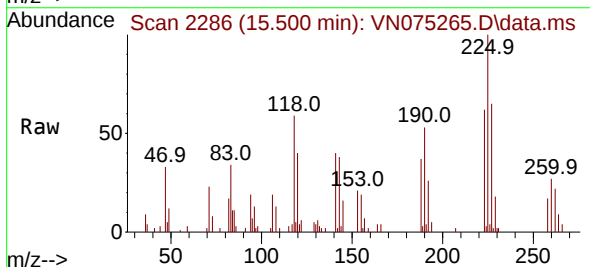
Tgt Ion:180 Resp: 39804
Ion Ratio Lower Upper
180 100
182 91.8 47.8 143.4
145 33.9 16.8 50.3

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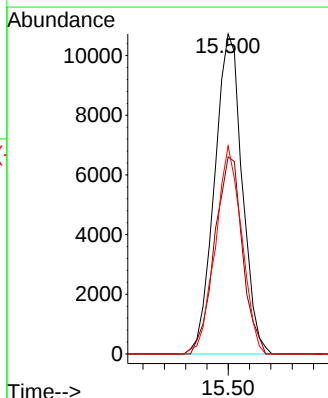
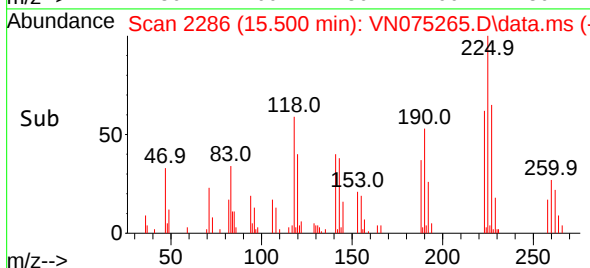
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

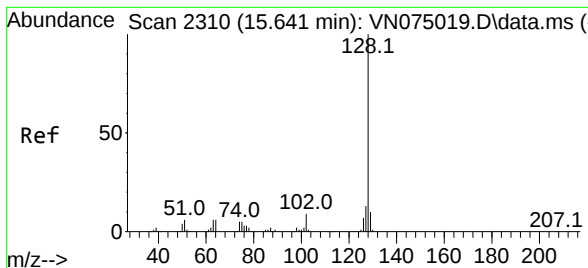


#94
Hexachlorobutadiene
Concen: 25.444 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



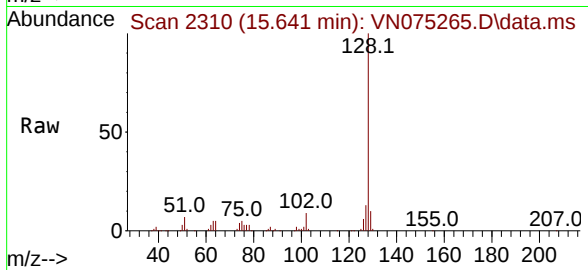
Tgt Ion:225 Resp: 19309
Ion Ratio Lower Upper
225 100
223 62.0 32.3 96.9
227 62.1 32.0 96.2





#95
Naphthalene
Concen: 23.800 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04

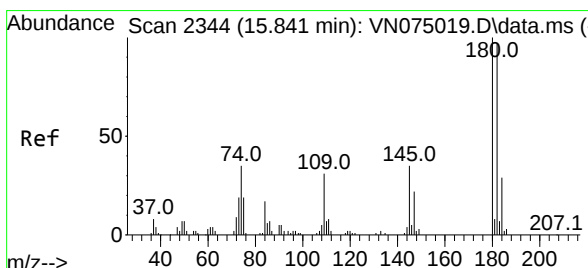
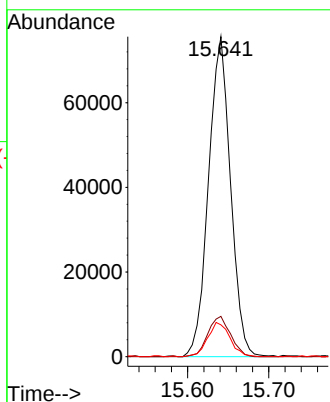
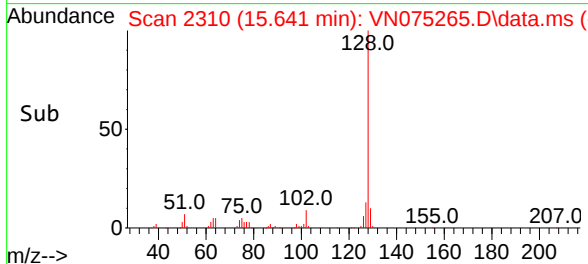
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



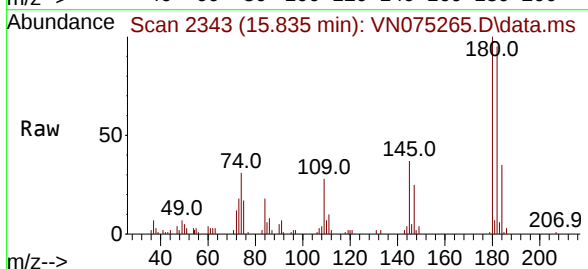
Tgt Ion:128 Resp: 142472
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 24.393 ug/l
RT: 15.835 min Scan# 2343
Delta R.T. -0.006 min
Lab File: VN075265.D
Acq: 14 Nov 2022 15:04



Tgt Ion:180 Resp: 37728
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.8
145 36.4 17.6 52.9

