

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075527.D
 Acq On : 02 Dec 2022 13:18
 Operator : JC\MD
 Sample : VN1202WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 00:31:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	136666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	223745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	37497	51.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.220%
35) Dibromofluoromethane	8.165	113	46989	53.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.920%
50) Toluene-d8	10.571	98	101228	51.135	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.853	95	76303	52.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	17951	17.177	ug/l	98
3) Chloromethane	2.371	50	21734	16.714	ug/l	90
4) Vinyl Chloride	2.524	62	27762	16.940	ug/l	99
5) Bromomethane	2.936	94	25200	17.487	ug/l	89
6) Chloroethane	3.112	64	23069	18.578	ug/l	96
7) Trichlorofluoromethane	3.501	101	42628	18.208	ug/l	99
8) Diethyl Ether	3.977	74	15752	19.197	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	25053	19.384	ug/l	89
10) Methyl Iodide	4.601	142	38881	18.565	ug/l	95
11) Tert butyl alcohol	5.536	59	27296	88.635	ug/l	97
12) 1,1-Dichloroethene	4.348	96	22699	17.935	ug/l	89
13) Acrolein	4.195	56	24559	91.542	ug/l	98
14) Allyl chloride	5.036	41	30147m	18.415	ug/l	
15) Acrylonitrile	5.730	53	69410	98.239	ug/l	99
16) Acetone	4.436	43	59496	86.948	ug/l	93
17) Carbon Disulfide	4.724	76	49132	14.938	ug/l	97
18) Methyl Acetate	5.036	43	36613	20.459	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	84800	18.914	ug/l	99
20) Methylene Chloride	5.277	84	28820	20.003	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	25925	17.974	ug/l	90
22) Diisopropyl ether	6.683	45	71889	19.243	ug/l #	95
23) Vinyl Acetate	6.612	43	281283m	94.642	ug/l	
24) 1,1-Dichloroethane	6.571	63	44120	18.399	ug/l	97
25) 2-Butanone	7.489	43	91314	95.584	ug/l	98
26) 2,2-Dichloropropane	7.494	77	39905	17.906	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	31499	19.314	ug/l	93
28) Bromochloromethane	7.818	49	19268	19.796	ug/l #	82
29) Tetrahydrofuran	7.841	42	54751	94.220	ug/l	95
30) Chloroform	7.971	83	53246	19.336	ug/l	97
31) Cyclohexane	8.259	56	40016	17.169	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	47221	18.886	ug/l	98
36) 1,1-Dichloropropene	8.377	75	35058	18.290	ug/l	97
37) Ethyl Acetate	7.565	43	32487	18.823	ug/l	98
38) Carbon Tetrachloride	8.359	117	41385	19.655	ug/l	95
39) Methylcyclohexane	9.606	83	43298	18.049	ug/l	92
40) Benzene	8.612	78	112033	19.090	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	18204	20.631	ug/l	99
42) 1,2-Dichloroethane	8.671	62	38831	19.757	ug/l	97
43) Isopropyl Acetate	8.694	43	55447	20.015	ug/l	96
44) Trichloroethene	9.353	130	30364	18.909	ug/l	100
45) 1,2-Dichloropropane	9.630	63	26810	19.170	ug/l	100
46) Dibromomethane	9.712	93	21445	20.273	ug/l	92
47) Bromodichloromethane	9.888	83	40944	19.987	ug/l	95
48) Methyl methacrylate	9.683	41	25717	20.076	ug/l	97
49) 1,4-Dioxane	9.700	88	14924	410.293	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	179022	101.459	ug/l	96
52) Toluene	10.630	92	73429	19.417	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	39710	19.309	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	44487	19.917	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	31092	20.186	ug/l	94
56) Ethyl methacrylate	10.877	69	42071	20.225	ug/l	96
57) 1,3-Dichloropropane	11.165	76	50736	20.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	73171	97.534	ug/l	94
59) 2-Hexanone	11.200	43	131313	99.108	ug/l	96
60) Dibromochloromethane	11.359	129	34173	21.614	ug/l	99
61) 1,2-Dibromoethane	11.471	107	32865	20.557	ug/l	96
64) Tetrachloroethene	11.106	164	27898	18.228	ug/l #	92
65) Chlorobenzene	11.894	112	81325	19.649	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	31658	20.494	ug/l	97
67) Ethyl Benzene	11.965	91	139301	19.728	ug/l	95
68) m/p-Xylenes	12.076	106	115717	40.355	ug/l	98
69) o-Xylene	12.400	106	57012	20.011	ug/l	94
70) Styrene	12.412	104	89086	19.822	ug/l	100
71) Bromoform	12.576	173	24749	21.051	ug/l #	98
73) Isopropylbenzene	12.700	105	144904	19.827	ug/l	97
74) N-amyl acetate	12.494	43	44914	19.990	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	47313	21.234	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	35306m	18.667	ug/l	
77) Bromobenzene	12.982	156	35667	19.768	ug/l	87
78) n-propylbenzene	13.041	91	162641	19.941	ug/l	99
79) 2-Chlorotoluene	13.123	91	98258	19.994	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	124072	20.434	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	12770	19.977	ug/l	95
82) 4-Chlorotoluene	13.123	91	98258	19.994	ug/l	95
83) tert-Butylbenzene	13.441	119	108864	19.664	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	123747	20.318	ug/l	99
85) sec-Butylbenzene	13.618	105	153884	20.486	ug/l	99
86) p-Isopropyltoluene	13.729	119	126911	20.081	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	69644	20.372	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	68002	19.582	ug/l	99
89) n-Butylbenzene	14.059	91	100878	18.898	ug/l	98
90) Hexachloroethane	14.335	117	22787	20.900	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	69069	20.727	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8919	21.131	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	33294	19.497	ug/l	96
94) Hexachlorobutadiene	15.506	225	18091	20.339	ug/l	97
95) Naphthalene	15.641	128	103660	19.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32932	19.621	ug/l	96

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

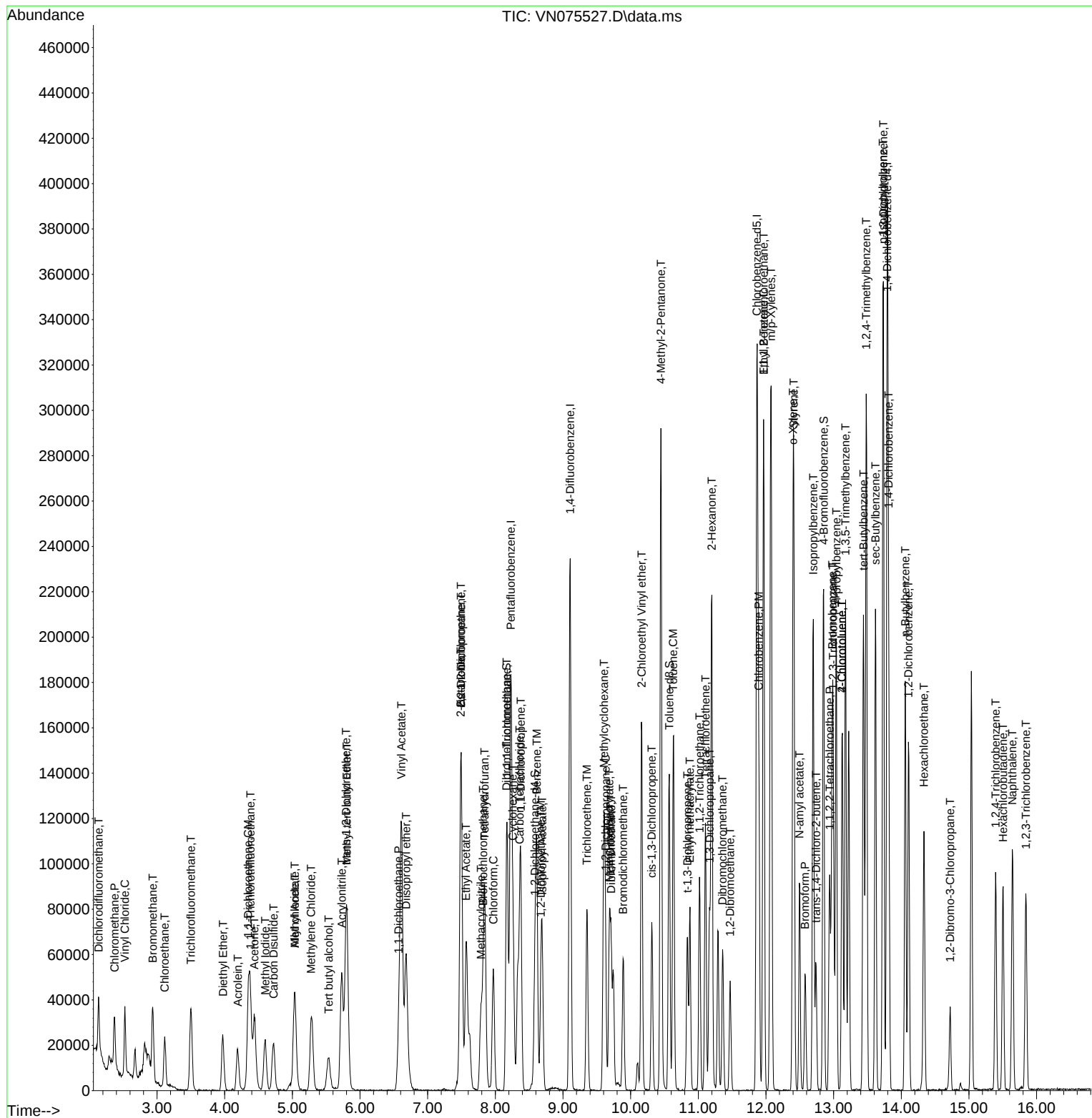
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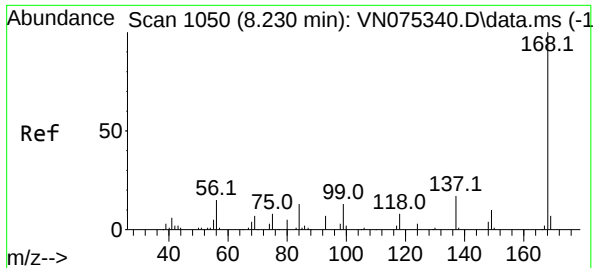
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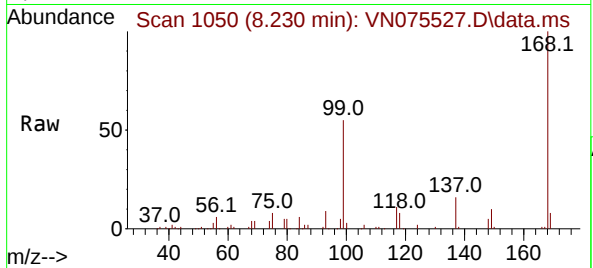
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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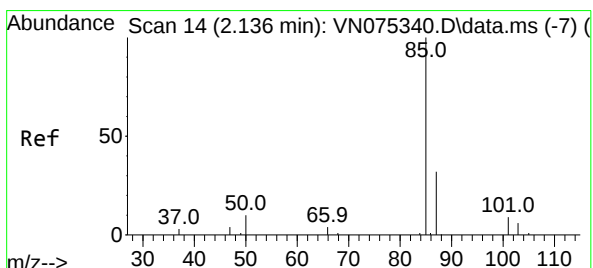
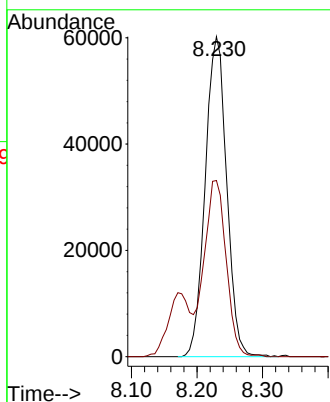
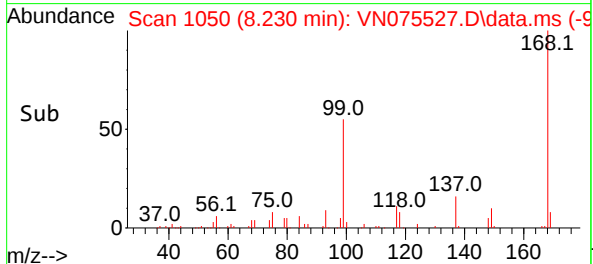
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Tgt Ion:168 Resp: 136660
Ion Ratio Lower Upper
168 100
99 55.1 51.6 77.4

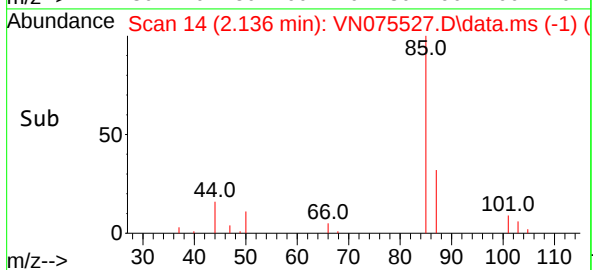
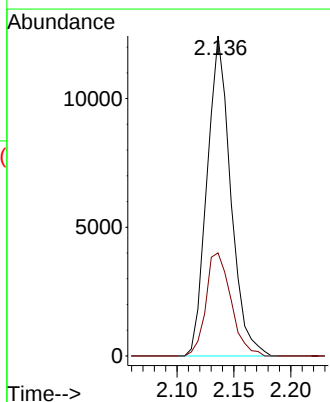
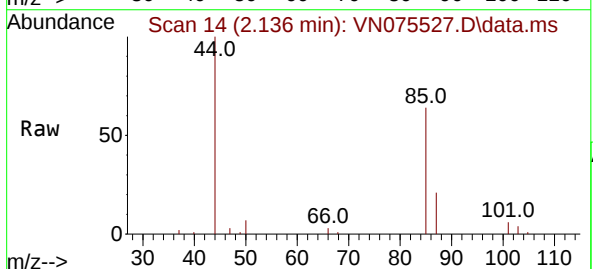
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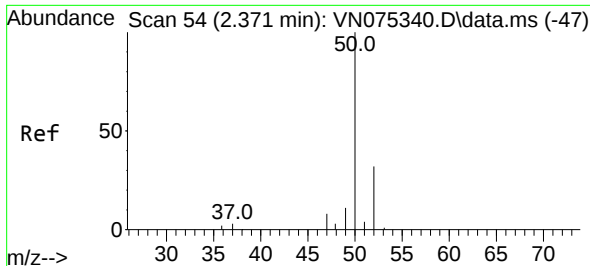
Reviewed By :John Carlone 12/05/2022
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#2
Dichlorodifluoromethane
Concen: 17.177 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 85 Resp: 17951
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.0





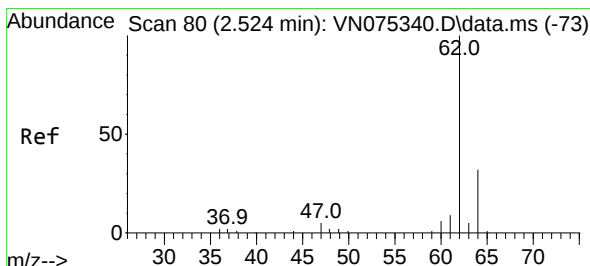
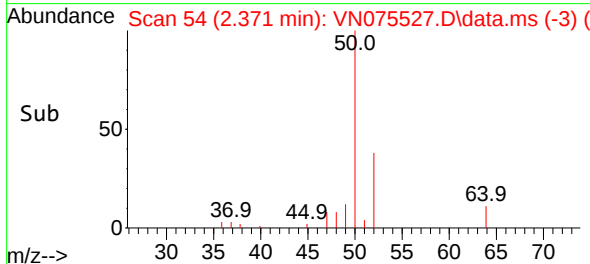
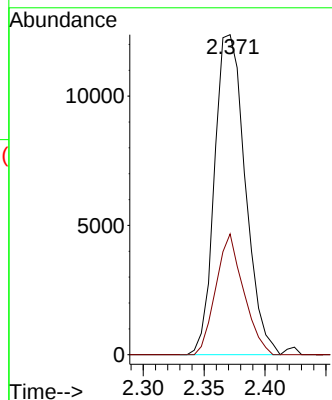
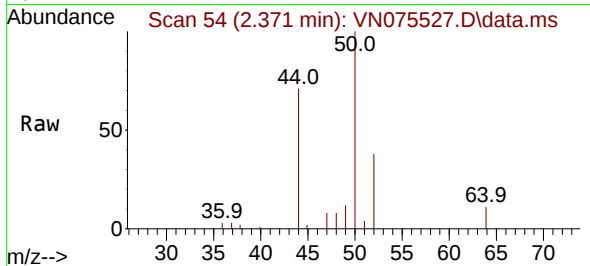
#3
Chloromethane
Concen: 16.714 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

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Tgt Ion: 50 Resp: 21734
Ion Ratio Lower Upper
50 100
52 37.8 25.8 38.6

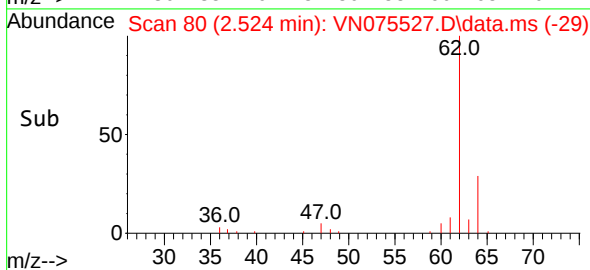
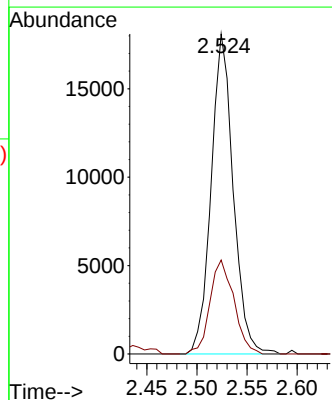
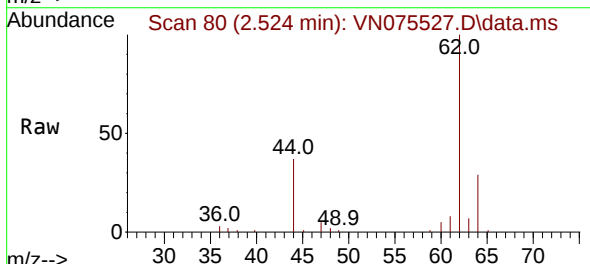
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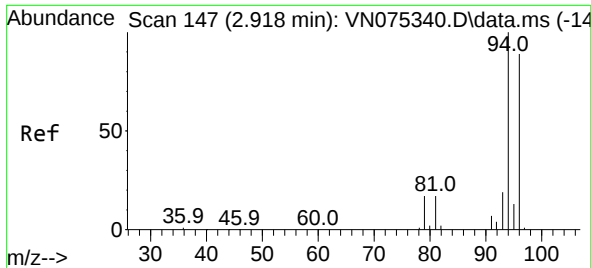
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#4
Vinyl Chloride
Concen: 16.940 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 62 Resp: 27762
Ion Ratio Lower Upper
62 100
64 29.4 24.0 36.0





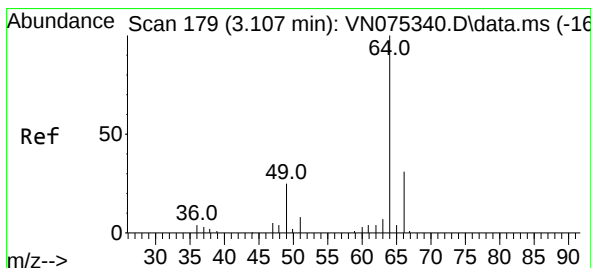
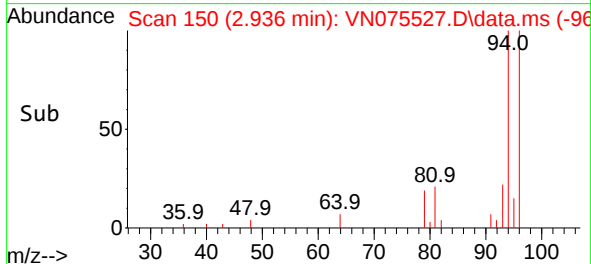
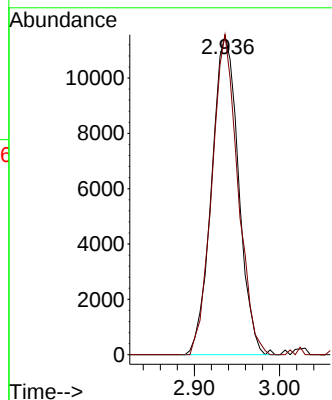
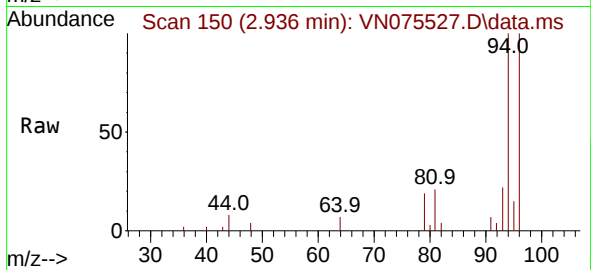
#5
Bromomethane
Concen: 17.487 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075527.D
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Tgt Ion: 94 Resp: 25200
Ion Ratio Lower Upper
94 100
96 100.3 71.8 107.6

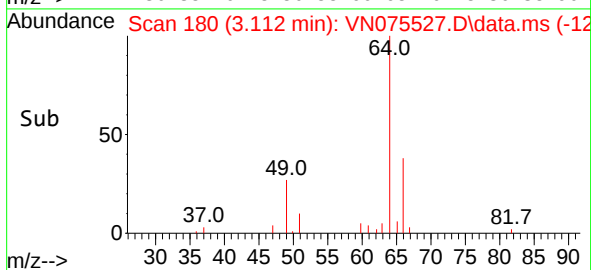
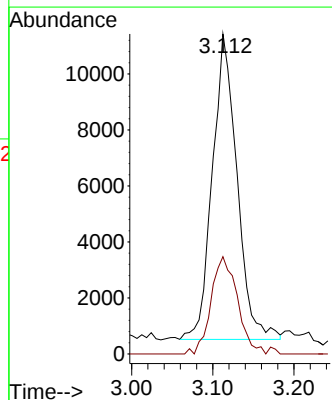
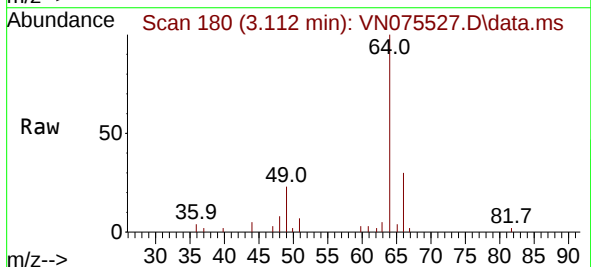
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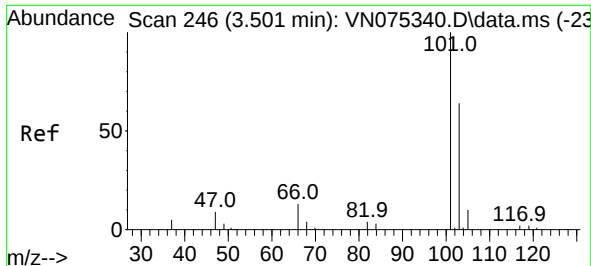
Reviewed By :John Carlone 12/05/2022
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#6
Chloroethane
Concen: 18.578 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

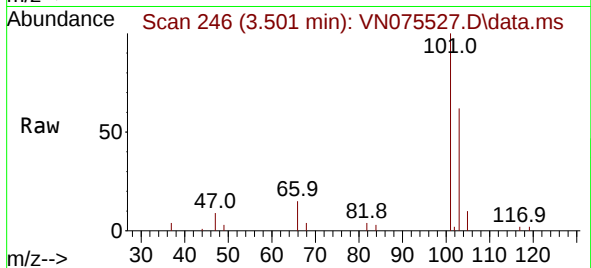
Tgt Ion: 64 Resp: 23069
Ion Ratio Lower Upper
64 100
66 31.8 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 18.208 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. -0.000 min
 Lab File: VN075527.D
 Acq: 02 Dec 2022 13:18

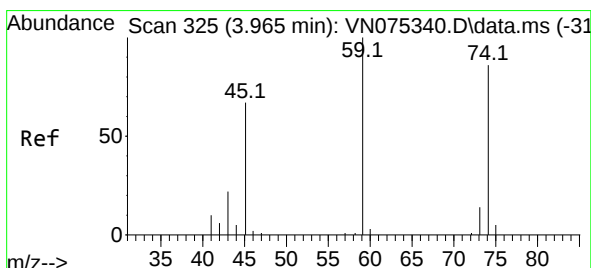
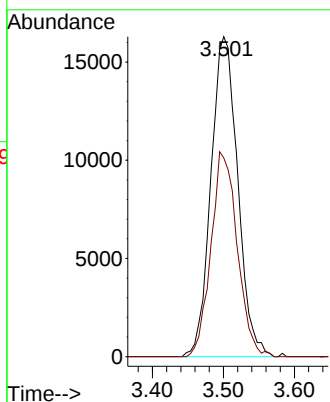
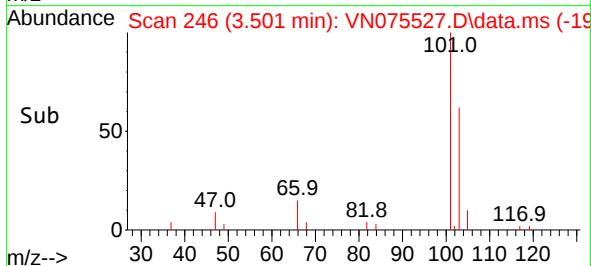
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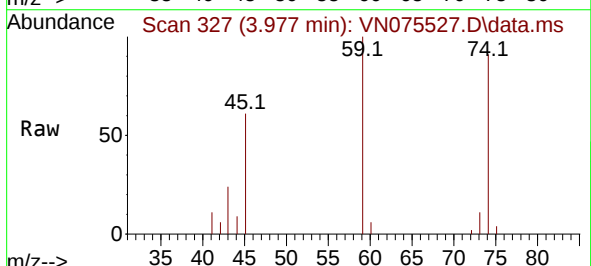
Tgt Ion:101 Resp: 42628
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.5 75.7

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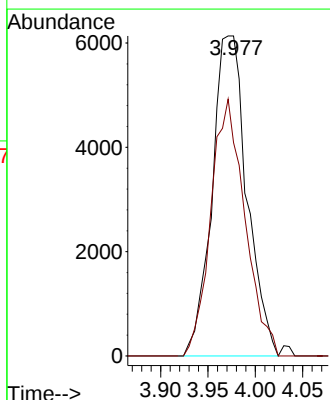
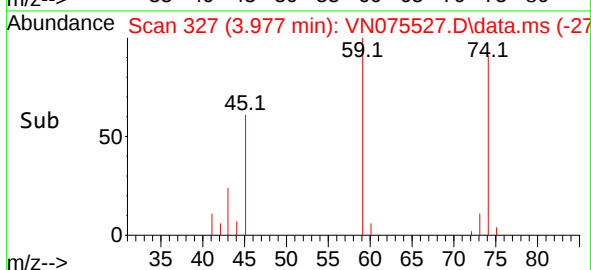
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#8
 Diethyl Ether
 Concen: 19.197 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.012 min
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 Acq: 02 Dec 2022 13:18



Tgt Ion: 74 Resp: 15752
 Ion Ratio Lower Upper
 74 100
 45 78.3 39.3 117.9





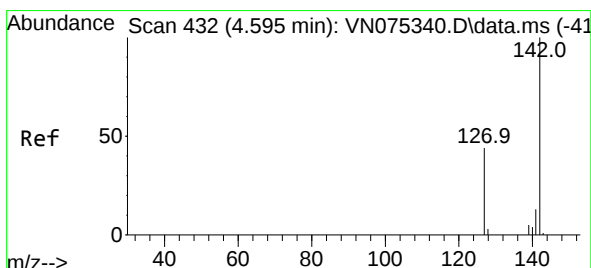
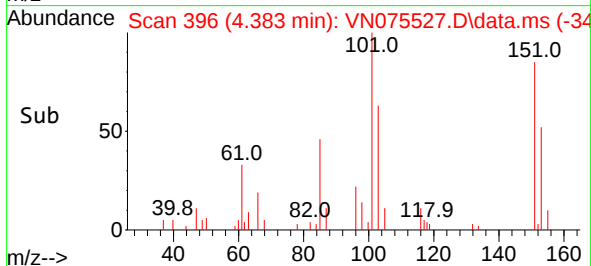
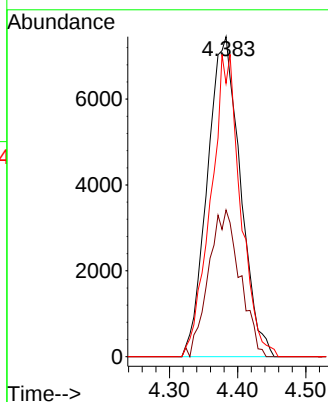
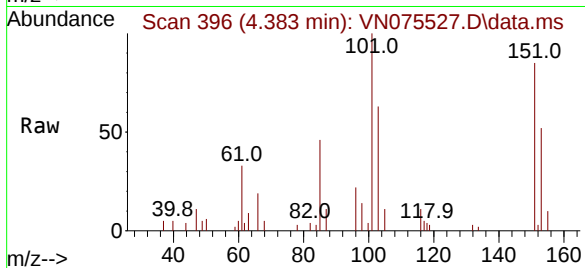
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.384 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion:101 Resp: 2505
Ion Ratio Lower Upper
101 100
85 44.0 37.6 56.4
151 85.5 58.3 87.5

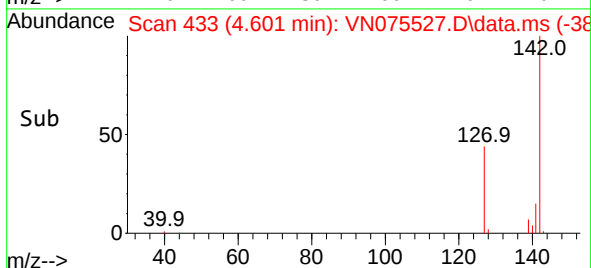
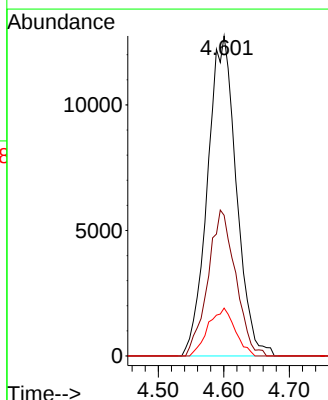
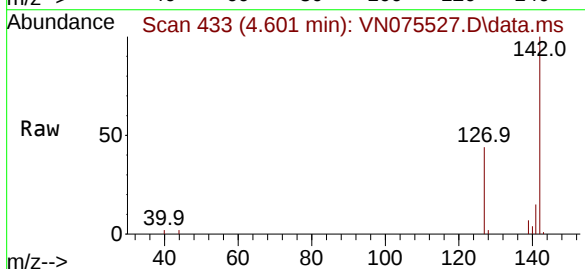
Manual Integrations
APPROVED

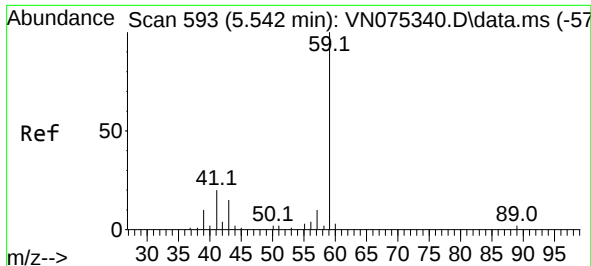
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#10
Methyl Iodide
Concen: 18.565 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion:142 Resp: 38881
Ion Ratio Lower Upper
142 100
127 43.8 38.0 57.0
141 14.0 12.2 18.4





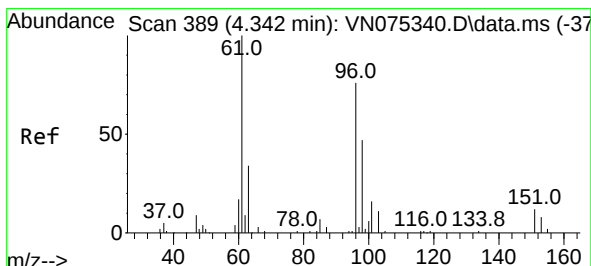
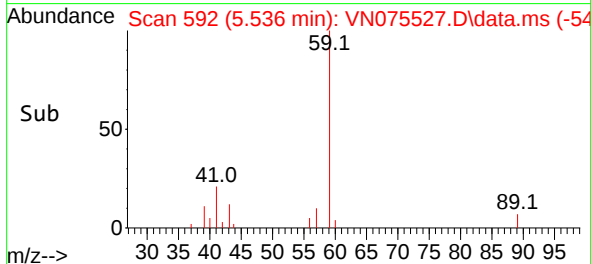
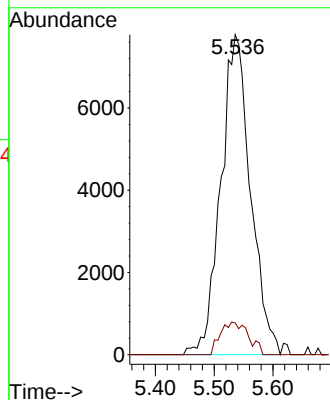
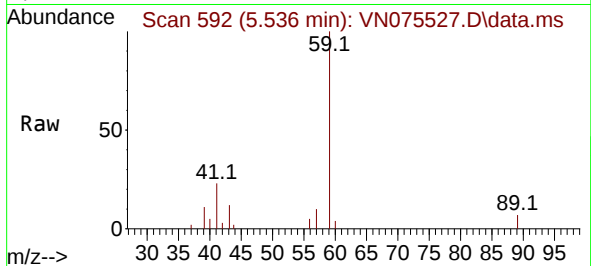
#11
Tert butyl alcohol
Concen: 88.635 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 59 Resp: 27290
Ion Ratio Lower Upper
59 100
57 9.6 8.5 12.7

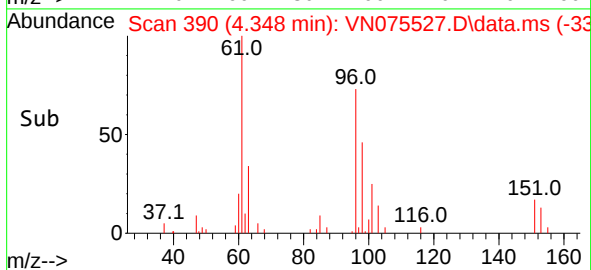
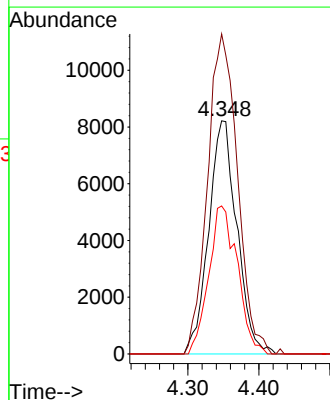
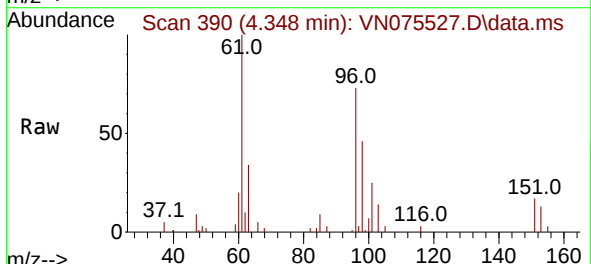
Manual Integrations
APPROVED

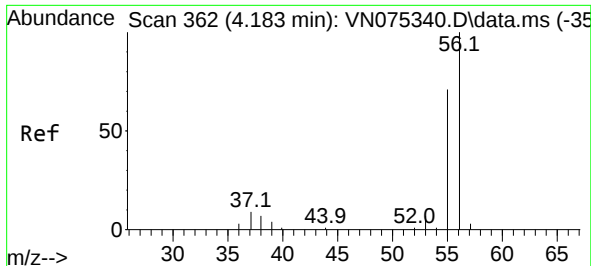
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#12
1,1-Dichloroethene
Concen: 17.935 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 96 Resp: 22699
Ion Ratio Lower Upper
96 100
61 137.3 126.2 189.4
98 63.5 51.5 77.3





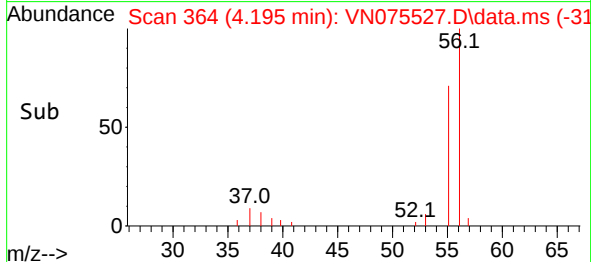
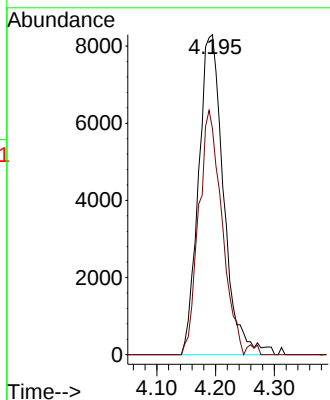
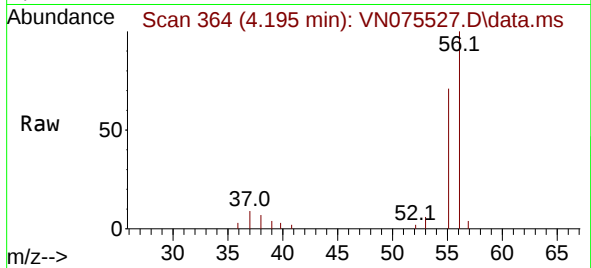
#13
Acrolein
Concen: 91.542 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.012 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 56 Resp: 2455
Ion Ratio Lower Upper
56 100
55 70.6 55.2 82.8

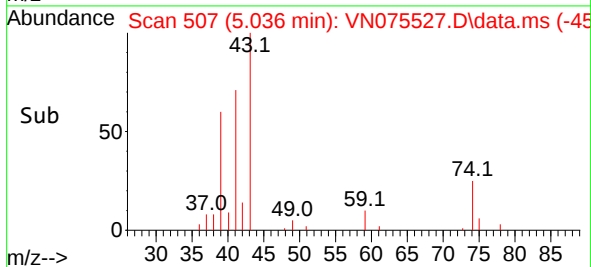
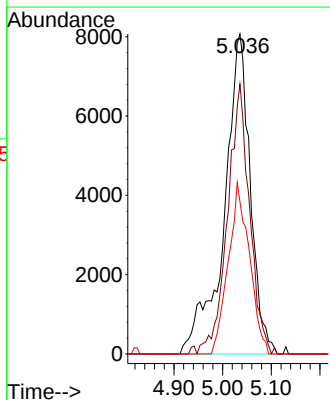
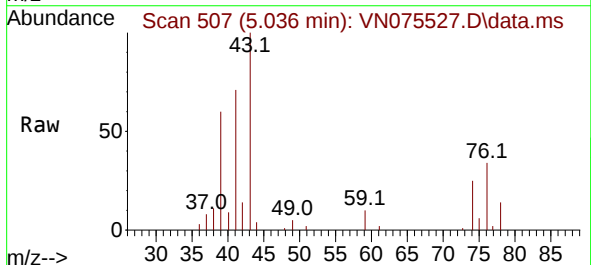
Manual Integrations
APPROVED

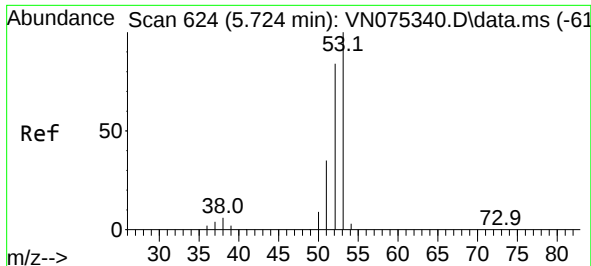
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#14
Allyl chloride
Concen: 18.415 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 41 Resp: 30147
Ion Ratio Lower Upper
41 100
39 71.2 61.0 91.4
76 43.3 33.4 50.0





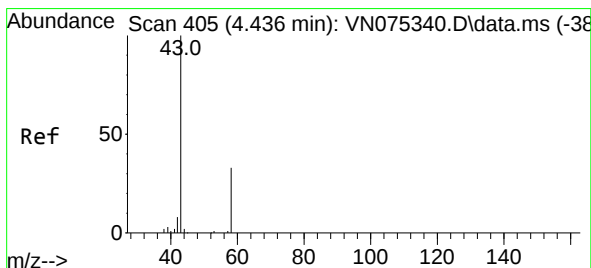
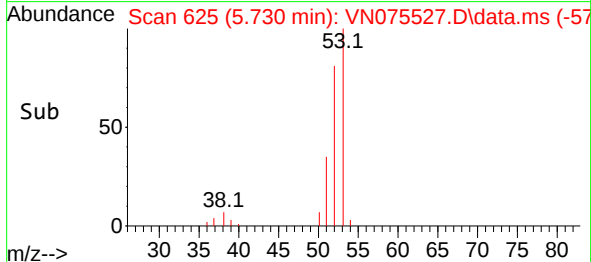
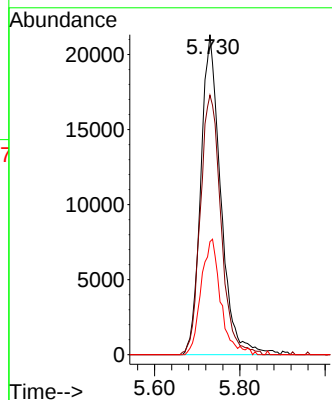
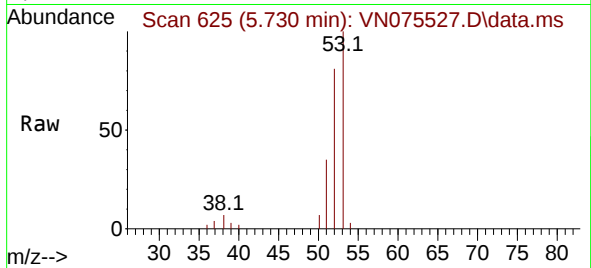
#15
Acrylonitrile
Concen: 98.239 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 53 Resp: 69410
Ion Ratio Lower Upper
53 100
52 83.6 66.4 99.6
51 35.5 29.6 44.4

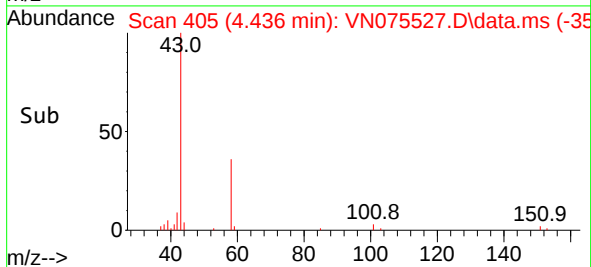
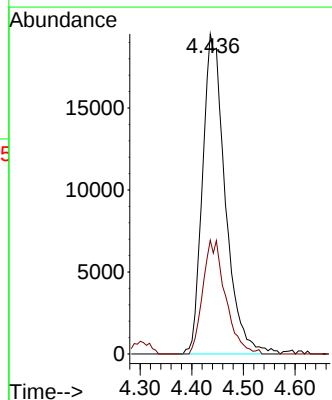
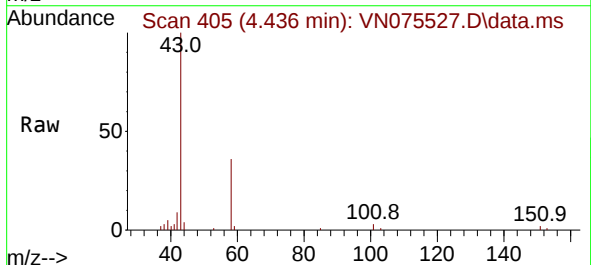
Manual Integrations
APPROVED

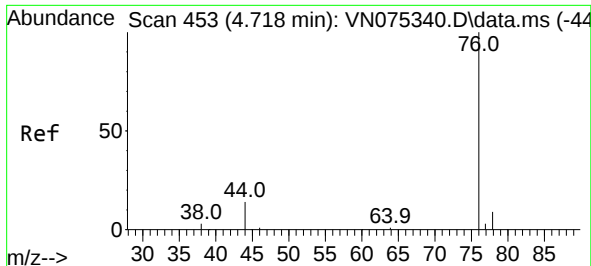
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#16
Acetone
Concen: 86.948 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 43 Resp: 59496
Ion Ratio Lower Upper
43 100
58 35.6 25.5 38.3





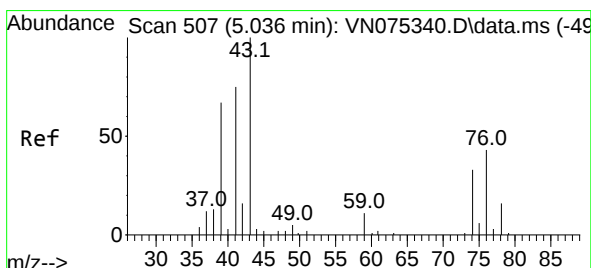
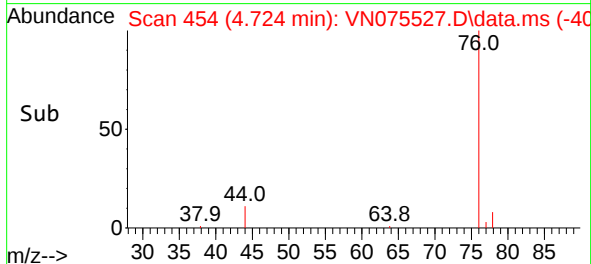
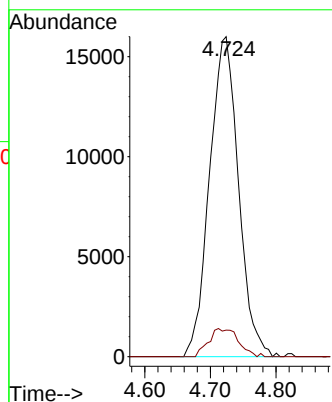
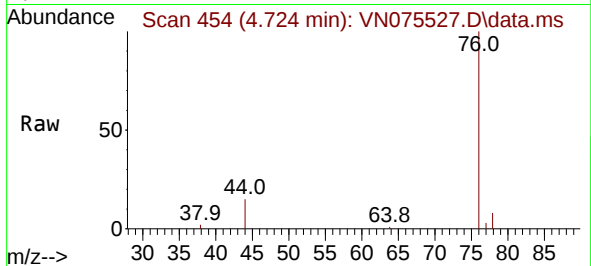
#17
Carbon Disulfide
Concen: 14.938 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 76 Resp: 49132
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

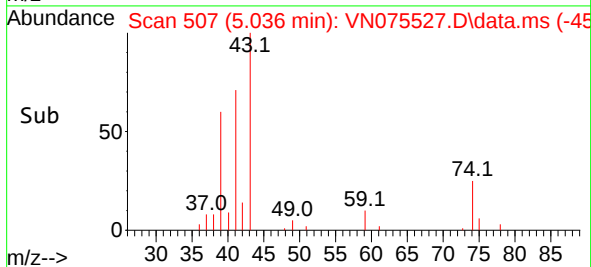
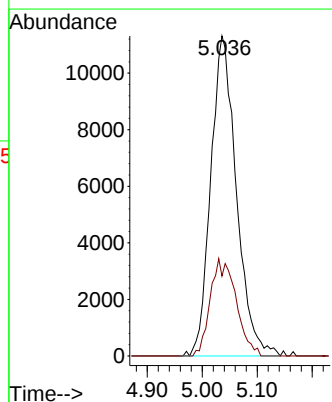
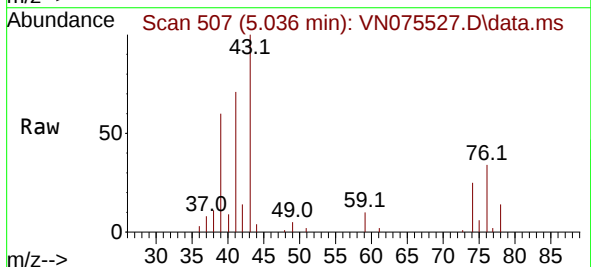
Manual Integrations
APPROVED

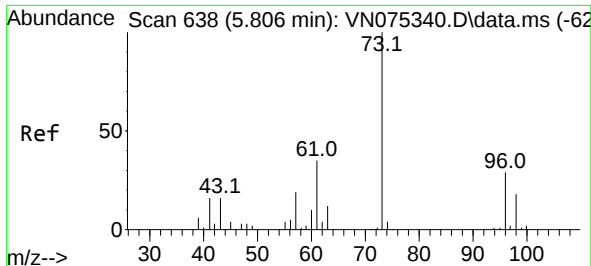
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#18
Methyl Acetate
Concen: 20.459 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 43 Resp: 36613
Ion Ratio Lower Upper
43 100
74 30.6 22.0 33.0





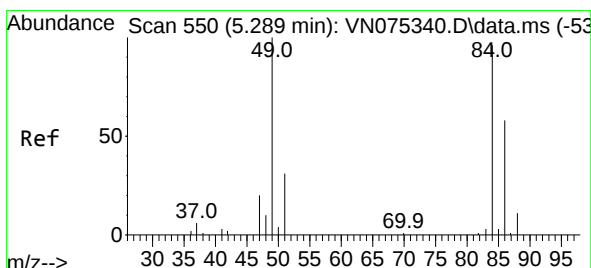
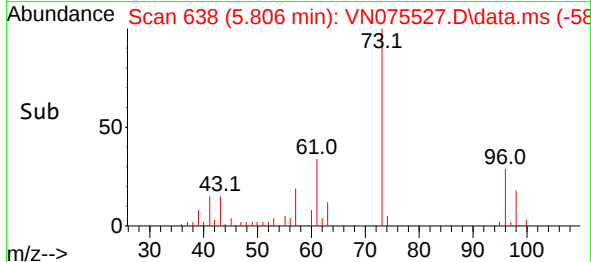
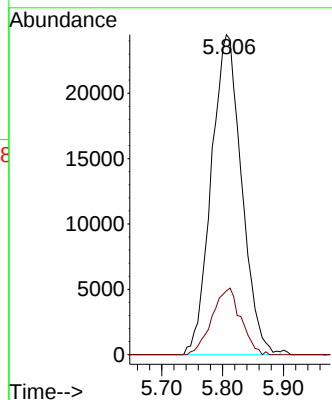
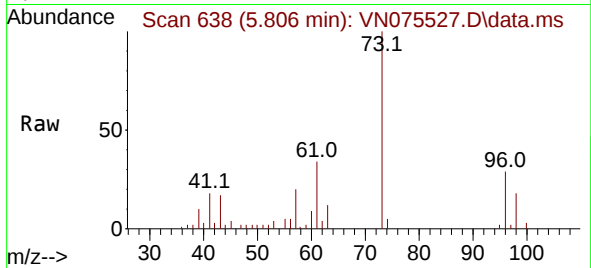
#19
Methyl tert-butyl Ether
Concen: 18.914 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 73 Resp: 84800
Ion Ratio Lower Upper
73 100
57 19.9 16.3 24.5

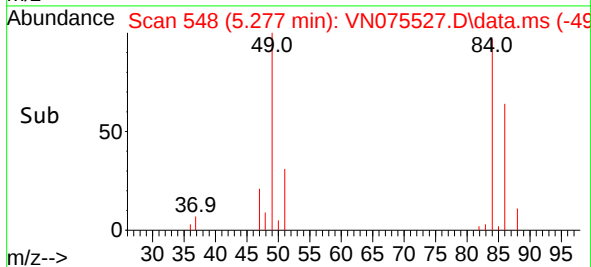
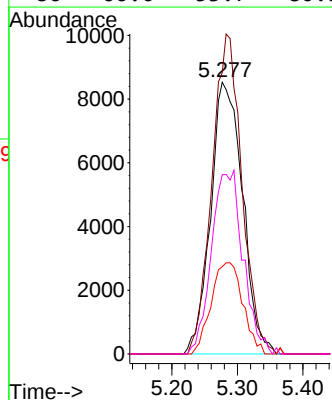
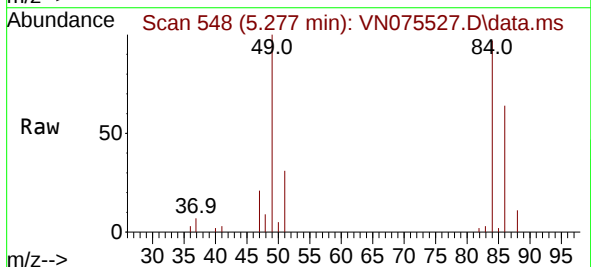
Manual Integrations
APPROVED

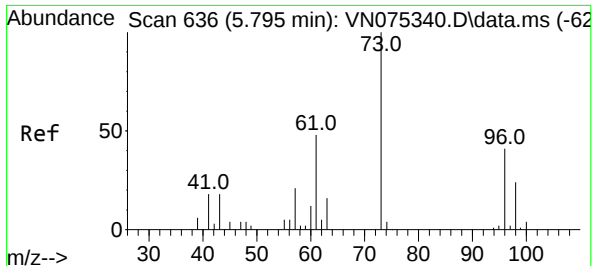
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#20
Methylene Chloride
Concen: 20.003 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

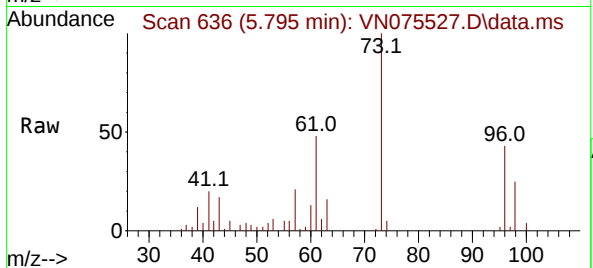
Tgt Ion: 84 Resp: 28820
Ion Ratio Lower Upper
84 100
49 103.6 94.9 142.3
51 32.2 26.8 40.2
86 66.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 17.974 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

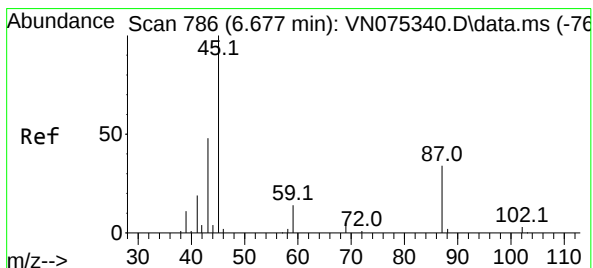
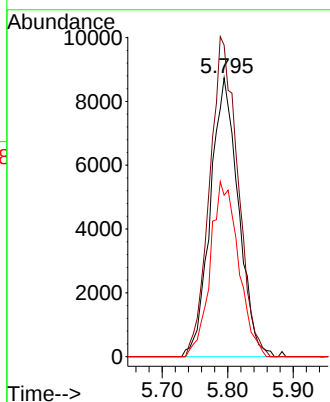
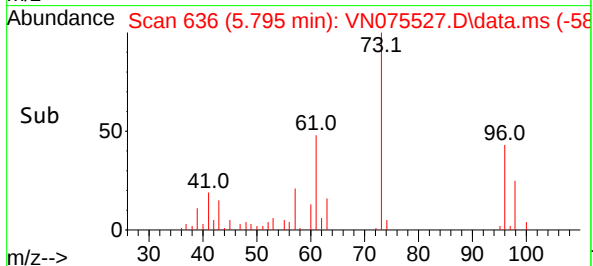
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



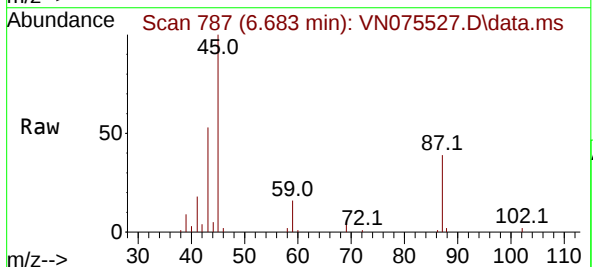
Tgt Ion: 96 Resp: 2592
Ion Ratio Lower Upper
96 100
61 111.7 99.9 149.9
98 57.9 51.5 77.3

Manual Integrations
APPROVED

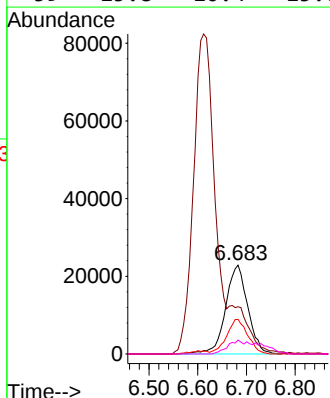
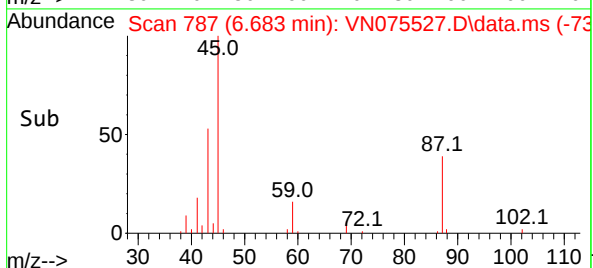
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#22
Diisopropyl ether
Concen: 19.243 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18



Tgt Ion: 45 Resp: 71889
Ion Ratio Lower Upper
45 100
43 51.0 42.8 64.2
87 38.9 28.4 42.6
59 15.8 10.4 15.6#





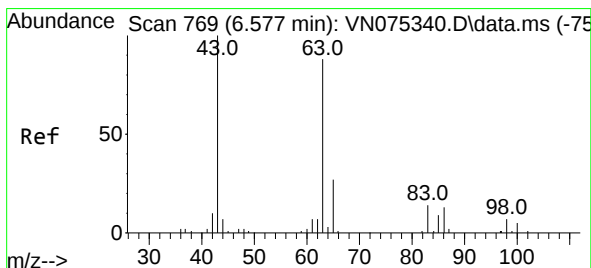
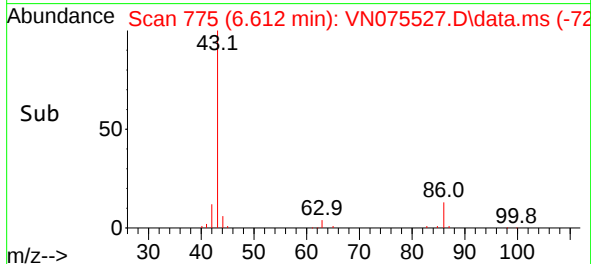
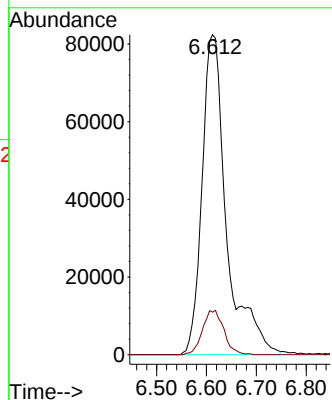
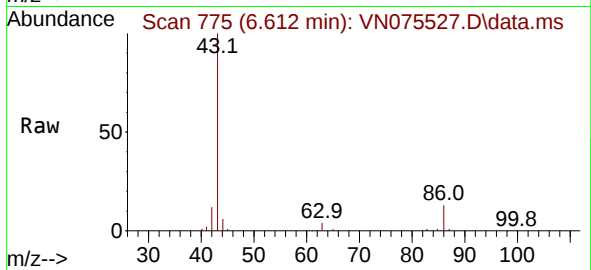
#23
 Vinyl Acetate
 Concen: 94.642 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075527.D
 Acq: 02 Dec 2022 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBSD01

Tgt Ion: 43 Resp: 28128
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.7 16.1

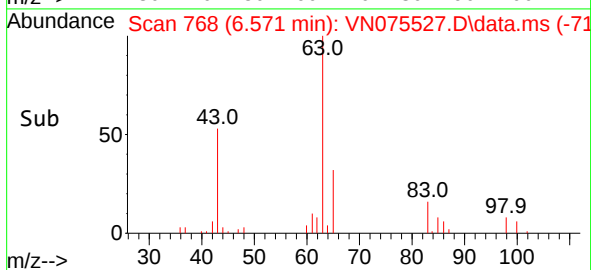
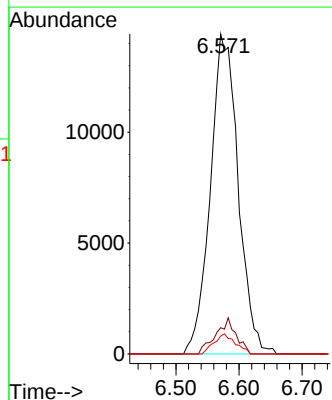
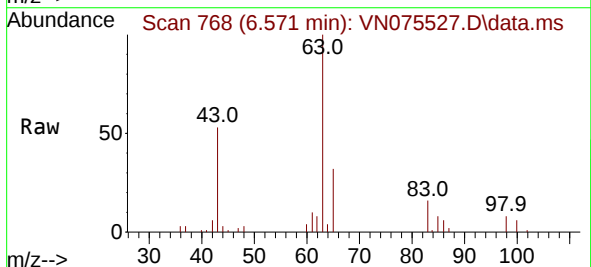
Manual Integrations
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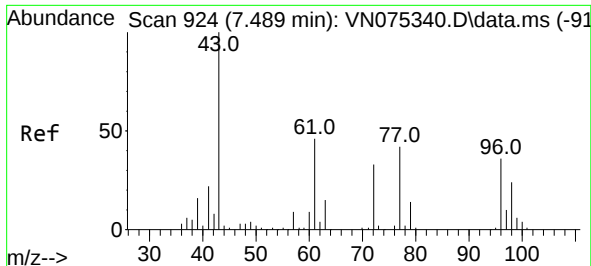
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#24
 1,1-Dichloroethane
 Concen: 18.399 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075527.D
 Acq: 02 Dec 2022 13:18

Tgt Ion: 63 Resp: 44120
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 5.6 2.4 7.2





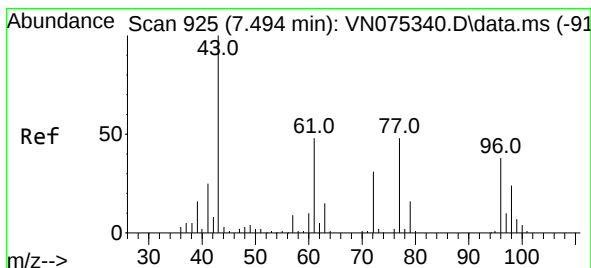
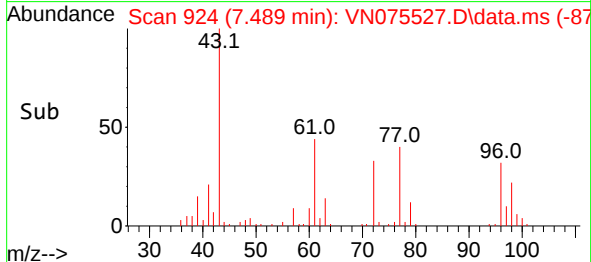
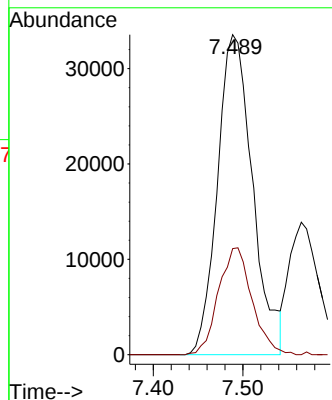
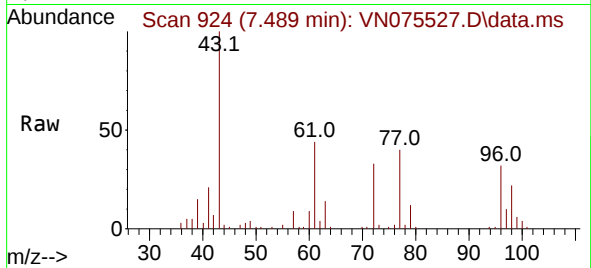
#25
2-Butanone
Concen: 95.584 ug/l
RT: 7.489 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 43 Resp: 91314
Ion Ratio Lower Upper
43 100
72 33.2 25.5 38.3

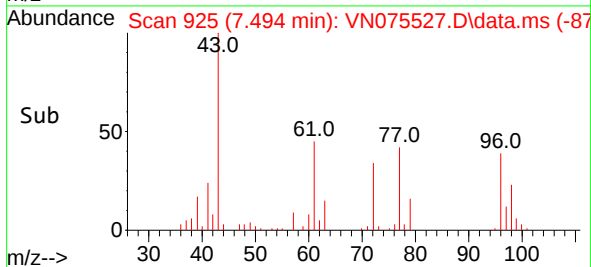
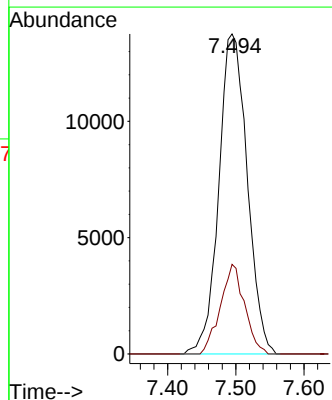
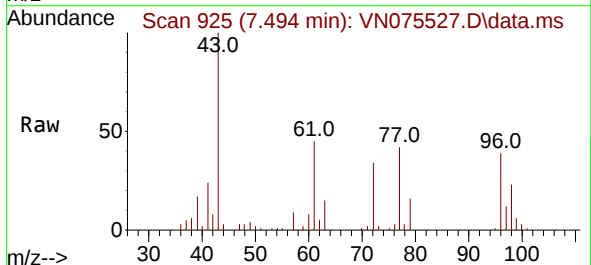
Manual Integrations
APPROVED

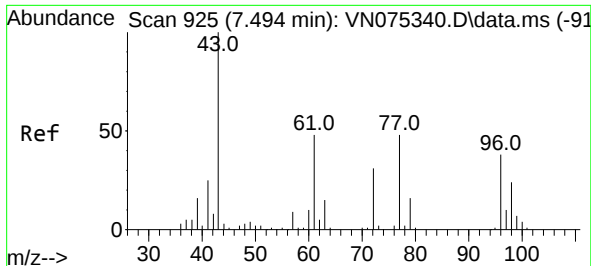
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#26
2,2-Dichloropropane
Concen: 17.906 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 77 Resp: 39905
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.314 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

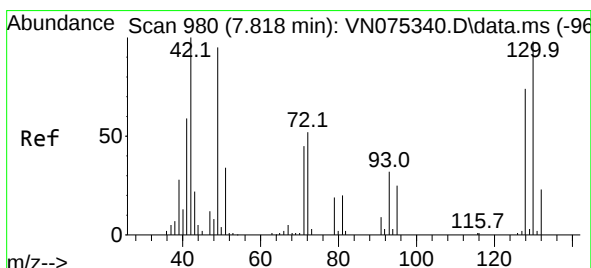
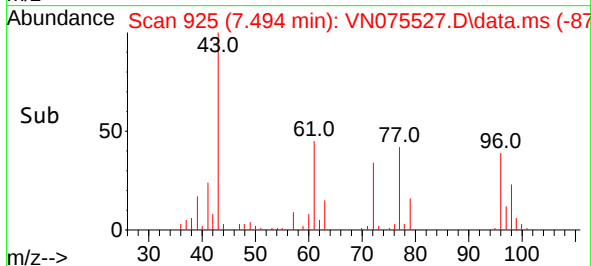
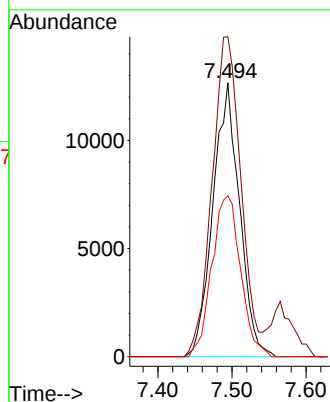
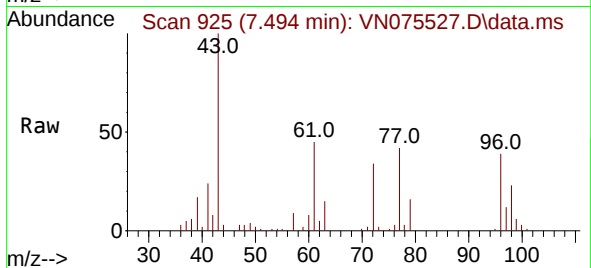
Tgt Ion:	96	Resp:	3149
Ion Ratio	Lower	Upper	
96	100		
61	127.3	0.0	278.8
98	63.6	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#28

Bromochloromethane

Concen: 19.796 ug/l

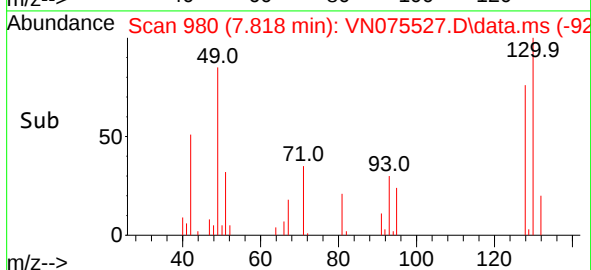
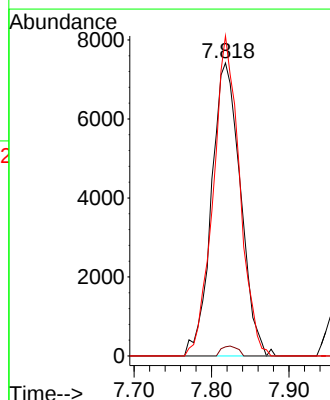
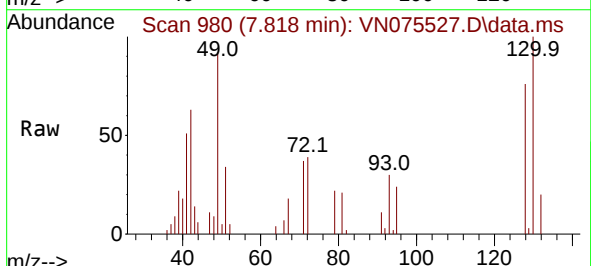
RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

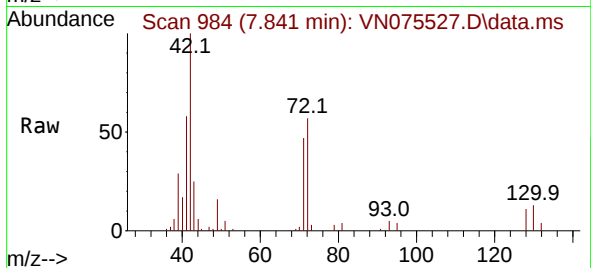
Tgt Ion:	49	Resp:	19268
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	4.6
130	99.7	66.2	99.4





#29
Tetrahydrofuran
Concen: 94.220 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

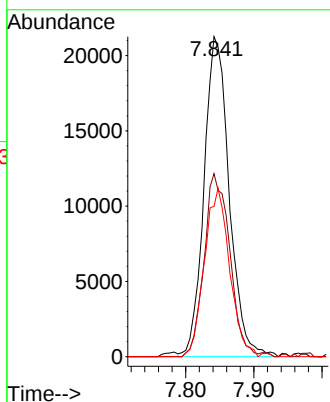
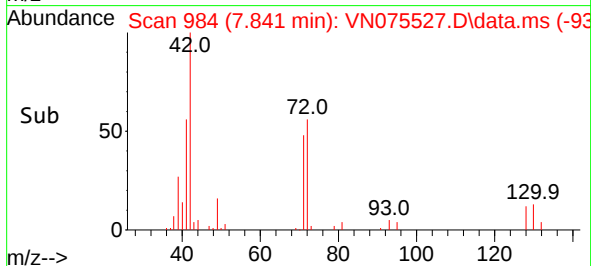
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



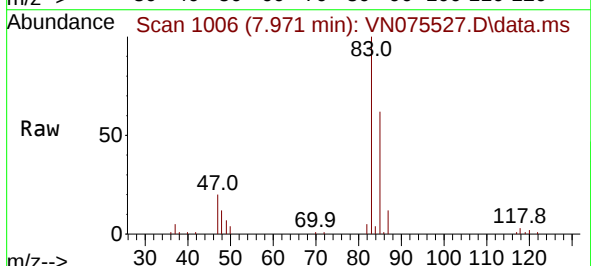
Tgt Ion: 42 Resp: 5475
Ion Ratio Lower Upper
42 100
72 57.8 43.0 64.6
71 52.6 39.9 59.9

Manual Integrations
APPROVED

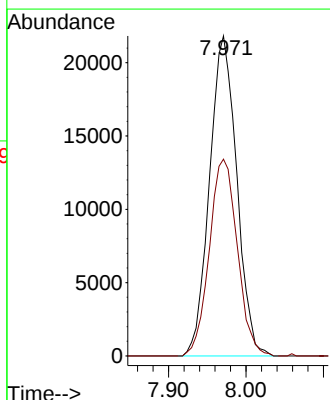
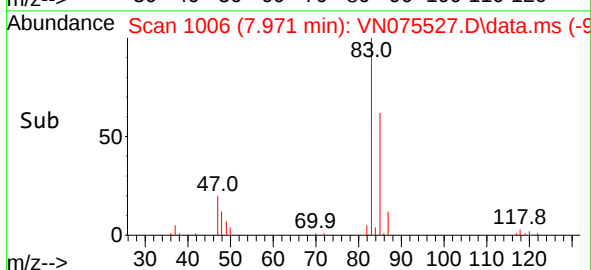
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

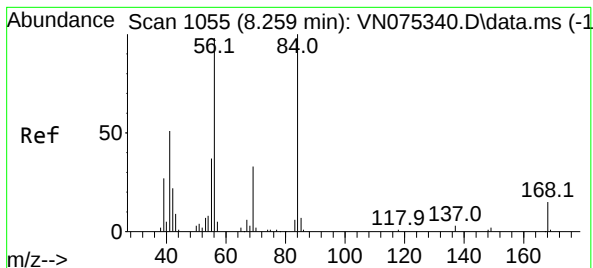


#30
Chloroform
Concen: 19.336 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18



Tgt Ion: 83 Resp: 53246
Ion Ratio Lower Upper
83 100
85 61.5 51.4 77.0





#31

Cyclohexane

Concen: 17.169 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

Tgt Ion: 56 Resp: 40010

Ion Ratio Lower Upper

56 100

69 34.0 25.2 37.8

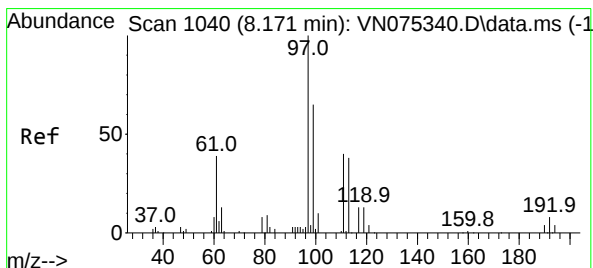
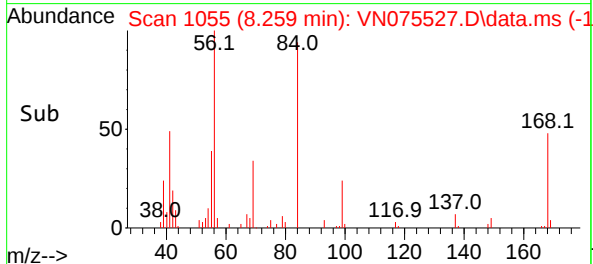
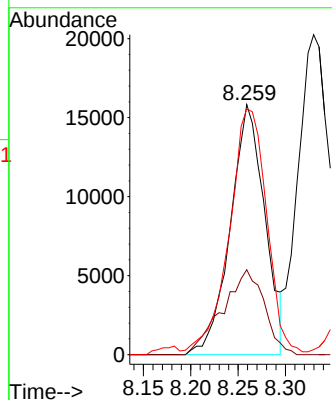
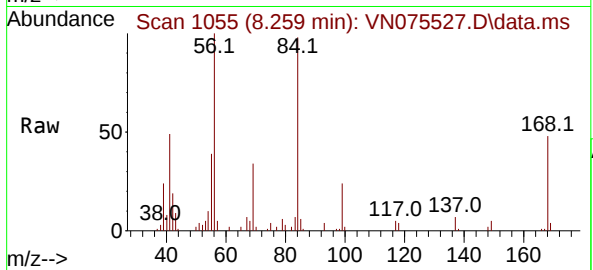
84 96.8 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#32

1,1,1-Trichloroethane

Concen: 18.886 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

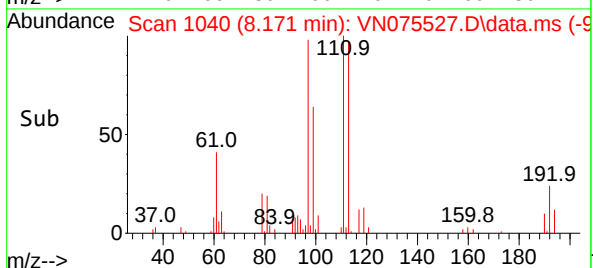
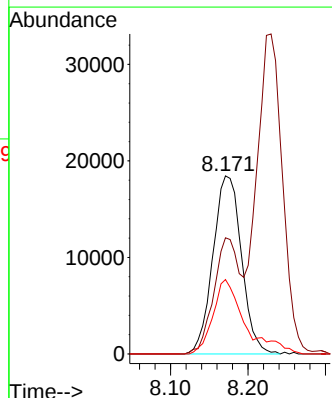
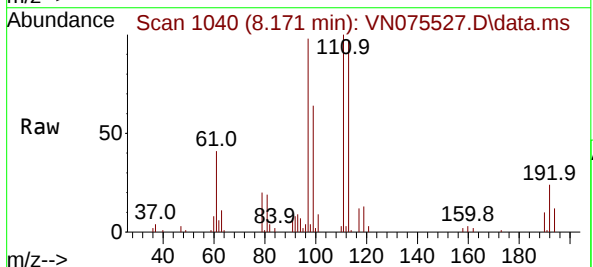
Tgt Ion: 97 Resp: 47221

Ion Ratio Lower Upper

97 100

99 60.4 50.2 75.2

61 46.6 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 51.113 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

Tgt Ion: 65 Resp: 3749

Ion Ratio Lower Upper

65 100

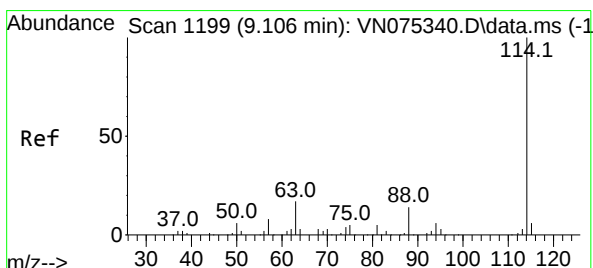
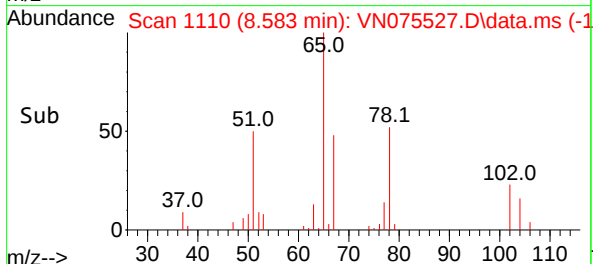
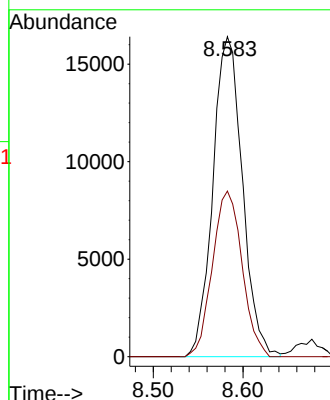
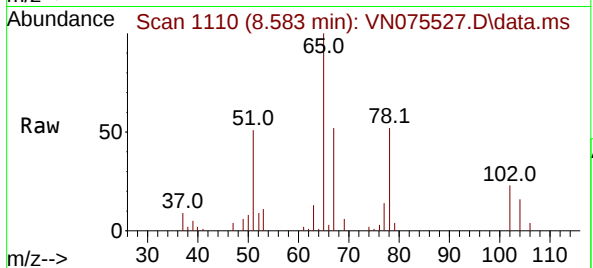
67 51.9 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

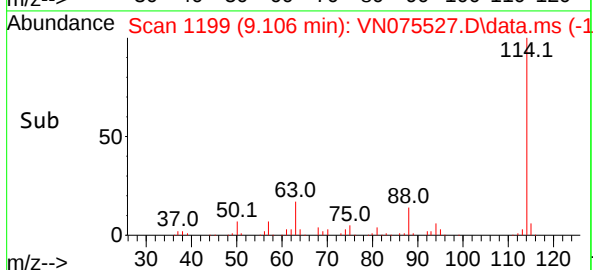
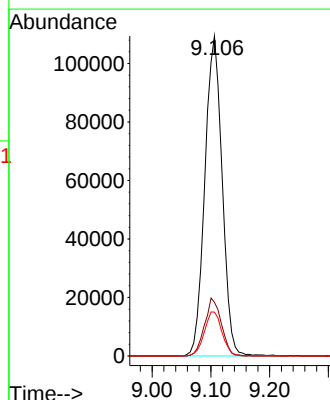
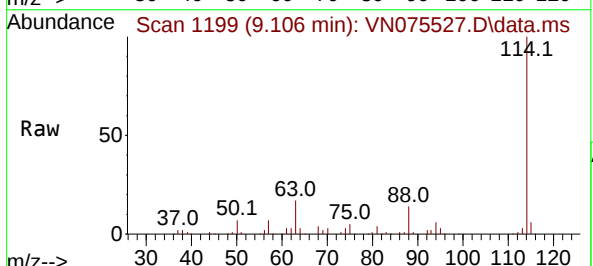
Tgt Ion:114 Resp: 223745

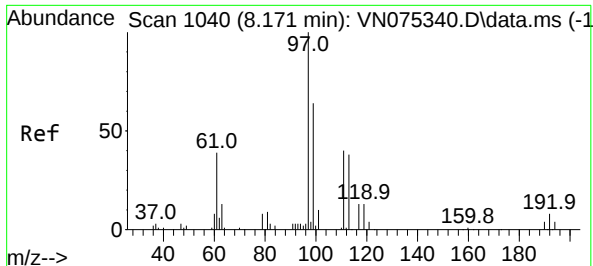
Ion Ratio Lower Upper

114 100

63 16.8 0.0 39.6

88 13.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.461 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

Tgt Ion: 113 Resp: 46989

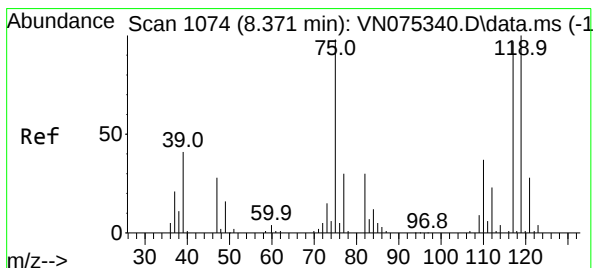
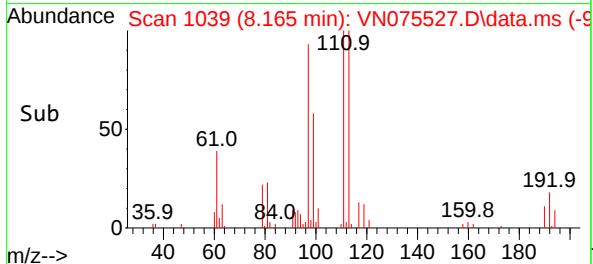
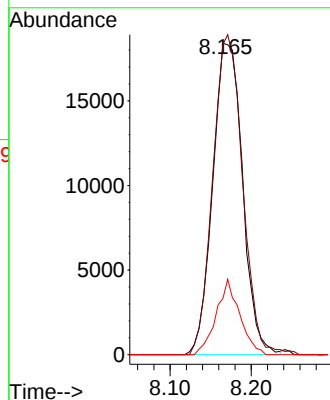
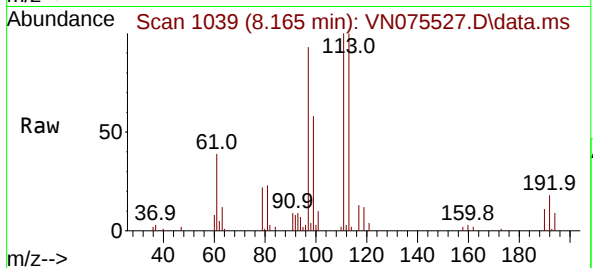
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.5	120.7
192	19.1	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#36

1,1-Dichloropropene

Concen: 18.290 ug/l

RT: 8.377 min Scan# 1075

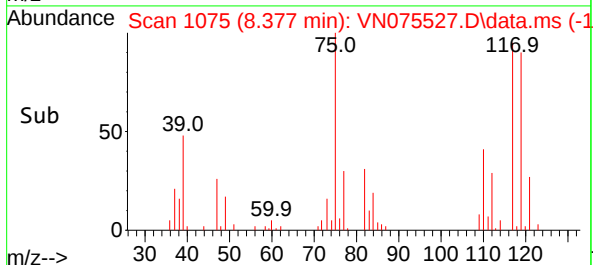
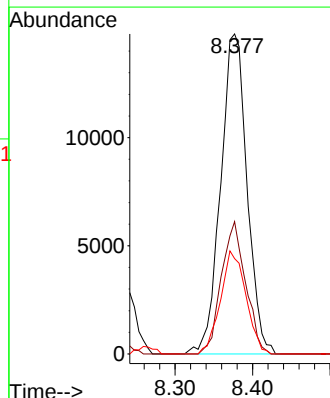
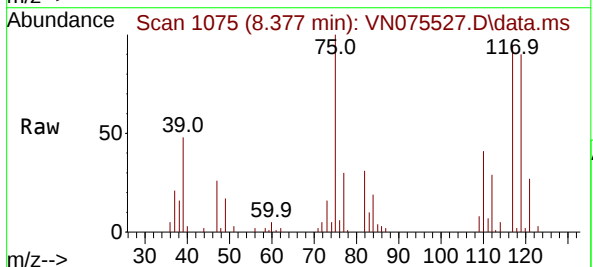
Delta R.T. 0.006 min

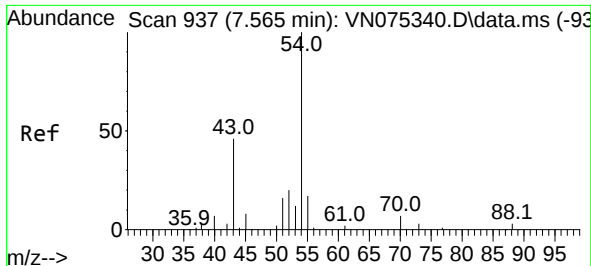
Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Tgt Ion: 75 Resp: 35058

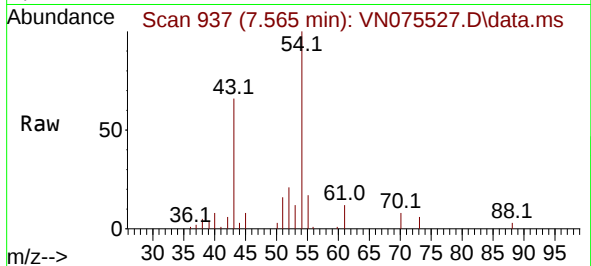
Ion	Ratio	Lower	Upper
75	100		
110	38.1	17.8	53.3
77	31.1	24.6	37.0





#37
Ethyl Acetate
Concen: 18.823 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

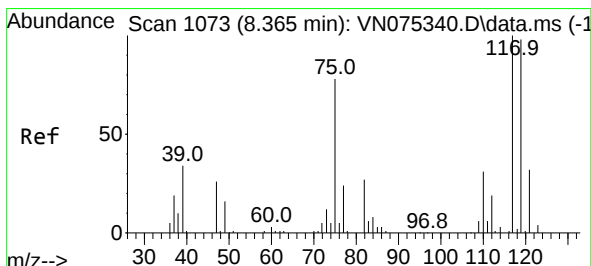
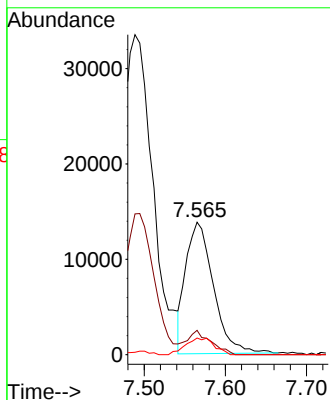
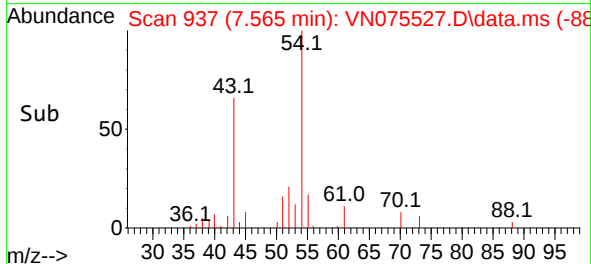
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



Tgt Ion: 43 Resp: 3248
Ion Ratio Lower Upper
43 100
61 16.1 12.2 18.4
70 13.1 9.4 14.2

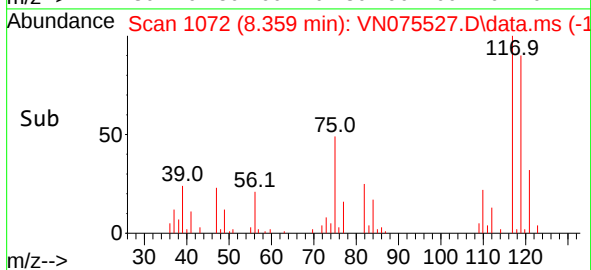
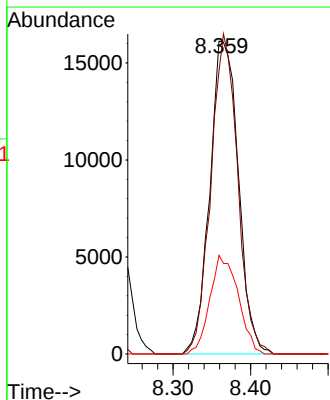
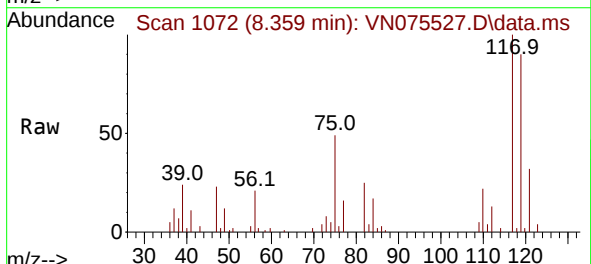
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#38
Carbon Tetrachloride
Concen: 19.655 ug/l
RT: 8.359 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 117 Resp: 41385
Ion Ratio Lower Upper
117 100
119 90.4 76.7 115.1
121 31.5 23.9 35.9





#39

Methylcyclohexane

Concen: 18.049 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

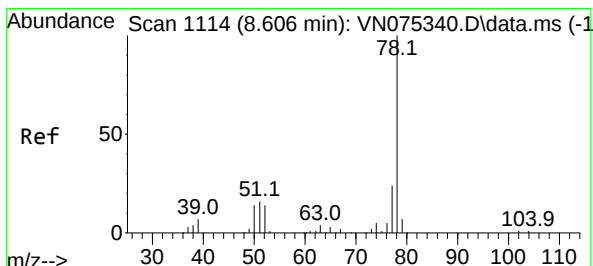
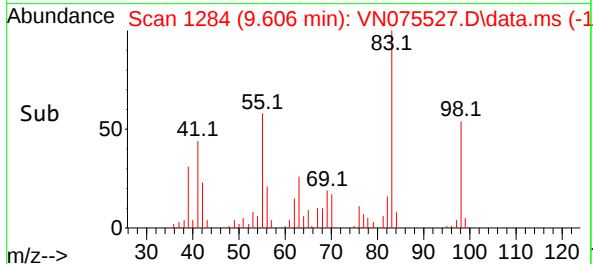
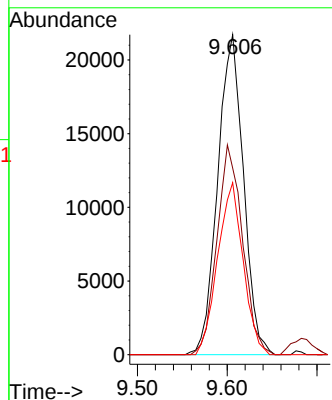
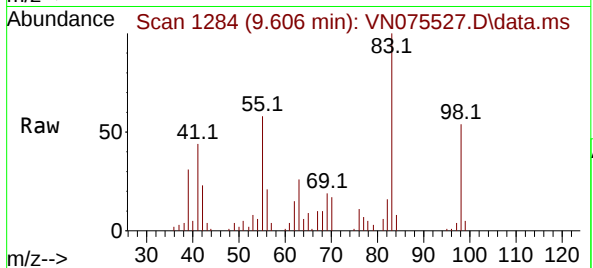
Tgt Ion: 83 Resp: 43298
 Ion Ratio Lower Upper
 83 100
 55 58.3 53.6 80.4
 98 53.7 41.1 61.7

Manual Integrations

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Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#40

Benzene

Concen: 19.090 ug/l

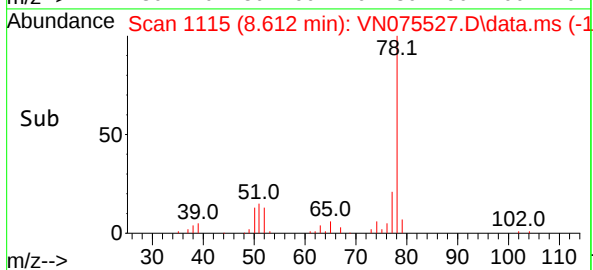
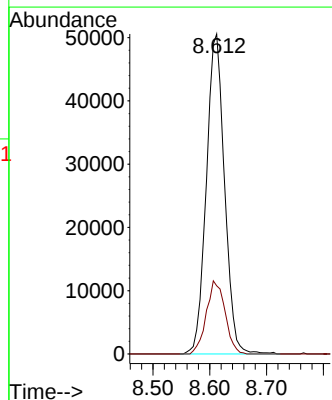
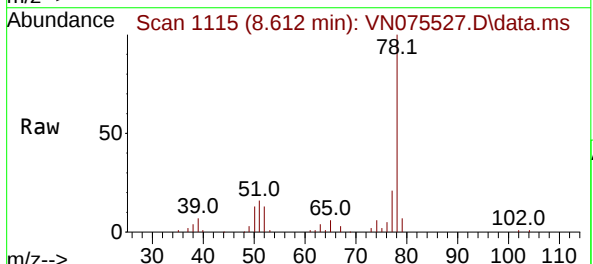
RT: 8.612 min Scan# 1115

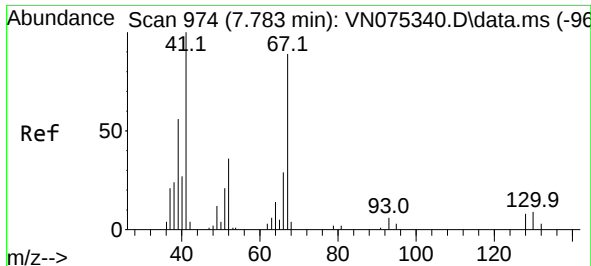
Delta R.T. 0.006 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Tgt Ion: 78 Resp: 112033
 Ion Ratio Lower Upper
 78 100
 77 21.3 19.4 29.0





#41
Methacrylonitrile
Concen: 20.631 ug/l
RT: 7.789 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

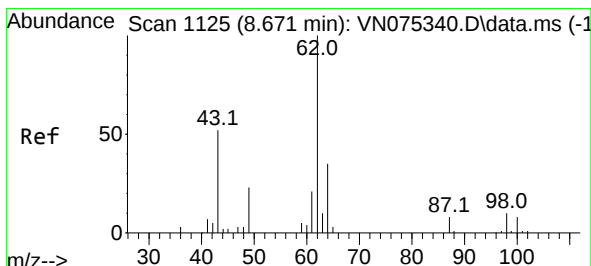
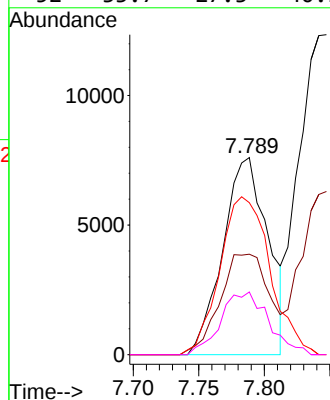
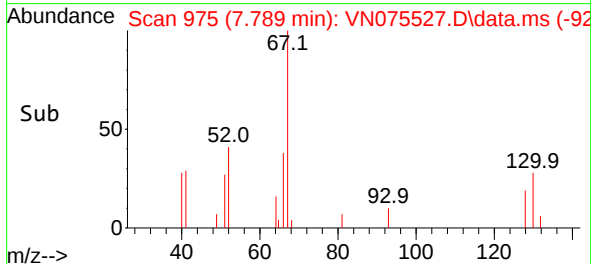
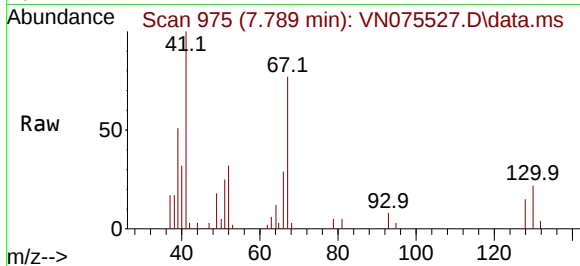
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 41 Resp: 18204

Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.4	66.6
67	89.4	69.8	104.6
52	33.7	27.3	40.9

Manual Integrations
APPROVED

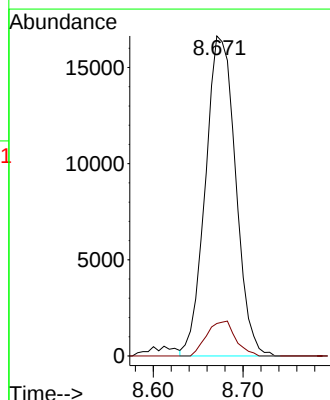
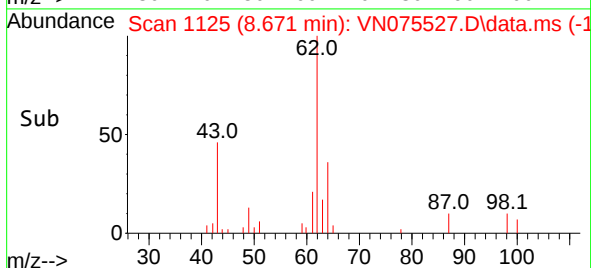
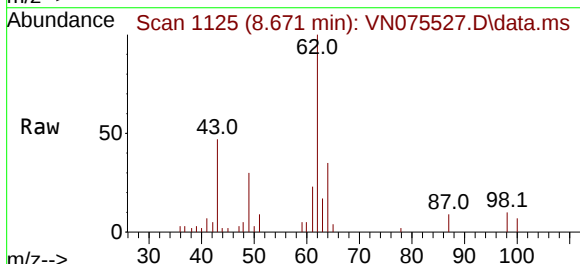
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

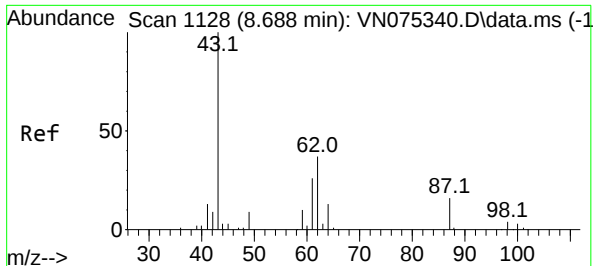


#42
1,2-Dichloroethane
Concen: 19.757 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 62 Resp: 38831

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 20.015 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

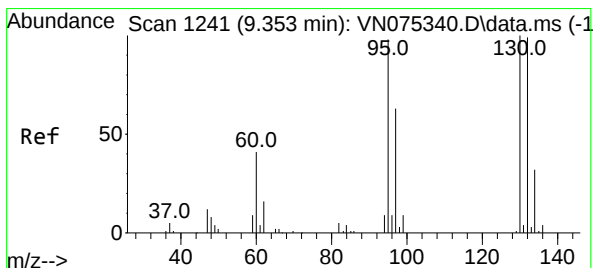
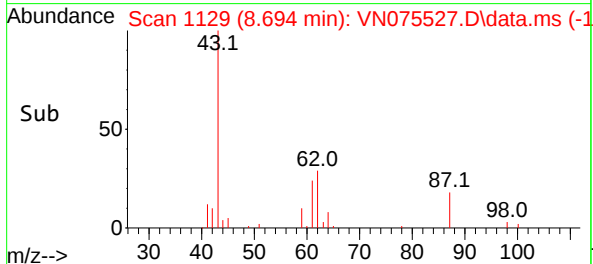
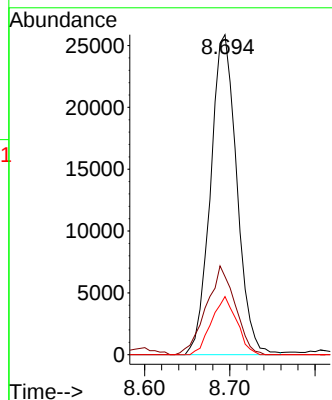
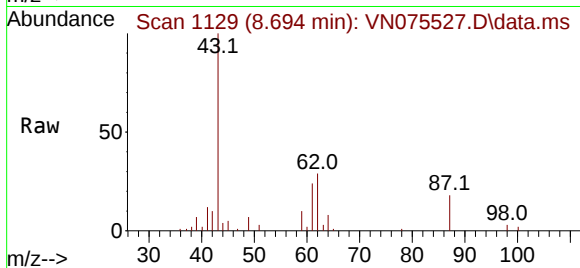
Tgt Ion: 43	Resp: 5544
Ion Ratio	Lower Upper
43 100	
61 30.4	22.4 33.6
87 17.4	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#44

Trichloroethene

Concen: 18.909 ug/l

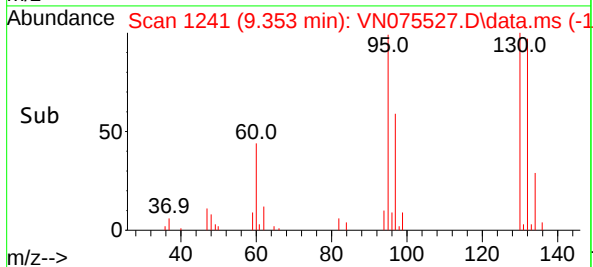
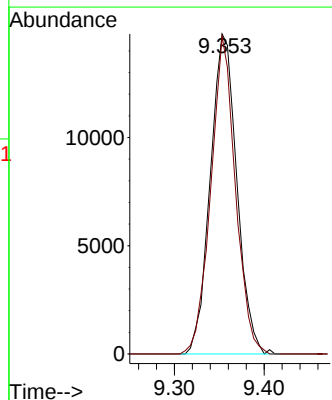
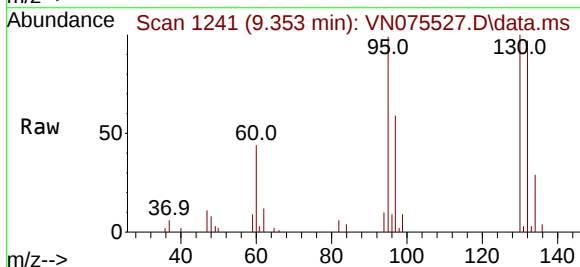
RT: 9.353 min Scan# 1241

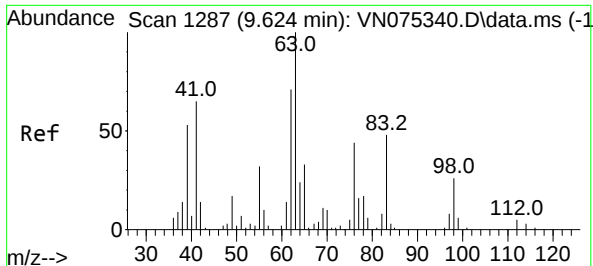
Delta R.T. 0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Tgt Ion:130	Resp: 30364
Ion Ratio	Lower Upper
130 100	
95 99.2	0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.170 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

Tgt Ion: 63 Resp: 26810

Ion Ratio Lower Upper

63 100

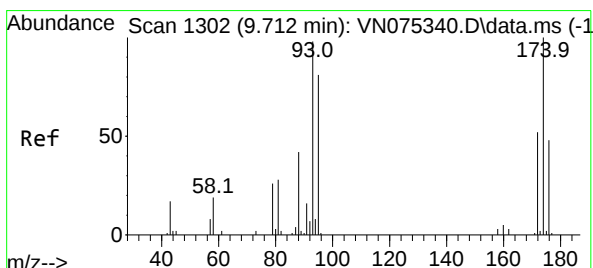
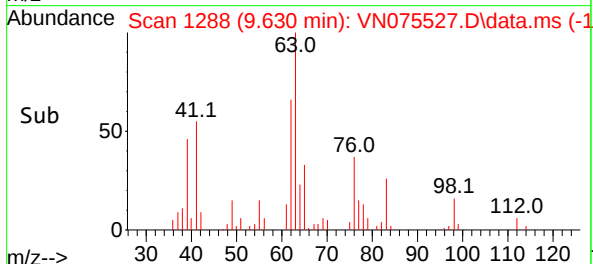
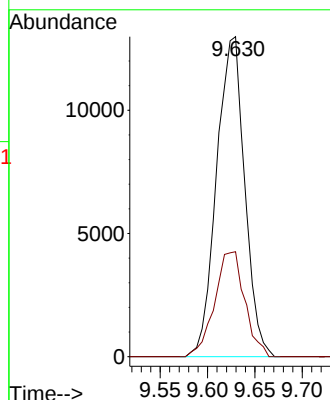
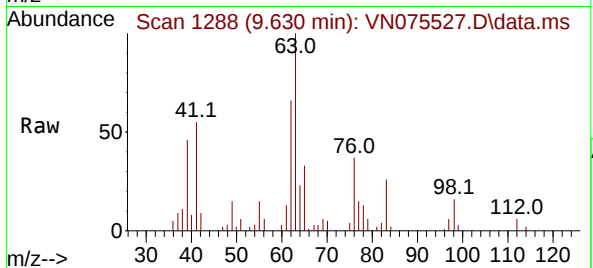
65 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#46

Dibromomethane

Concen: 20.273 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

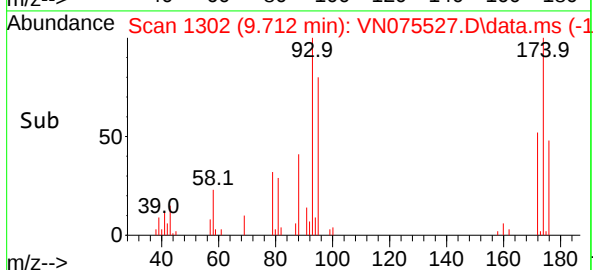
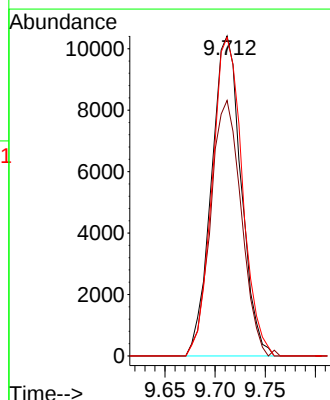
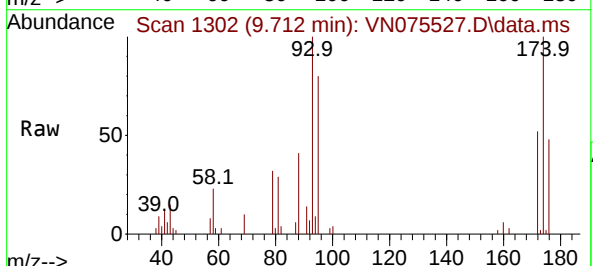
Tgt Ion: 93 Resp: 21445

Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 100.7 70.3 105.5





#47

Bromodichloromethane

Concen: 19.987 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

Tgt Ion: 83 Resp: 40944

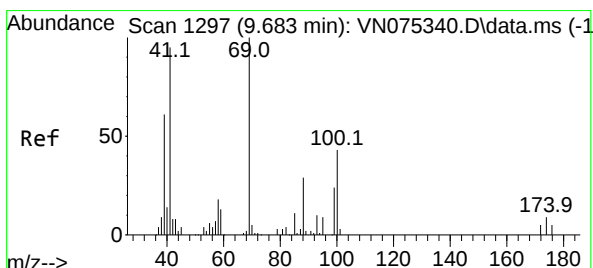
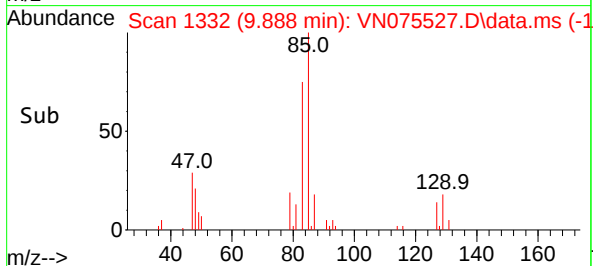
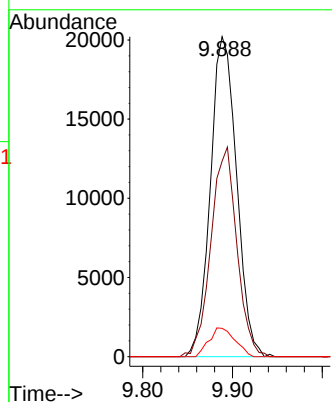
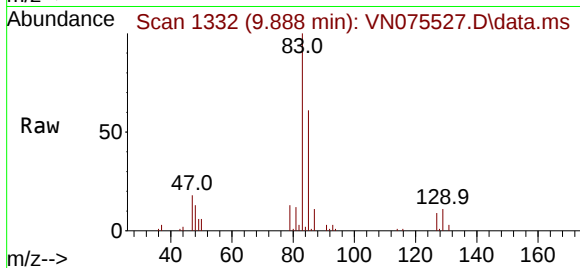
Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.1	78.1
127	8.8	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#48

Methyl methacrylate

Concen: 20.076 ug/l

RT: 9.683 min Scan# 1297

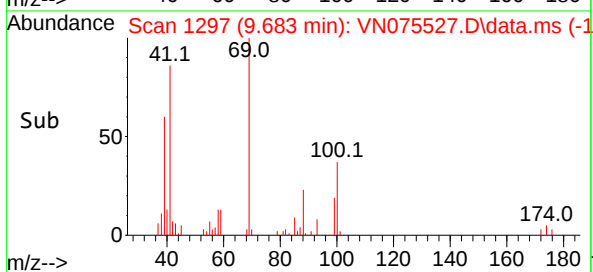
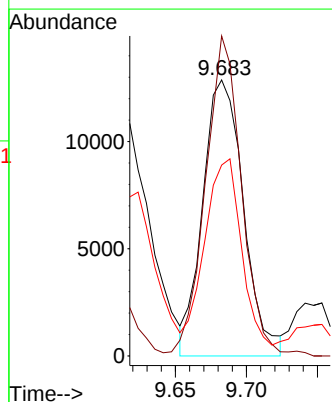
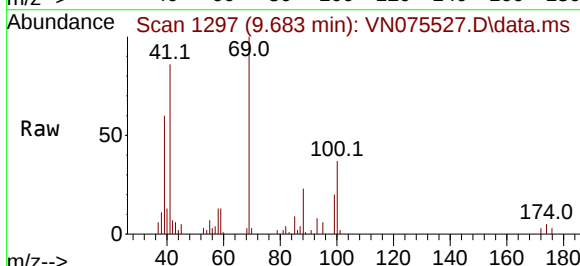
Delta R.T. -0.000 min

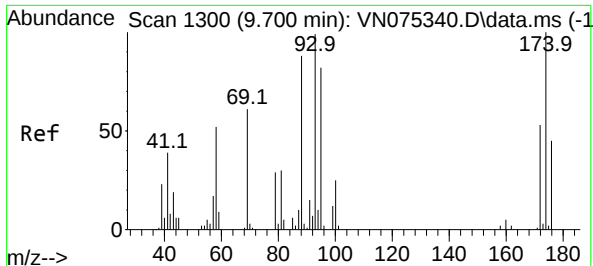
Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Tgt Ion: 41 Resp: 25717

Ion	Ratio	Lower	Upper
41	100		
69	102.8	80.2	120.2
39	66.9	56.2	84.2





#49

1,4-Dioxane

Concen: 410.293 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

Tgt Ion: 88 Resp: 14924

Ion Ratio Lower Upper

88 100

43 20.2 17.5 26.3

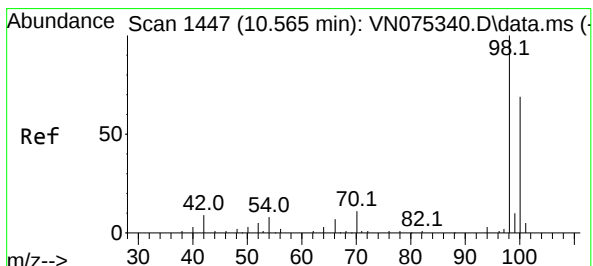
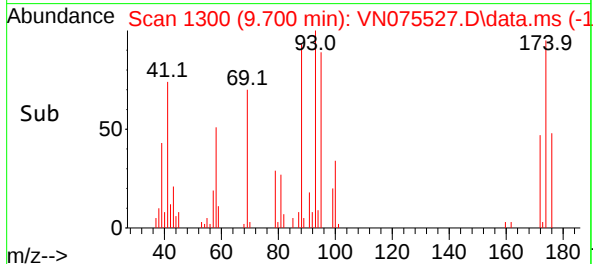
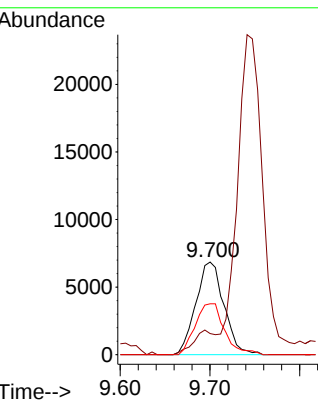
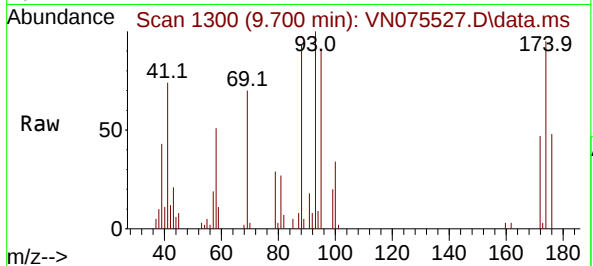
58 57.2 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#50

Toluene-d8

Concen: 51.135 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075527.D

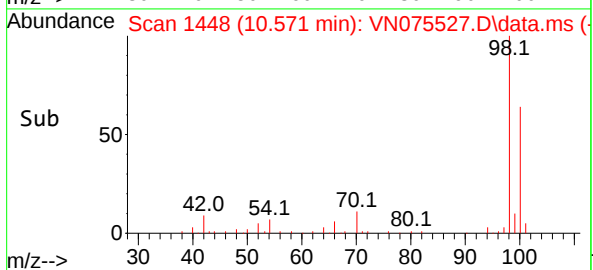
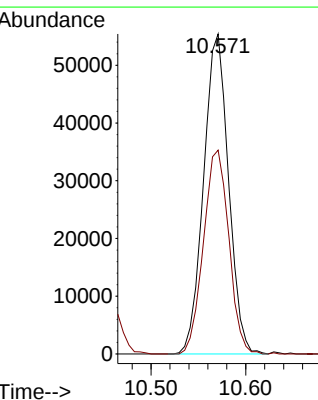
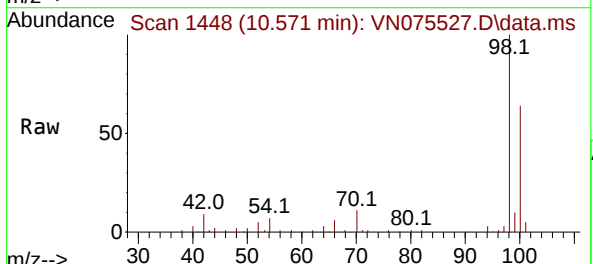
Acq: 02 Dec 2022 13:18

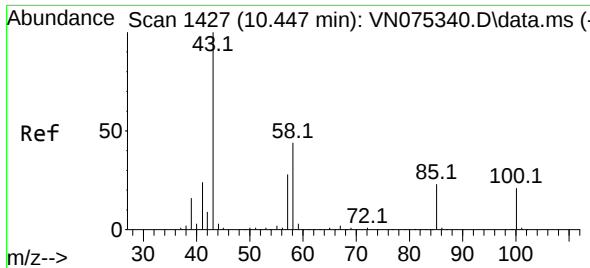
Tgt Ion: 98 Resp: 101228

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.6





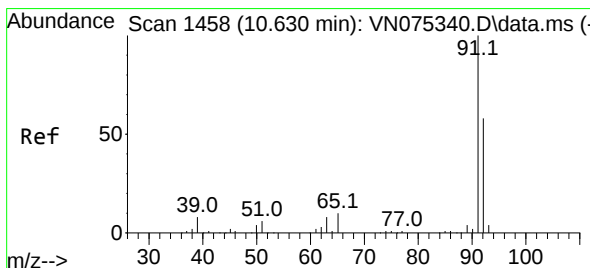
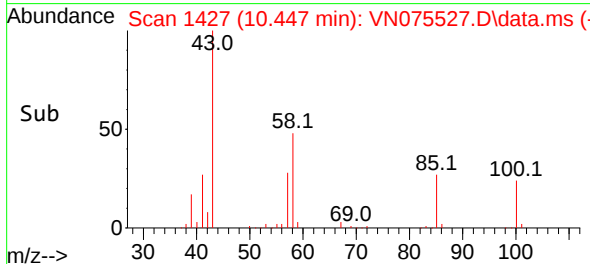
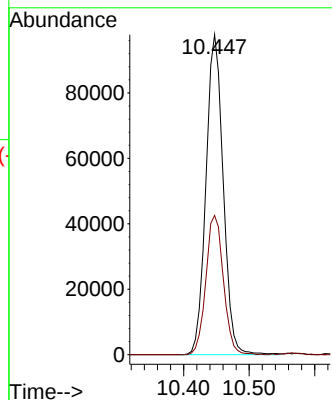
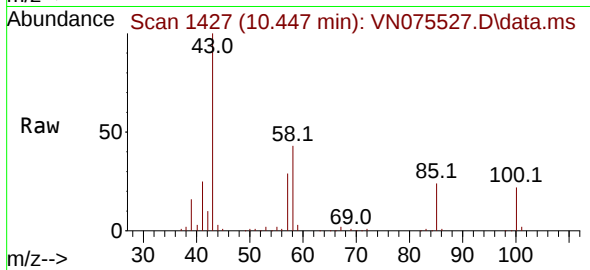
#51
4-Methyl-2-Pentanone
Concen: 101.459 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 43 Resp: 17902
Ion Ratio Lower Upper
43 100
58 44.2 33.6 50.4

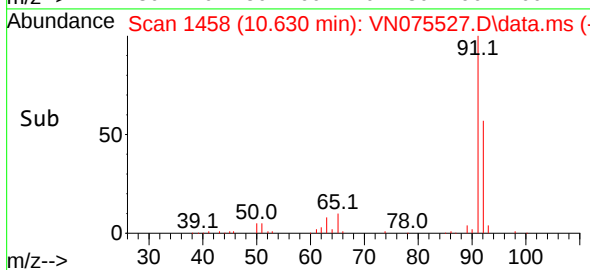
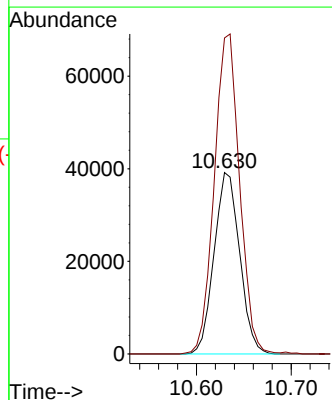
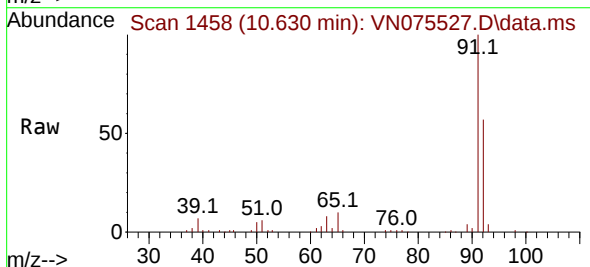
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#52
Toluene
Concen: 19.417 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 92 Resp: 73429
Ion Ratio Lower Upper
92 100
91 174.8 135.4 203.2





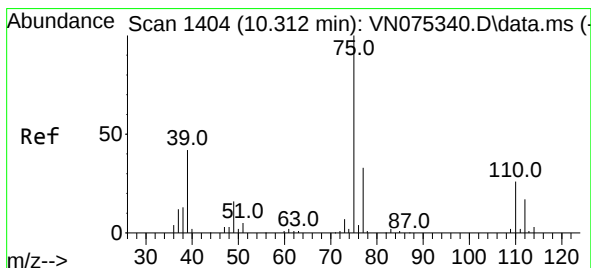
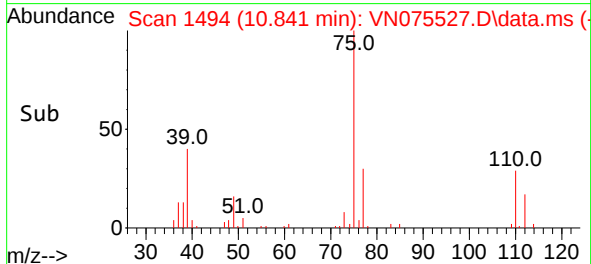
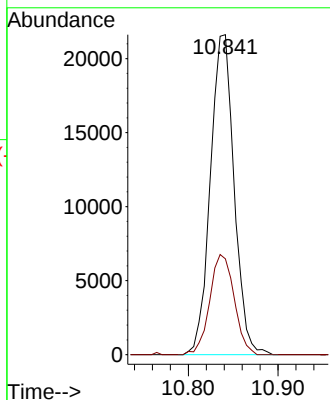
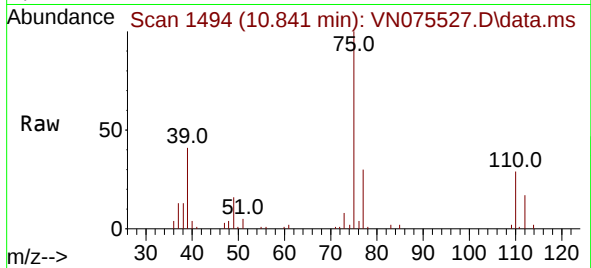
#53
t-1,3-Dichloropropene
Concen: 19.309 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 75 Resp: 39710
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.2

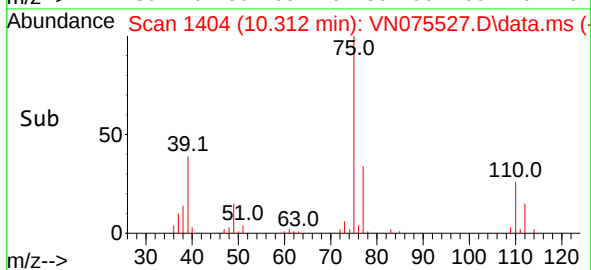
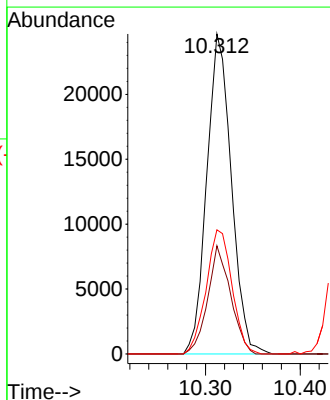
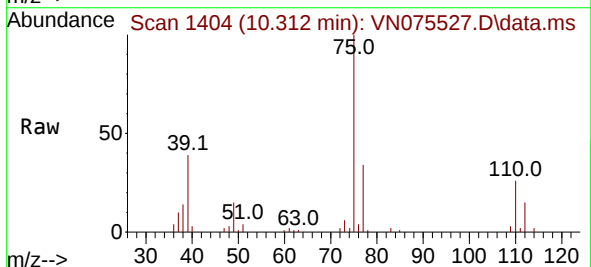
Manual Integrations
APPROVED

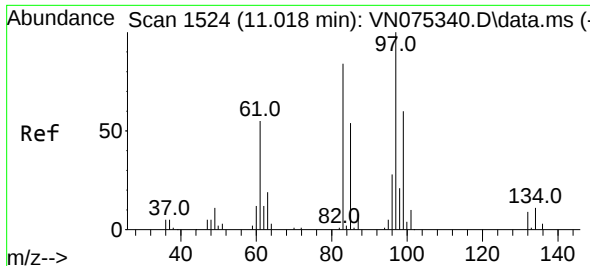
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#54
cis-1,3-Dichloropropene
Concen: 19.917 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 75 Resp: 44487
Ion Ratio Lower Upper
75 100
77 33.8 23.7 35.5
39 38.8 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.186 ug/l
RT: 11.018 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

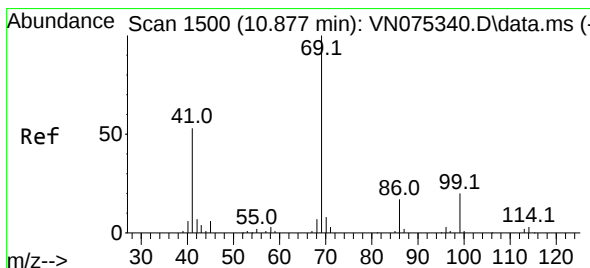
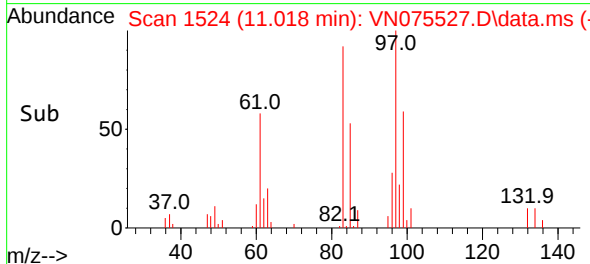
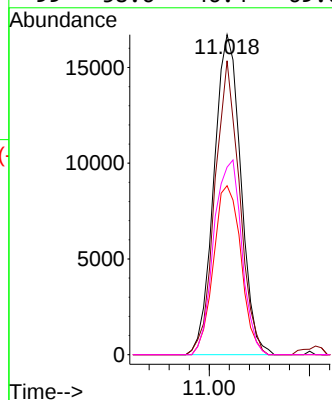
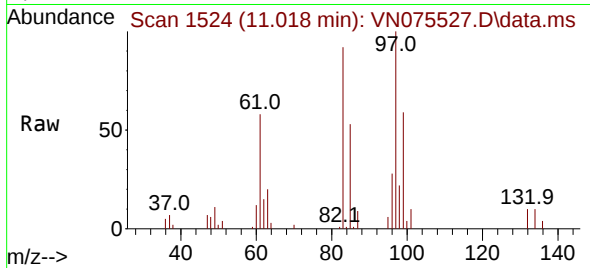
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 97 Resp: 31092

Ion	Ratio	Lower	Upper
97	100		
83	91.8	65.9	98.9
85	52.8	40.4	60.6
99	58.6	46.4	69.6

Manual Integrations
APPROVED

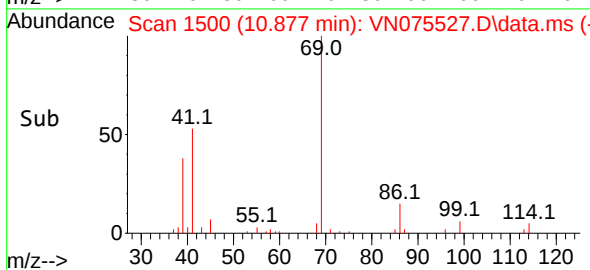
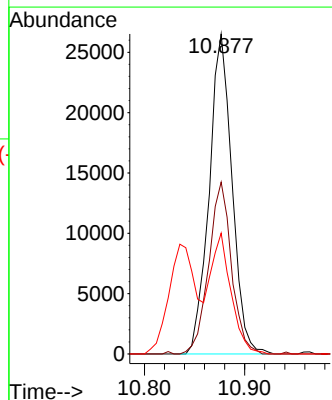
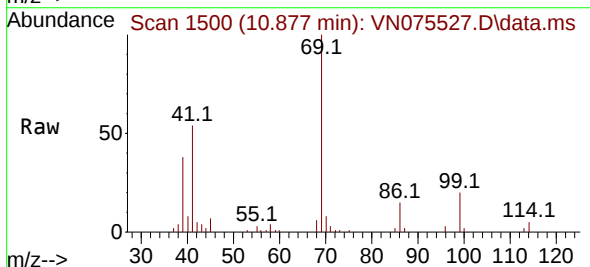
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

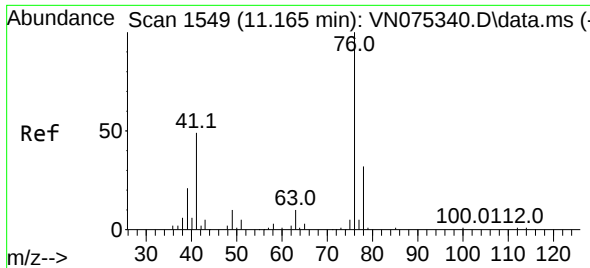


#56
Ethyl methacrylate
Concen: 20.225 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion: 69 Resp: 42071

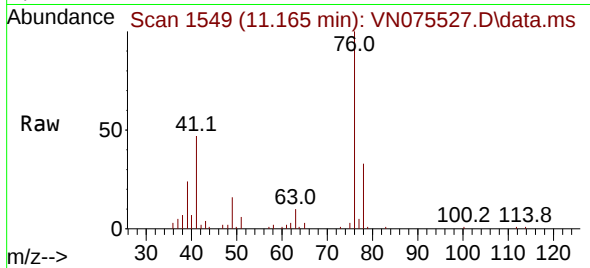
Ion	Ratio	Lower	Upper
69	100		
41	53.4	45.6	68.4
39	33.5	28.5	42.7





#57
1,3-Dichloropropane
Concen: 20.201 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

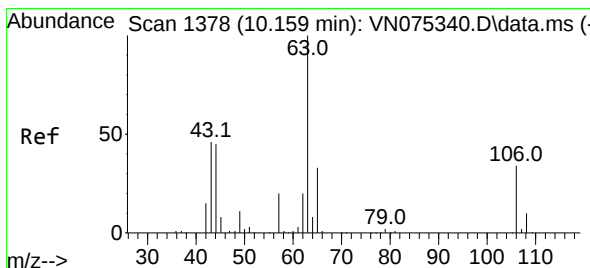
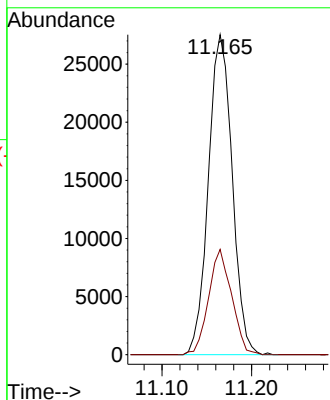
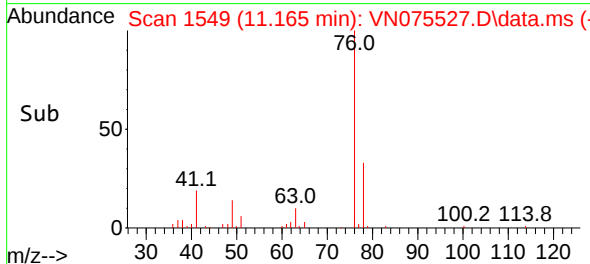
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



Tgt Ion: 76 Resp: 50730
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.6

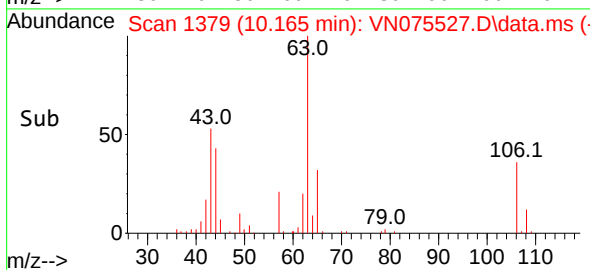
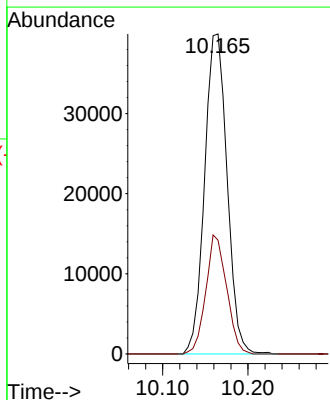
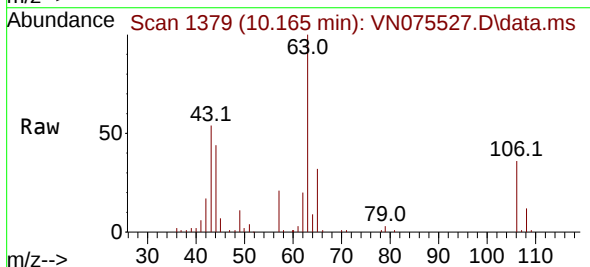
Manual Integrations
APPROVED

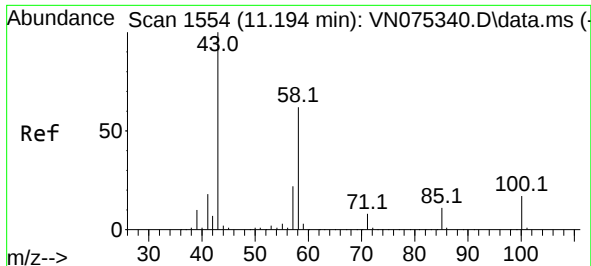
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 97.534 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

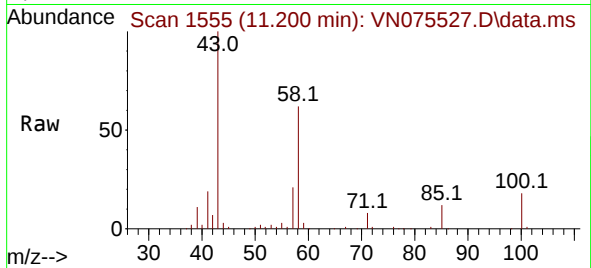
Tgt Ion: 63 Resp: 73171
Ion Ratio Lower Upper
63 100
106 34.4 24.8 37.2





#59
2-Hexanone
Concen: 99.108 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

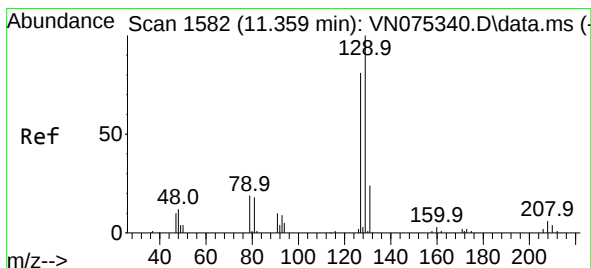
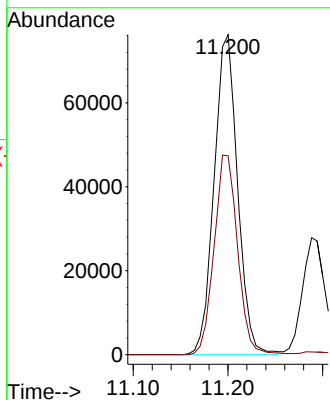
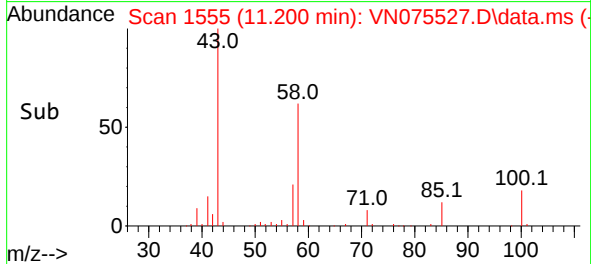
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



Tgt Ion: 43 Resp: 13131
Ion Ratio Lower Upper
43 100
58 62.4 29.6 88.8

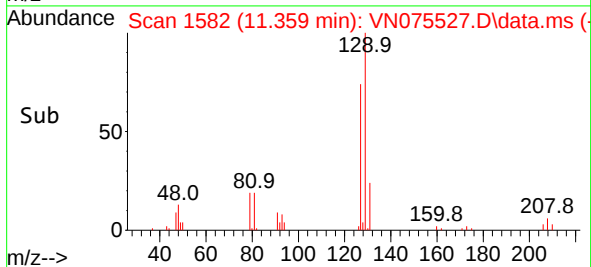
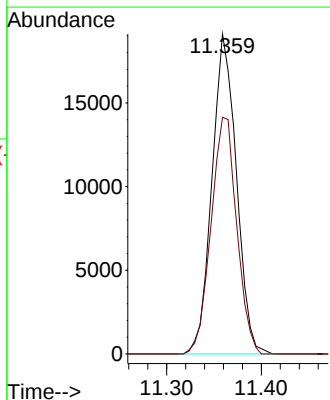
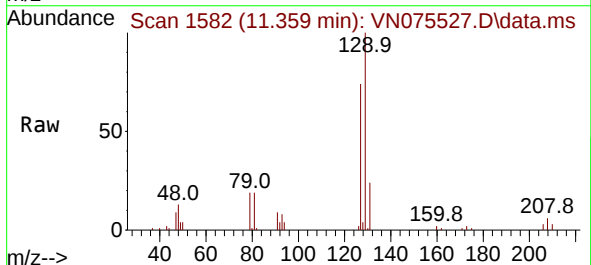
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#60
Dibromochloromethane
Concen: 21.614 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

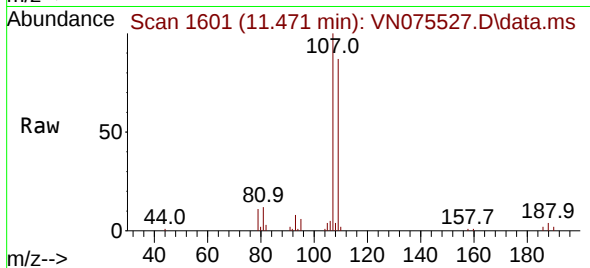
Tgt Ion:129 Resp: 34173
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.557 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

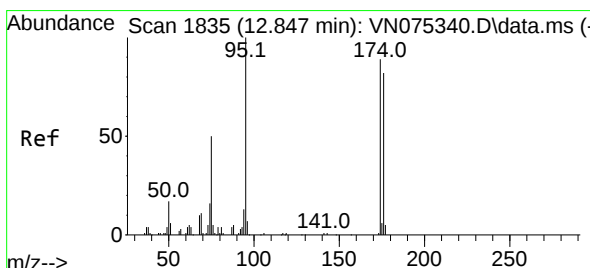
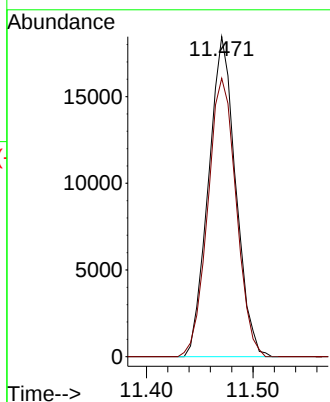
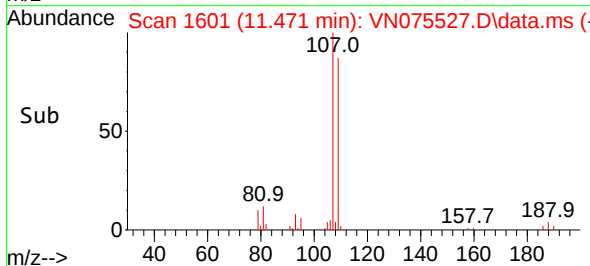
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



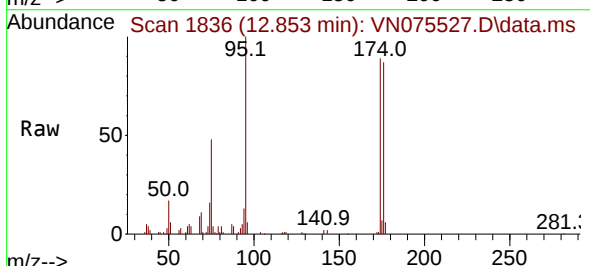
Tgt Ion:107 Resp: 3286
Ion Ratio Lower Upper
107 100
109 90.3 75.6 113.4

Manual Integrations
APPROVED

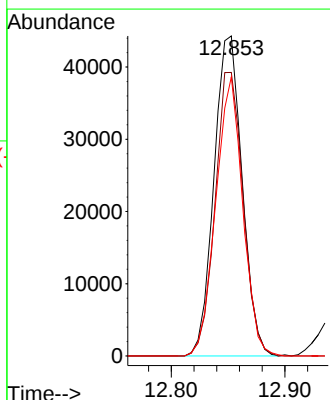
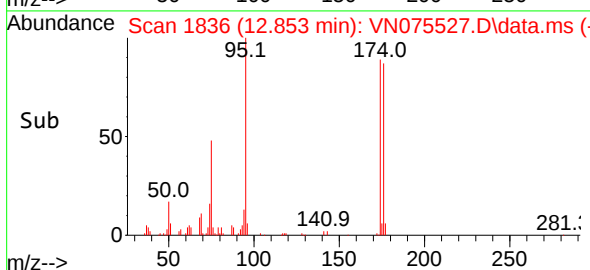
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

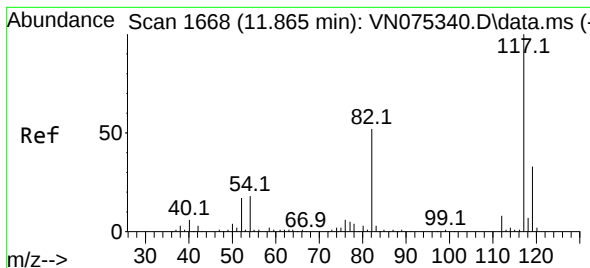


#62
4-Bromofluorobenzene
Concen: 52.220 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18



Tgt Ion: 95 Resp: 76303
Ion Ratio Lower Upper
95 100
174 88.2 0.0 147.4
176 83.5 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

Tgt Ion:117 Resp: 20041

Ion Ratio Lower Upper

117 100

82 50.8 43.1 64.7

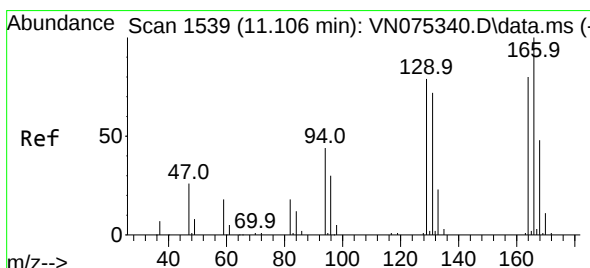
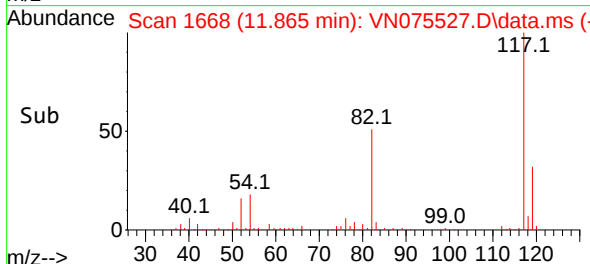
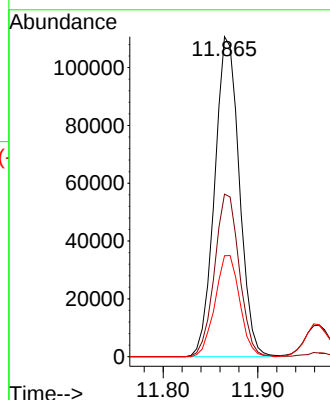
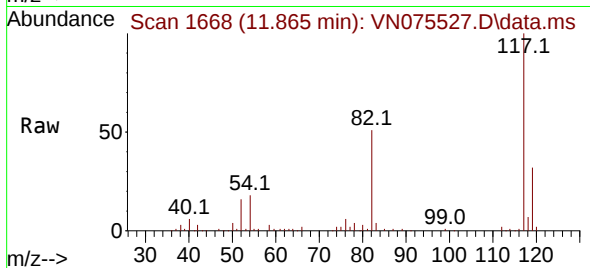
119 31.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#64

Tetrachloroethene

Concen: 18.228 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Tgt Ion:164 Resp: 27898

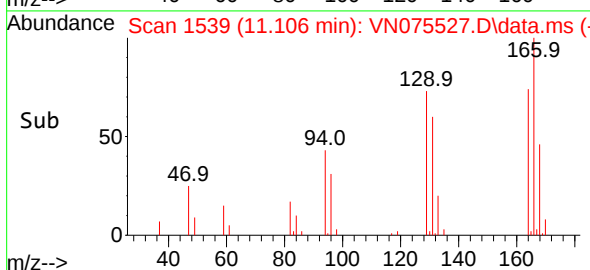
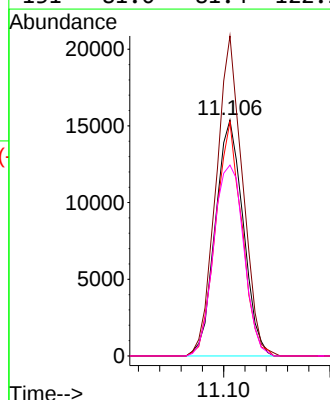
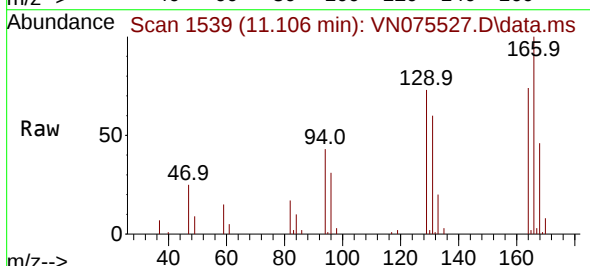
Ion Ratio Lower Upper

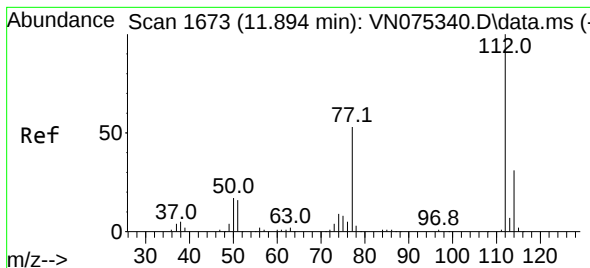
164 100

166 135.7 106.5 159.7

129 99.3 81.9 122.9

131 81.0 81.4 122.2#





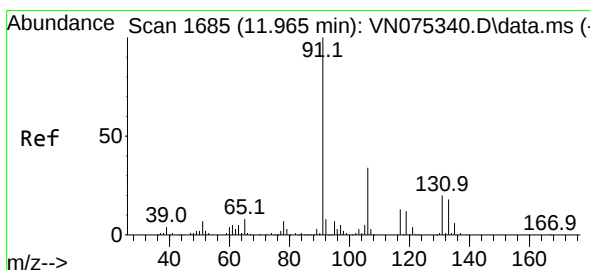
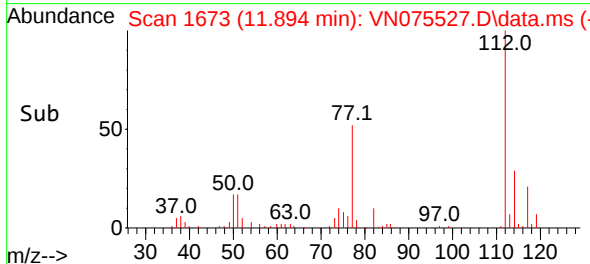
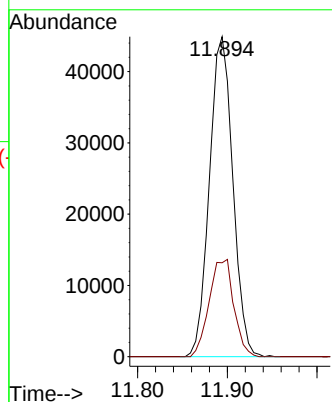
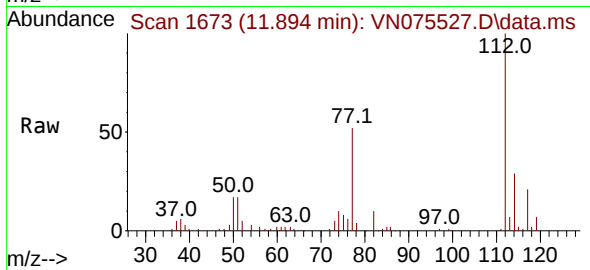
#65
Chlorobenzene
Concen: 19.649 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion:112 Resp: 8132
Ion Ratio Lower Upper
112 100
114 29.4 25.4 38.2

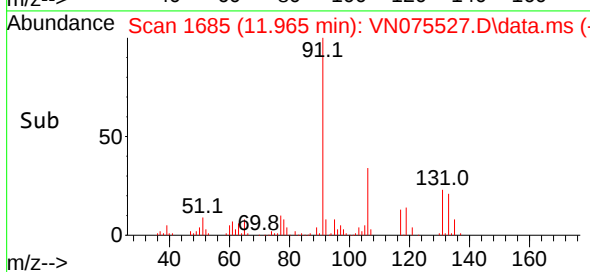
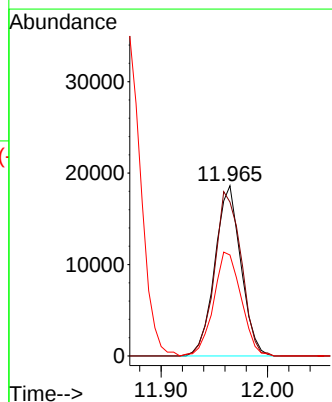
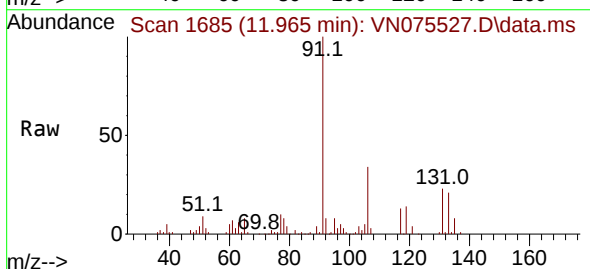
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.494 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

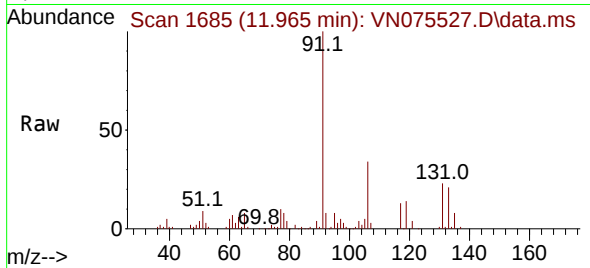
Tgt Ion:131 Resp: 31658
Ion Ratio Lower Upper
131 100
133 99.3 47.8 143.4
119 64.4 33.0 99.0





#67
Ethyl Benzene
Concen: 19.728 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

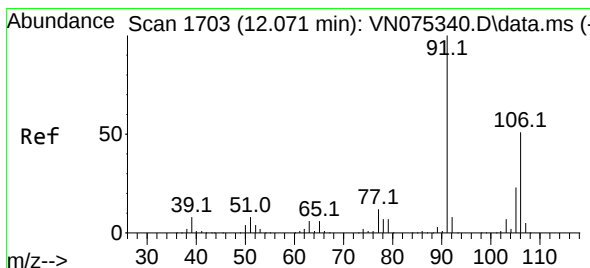
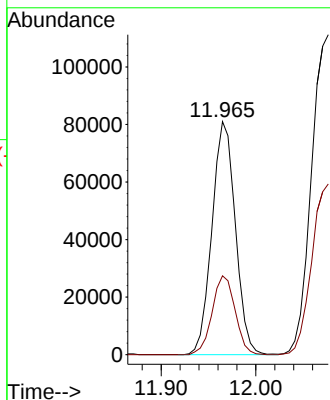
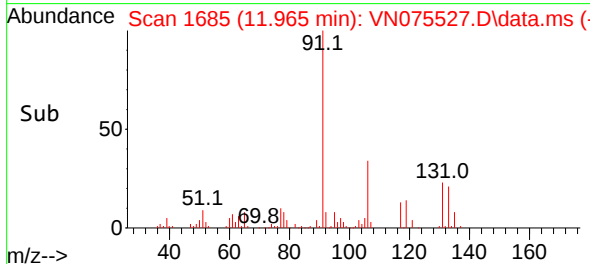
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



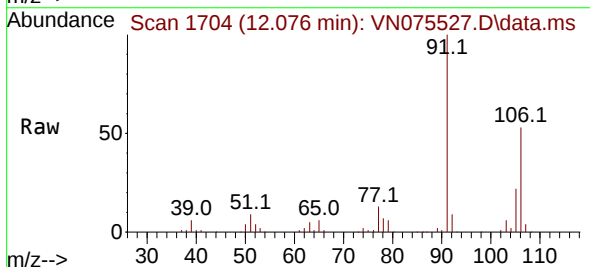
Tgt Ion: 91 Resp: 13930
Ion Ratio Lower Upper
91 100
106 33.9 24.9 37.3

Manual Integrations
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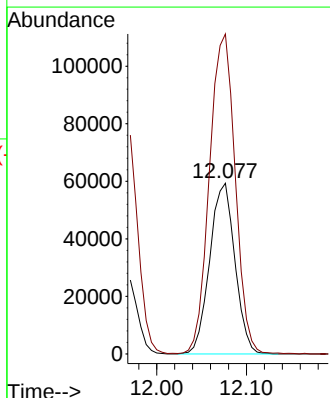
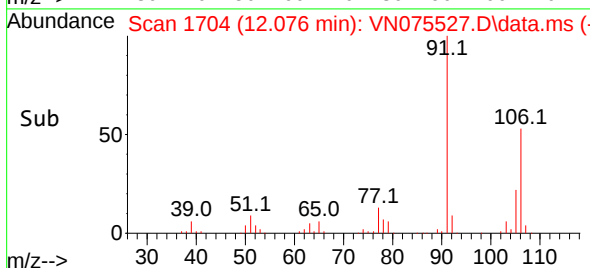
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

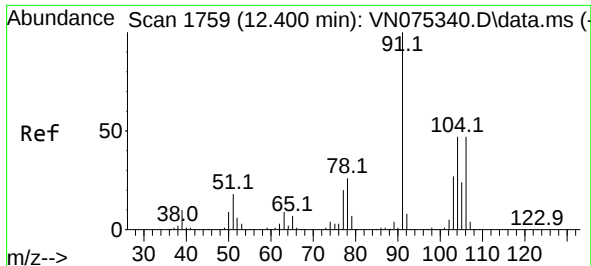


#68
m/p-Xylenes
Concen: 40.355 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18



Tgt Ion:106 Resp: 115717
Ion Ratio Lower Upper
106 100
91 191.7 156.0 234.0





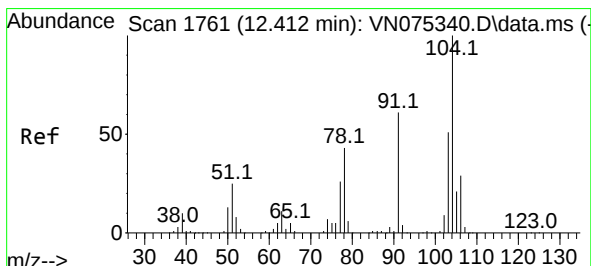
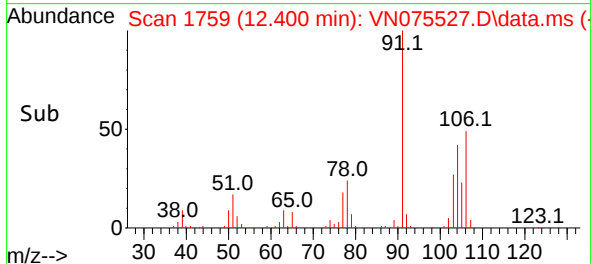
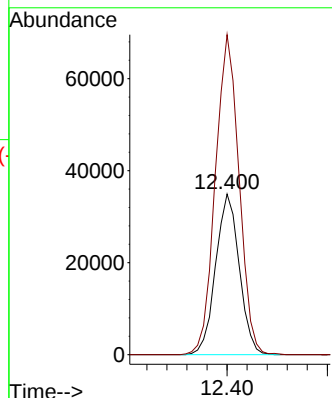
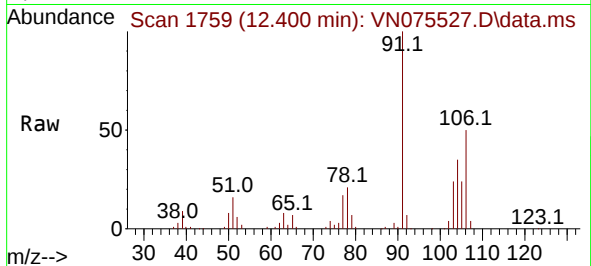
#69
o-Xylene
Concen: 20.011 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion:106 Resp: 57012
Ion Ratio Lower Upper
106 100
91 200.2 105.2 315.5

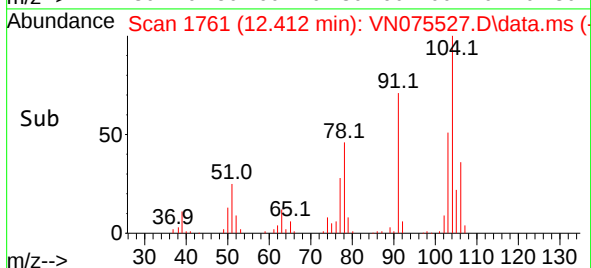
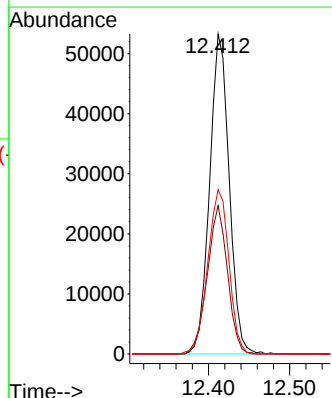
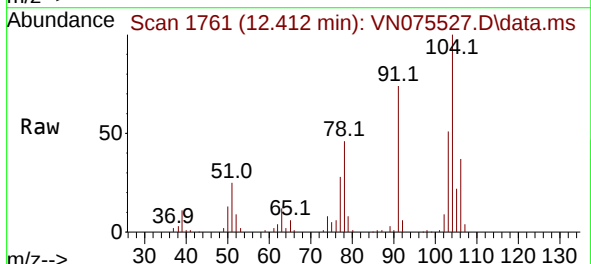
Manual Integrations
APPROVED

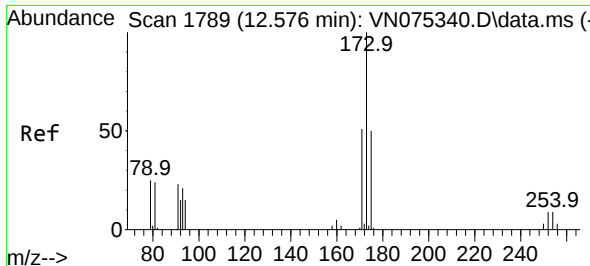
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#70
Styrene
Concen: 19.822 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

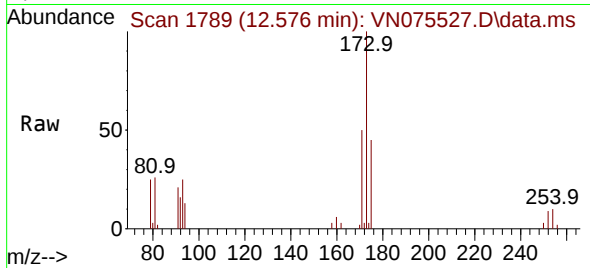
Tgt Ion:104 Resp: 89086
Ion Ratio Lower Upper
104 100
78 47.7 38.1 57.1
103 55.7 44.6 66.8





#71
Bromoform
Concen: 21.051 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

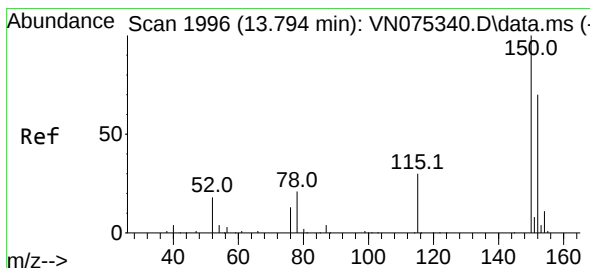
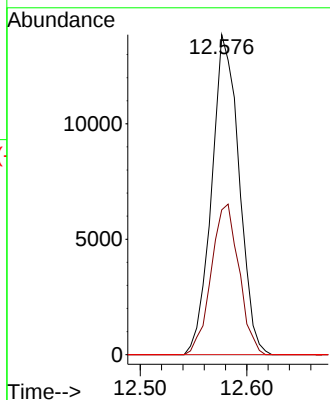
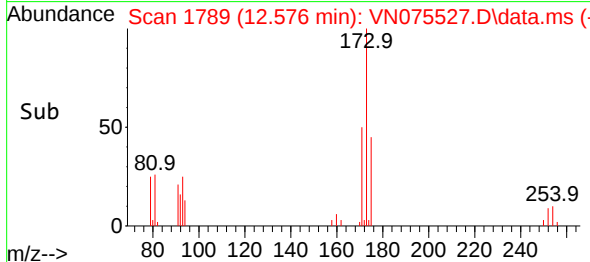
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



Tgt Ion:173 Resp: 24749
Ion Ratio Lower Upper
173 100
175 47.7 24.6 74.0
254 0.0 0.0 0.0

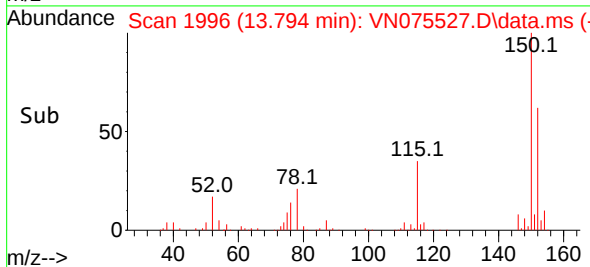
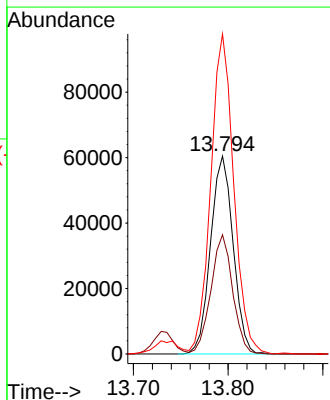
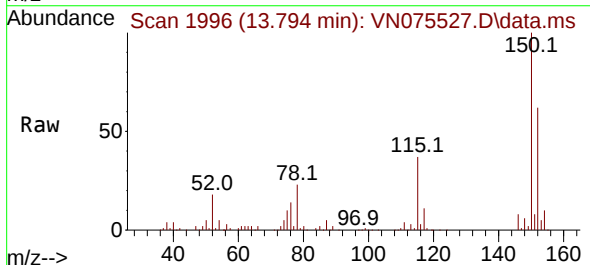
Manual Integrations
APPROVED

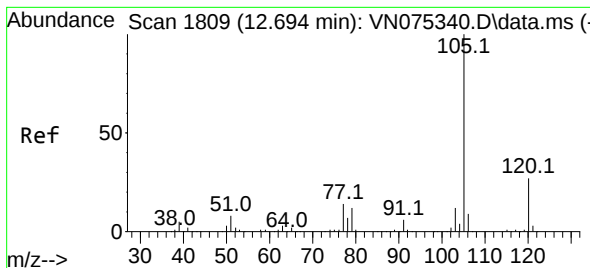
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion:152 Resp: 100034
Ion Ratio Lower Upper
152 100
115 58.1 30.2 90.6
150 164.5 0.0 348.4





#73

Isopropylbenzene

Concen: 19.827 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

Tgt Ion:105 Resp: 144904

Ion Ratio Lower Upper

105 100

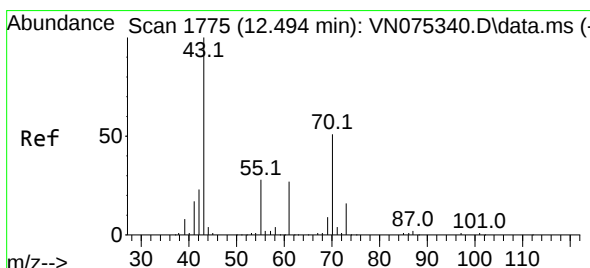
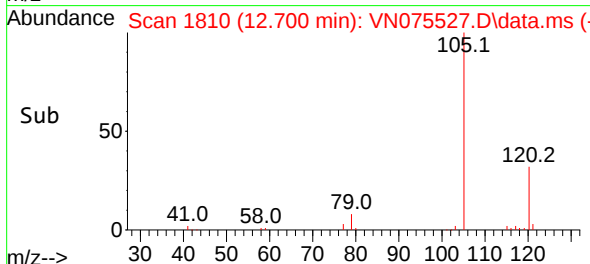
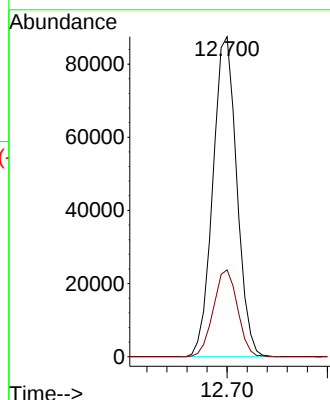
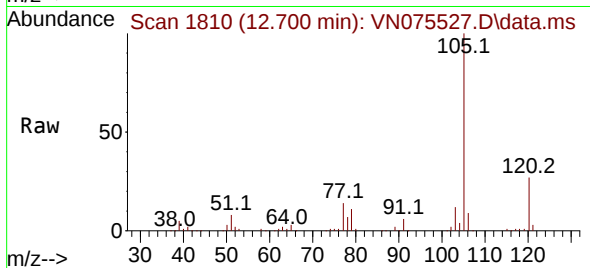
120 27.4 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#74

N-ethyl acetate

Concen: 19.990 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Tgt Ion: 43 Resp: 44914

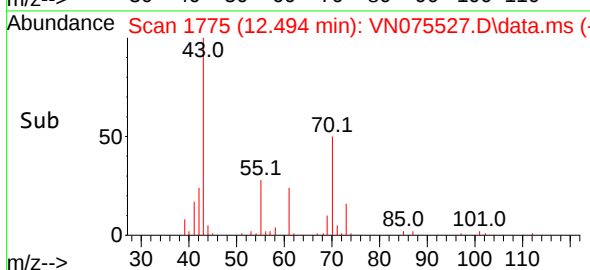
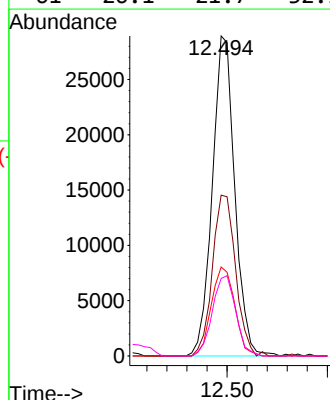
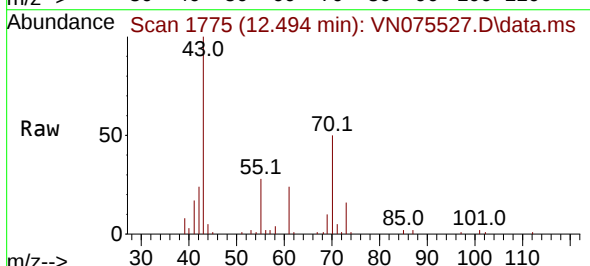
Ion Ratio Lower Upper

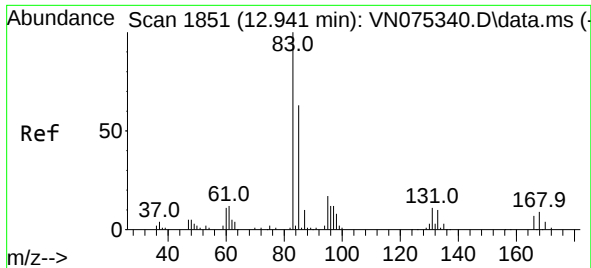
43 100

70 52.0 39.8 59.8

55 28.9 19.9 29.9

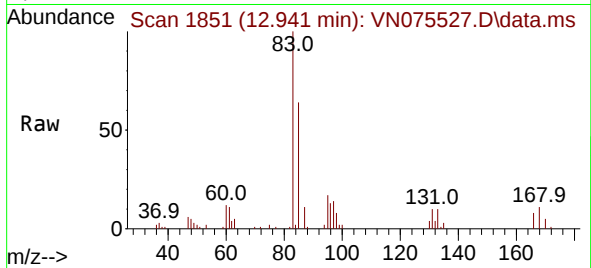
61 26.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.234 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

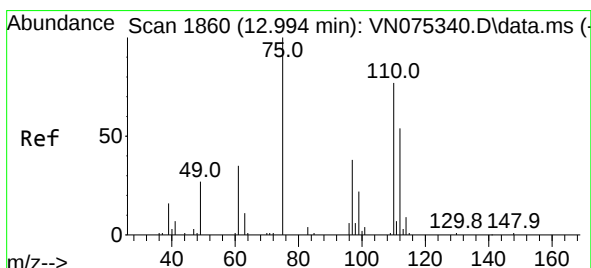
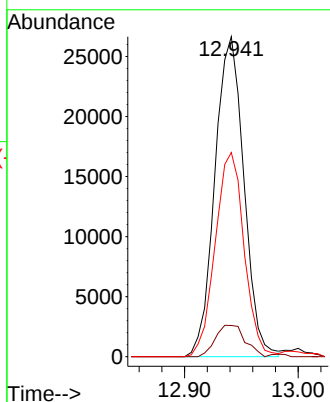
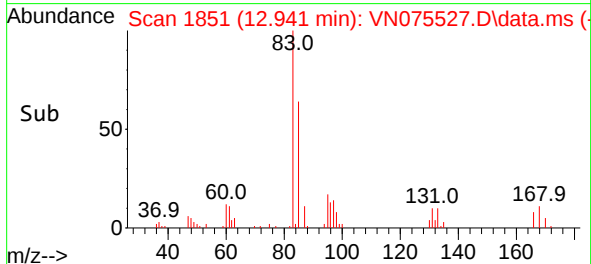
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



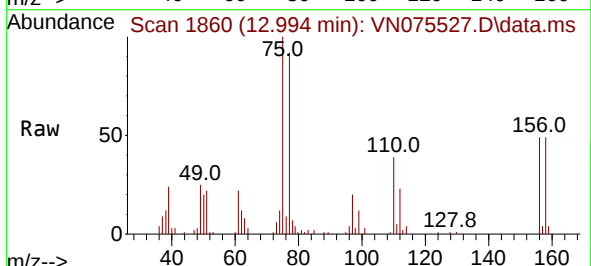
Tgt Ion: 83 Resp: 4731
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 63.4 31.6 94.7

Manual Integrations
APPROVED

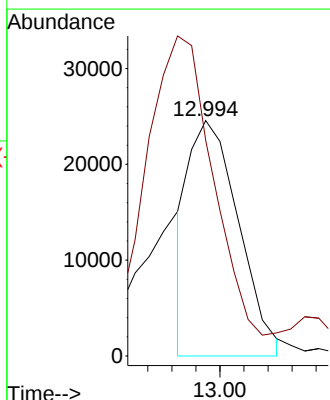
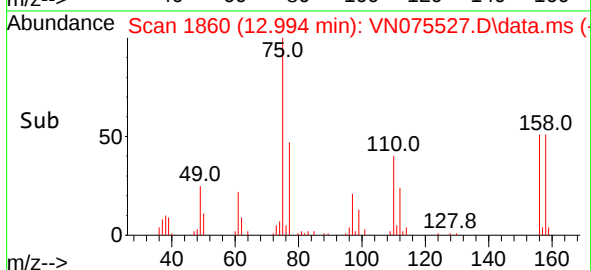
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

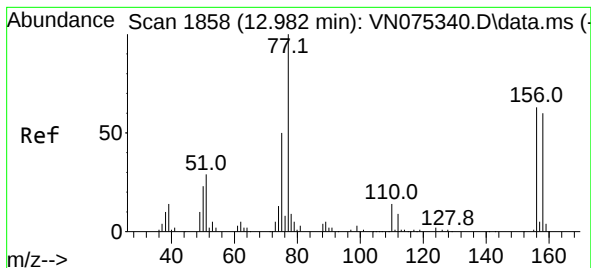


#76
1,2,3-Trichloropropane
Concen: 18.667 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18



Tgt Ion: 75 Resp: 35306
Ion Ratio Lower Upper
75 100
77 190.8 75.6 226.8





#77

Bromobenzene

Concen: 19.768 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

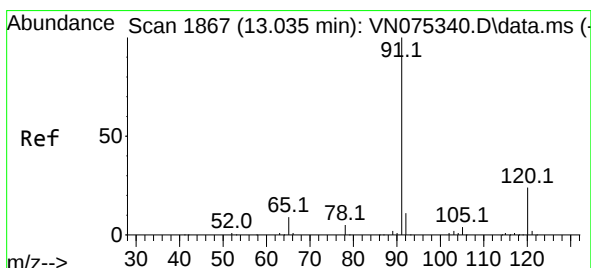
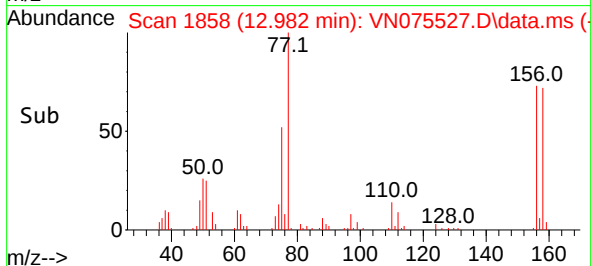
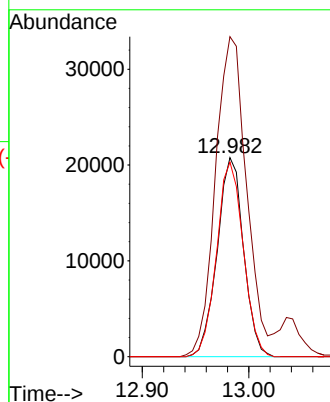
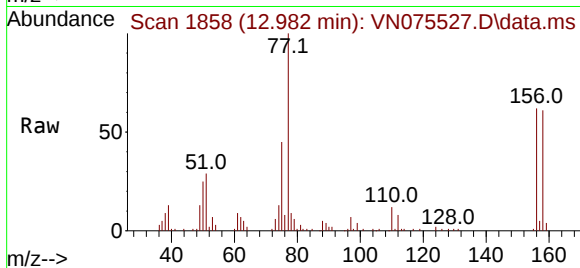
Tgt Ion:	156	Resp:	3566
Ion Ratio	Lower	Upper	
156	100		
77	188.9	108.5	325.5
158	99.1	47.7	143.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#78

n-propylbenzene

Concen: 19.941 ug/l

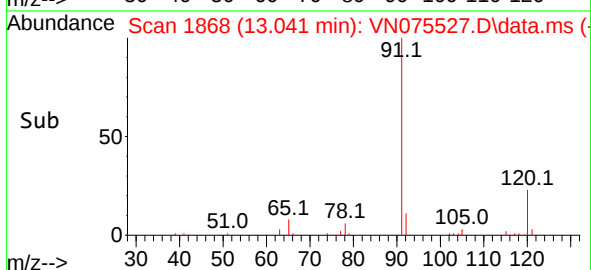
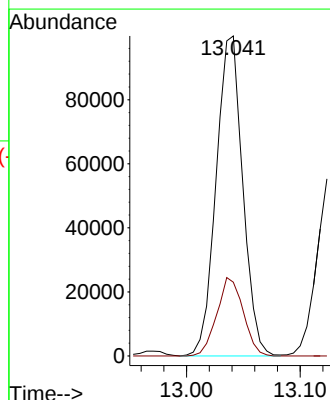
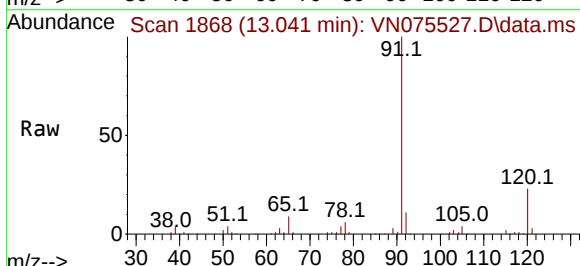
RT: 13.041 min Scan# 1868

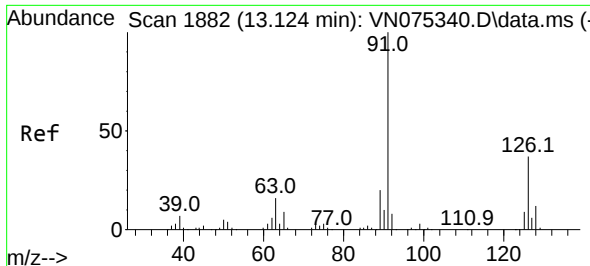
Delta R.T. 0.006 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Tgt Ion:	91	Resp:	162641
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.9	35.5





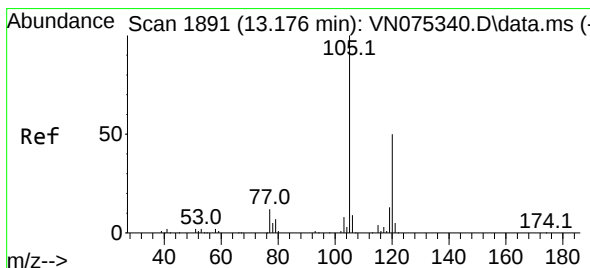
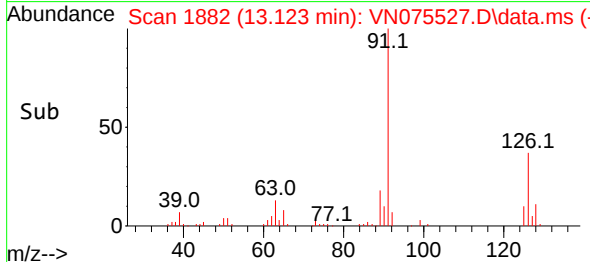
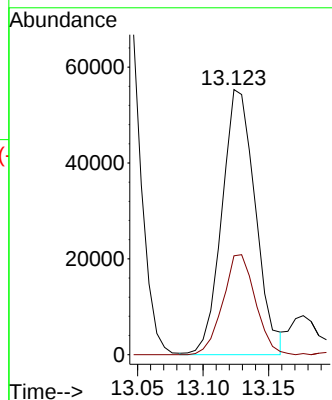
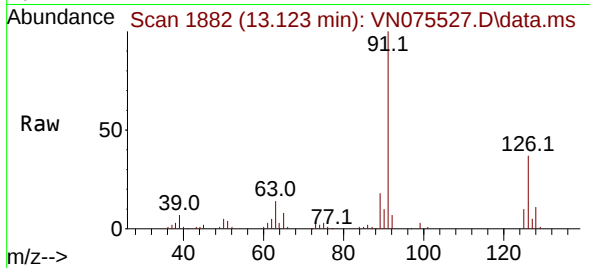
#79
2-Chlorotoluene
Concen: 19.994 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 91 Resp: 98258
Ion Ratio Lower Upper
91 100
126 36.5 16.9 50.7

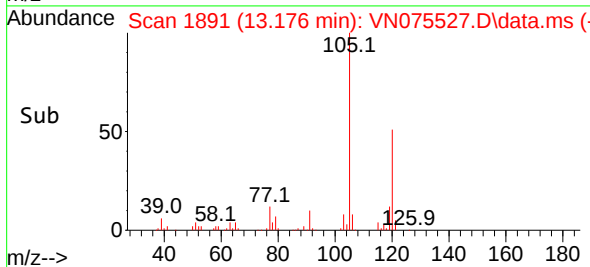
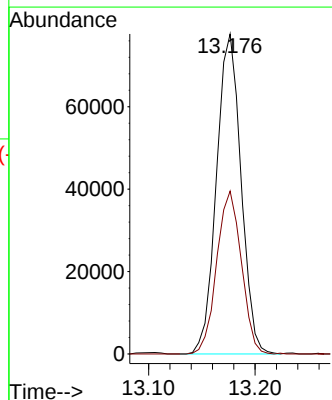
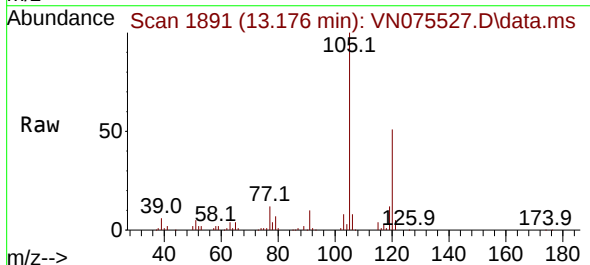
Manual Integrations
APPROVED

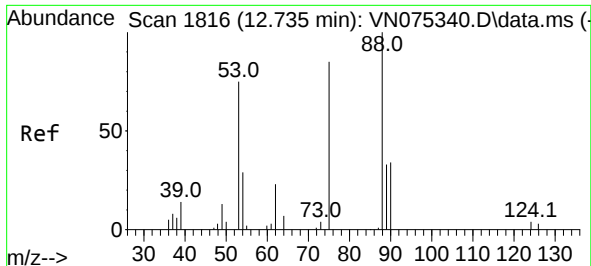
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.434 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

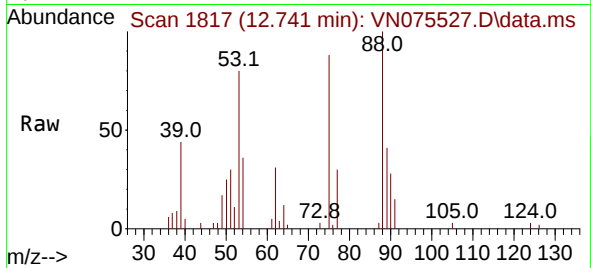
Tgt Ion:105 Resp: 124072
Ion Ratio Lower Upper
105 100
120 51.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.977 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

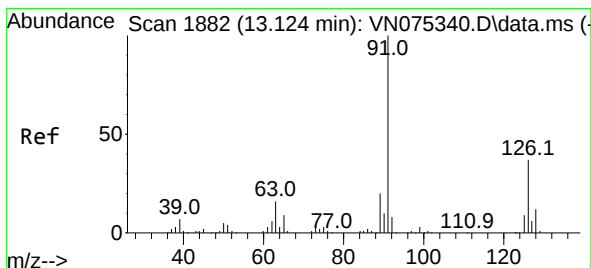
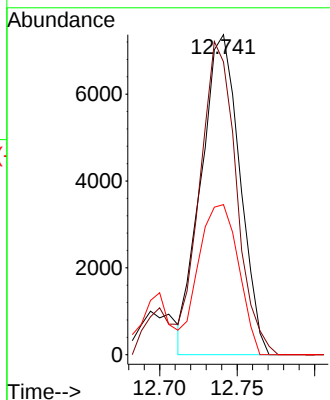
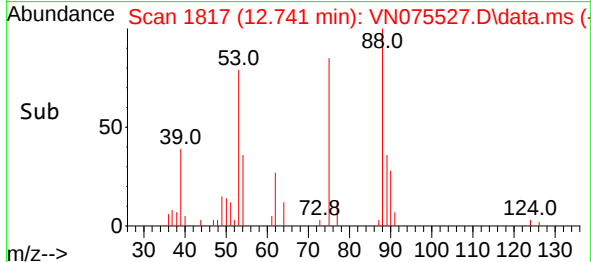
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



Tgt Ion: 75 Resp: 12770
Ion Ratio Lower Upper
75 100
53 91.7 78.5 117.7
89 48.7 37.7 56.5

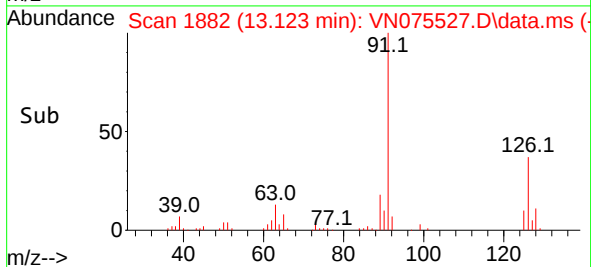
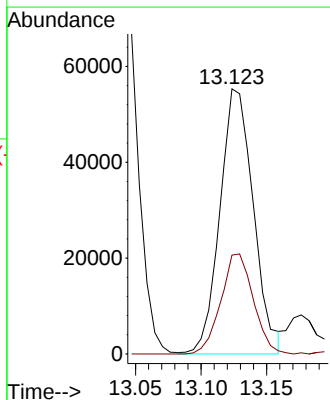
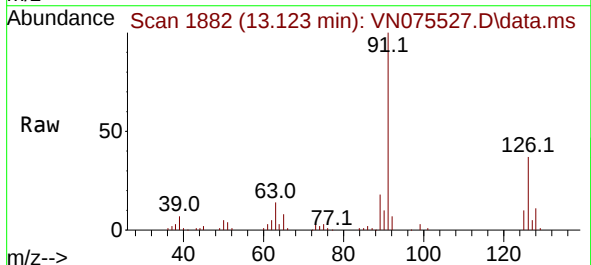
Manual Integrations
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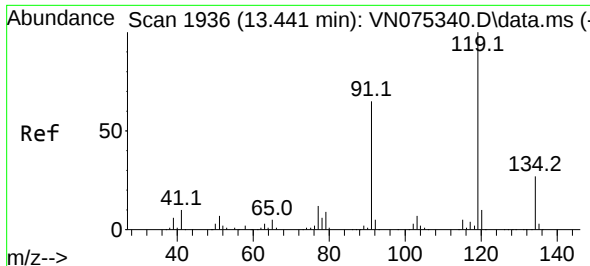
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#82
4-Chlorotoluene
Concen: 19.994 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

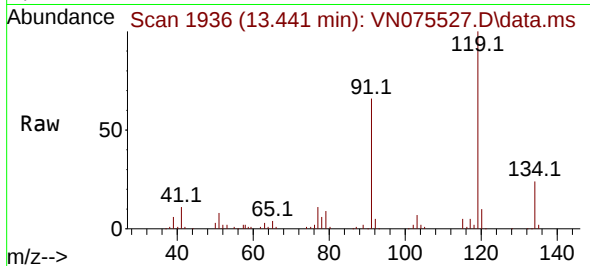
Tgt Ion: 91 Resp: 98258
Ion Ratio Lower Upper
91 100
126 36.5 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.664 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

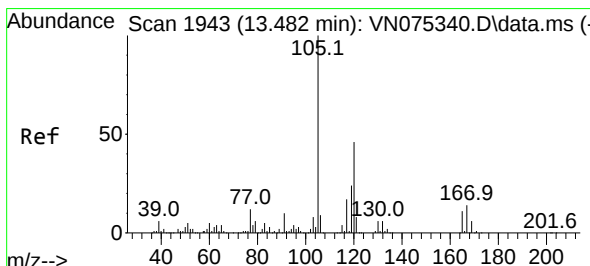
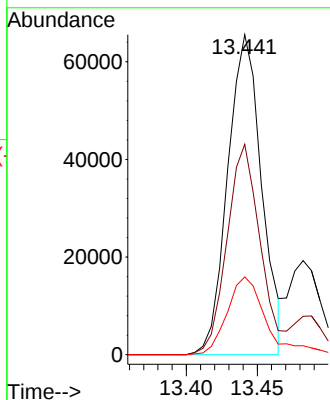
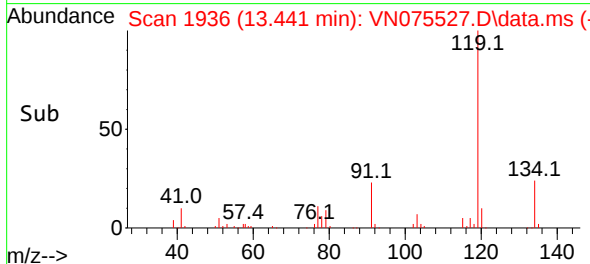
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



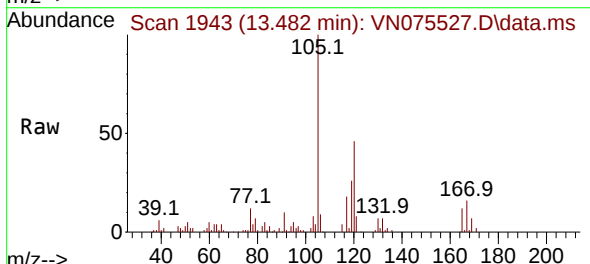
Tgt Ion:119 Resp: 108864
Ion Ratio Lower Upper
119 100
91 65.0 32.8 98.4
134 27.8 12.3 36.9

Manual Integrations
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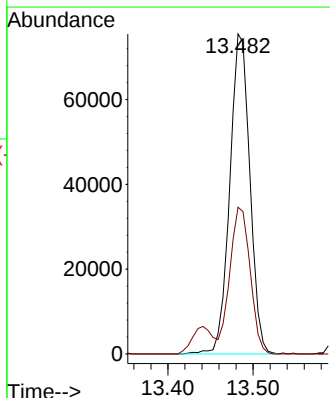
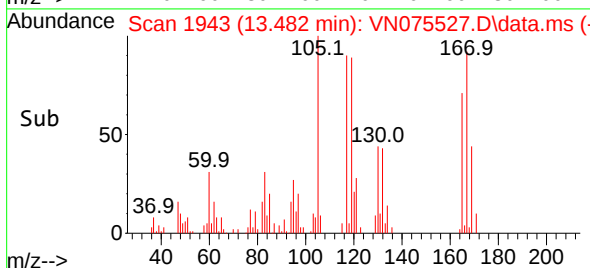
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

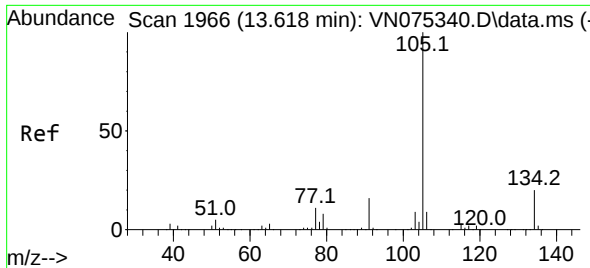


#84
1,2,4-Trimethylbenzene
Concen: 20.318 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18



Tgt Ion:105 Resp: 123747
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.1





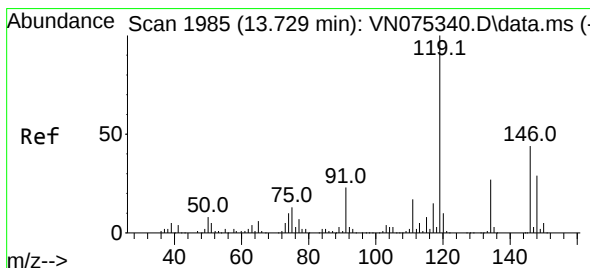
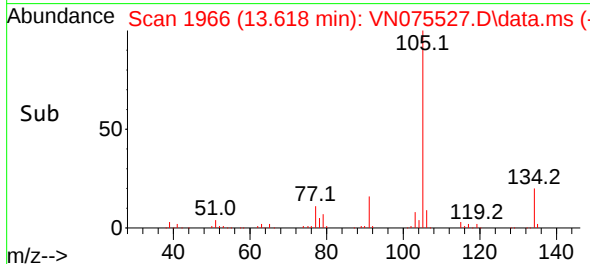
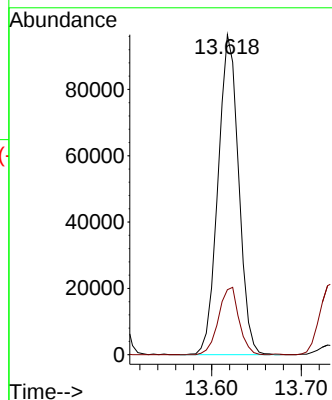
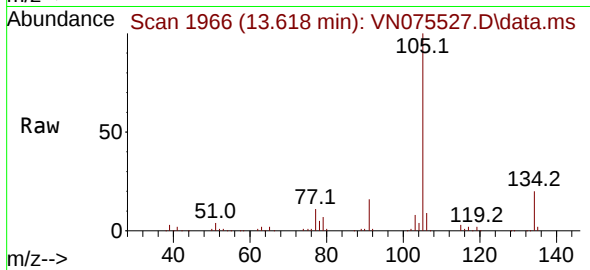
#85
 sec-Butylbenzene
 Concen: 20.486 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075527.D
 Acq: 02 Dec 2022 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBSD01

Tgt Ion:105 Resp: 153884
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

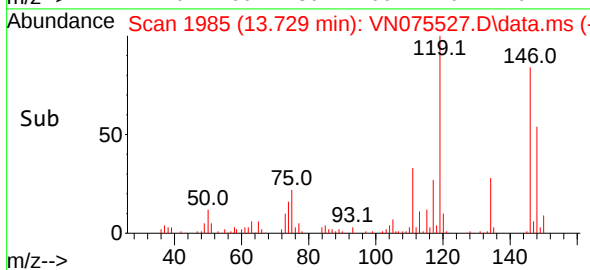
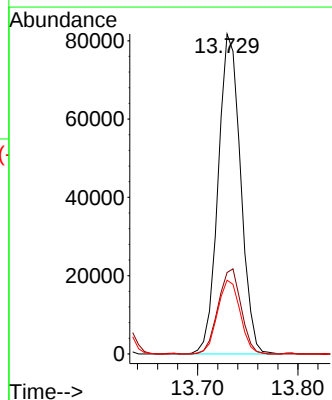
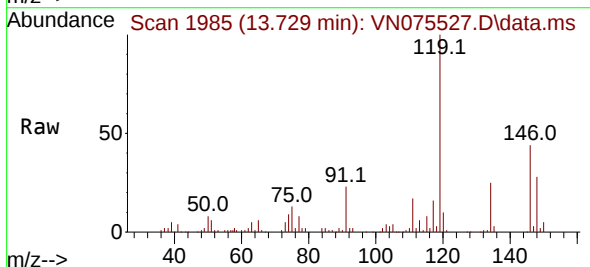
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#86
 p-Isopropyltoluene
 Concen: 20.081 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075527.D
 Acq: 02 Dec 2022 13:18

Tgt Ion:119 Resp: 126911
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 23.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.372 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN1202WBSD01

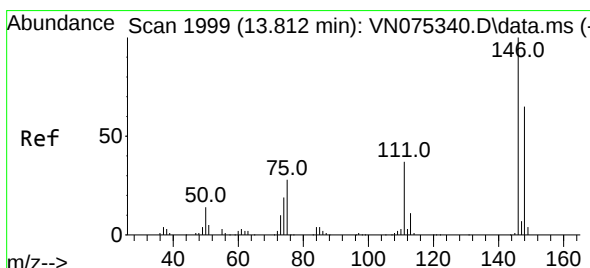
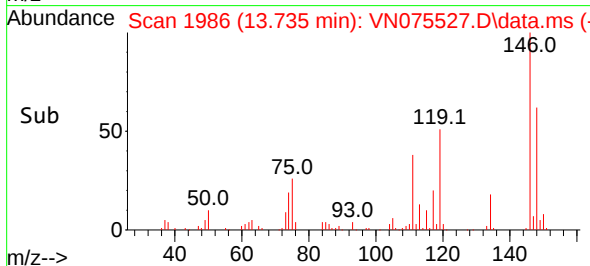
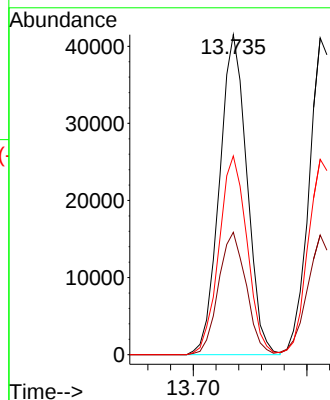
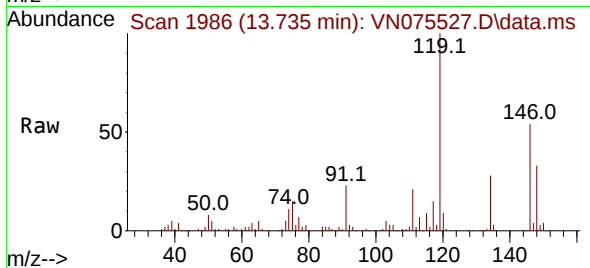
Tgt Ion:146 Resp: 69644
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.8 62.5
 148 63.6 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#88

1,4-Dichlorobenzene

Concen: 19.582 ug/l

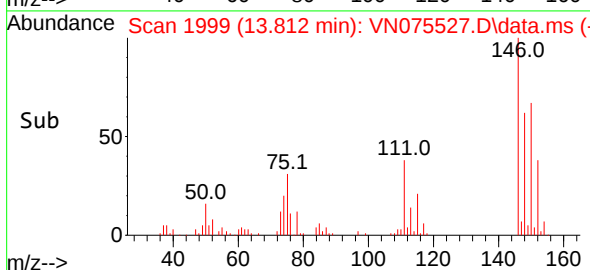
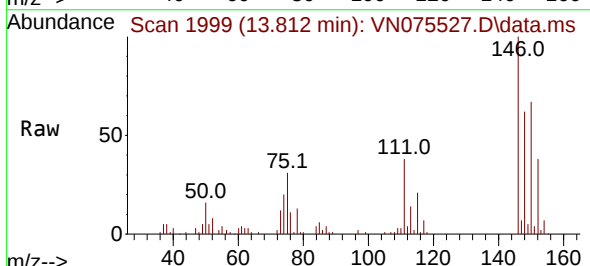
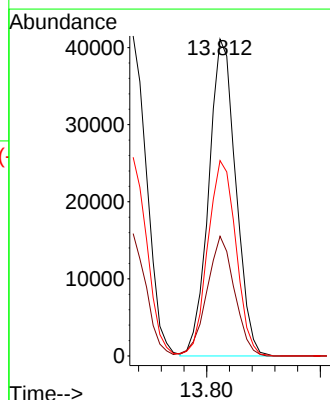
RT: 13.812 min Scan# 1999

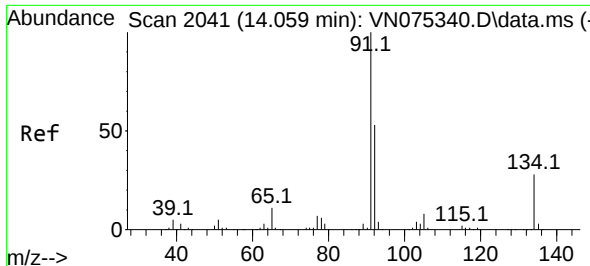
Delta R.T. -0.000 min

Lab File: VN075527.D

Acq: 02 Dec 2022 13:18

Tgt Ion:146 Resp: 68002
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.1 60.3
 148 64.1 31.9 95.7





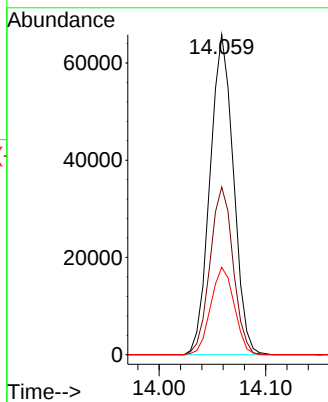
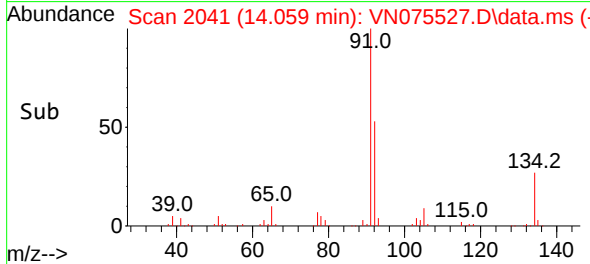
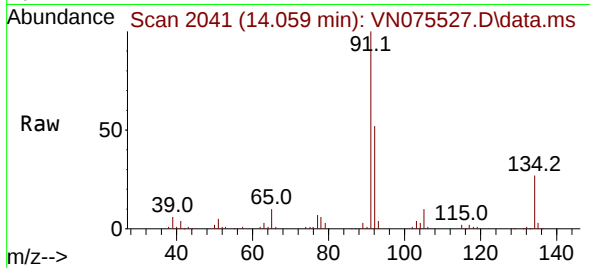
#89
n-Butylbenzene
Concen: 18.898 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion: 91 Resp: 100878
Ion Ratio Lower Upper
91 100
92 51.6 26.5 79.4
134 27.3 13.0 39.0

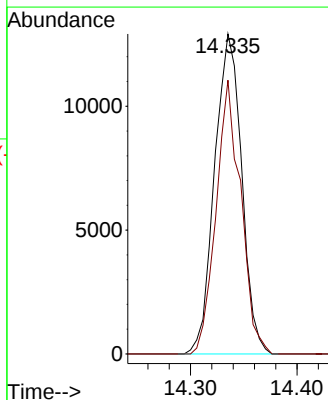
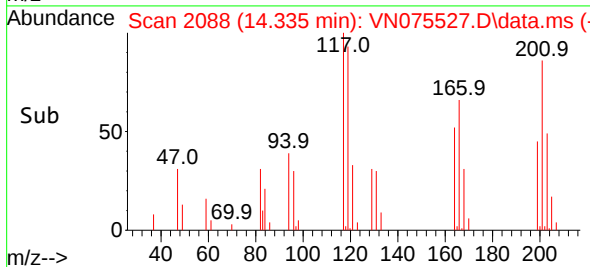
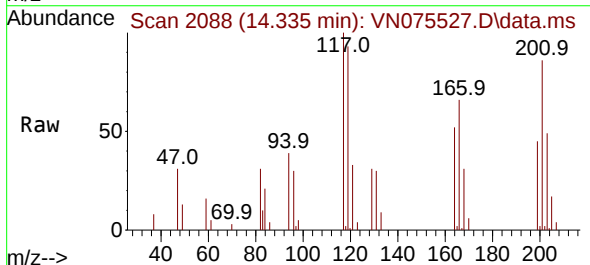
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#90
Hexachloroethane
Concen: 20.900 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Tgt Ion:117 Resp: 22787
Ion Ratio Lower Upper
117 100
201 78.2 31.5 94.5





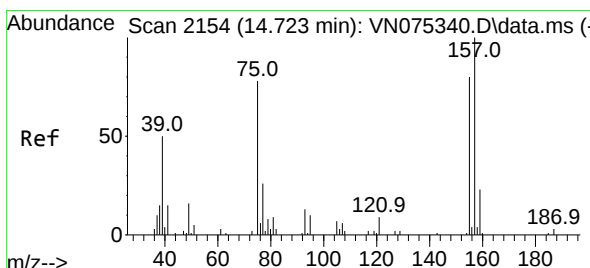
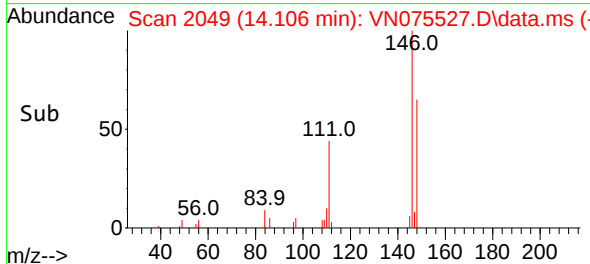
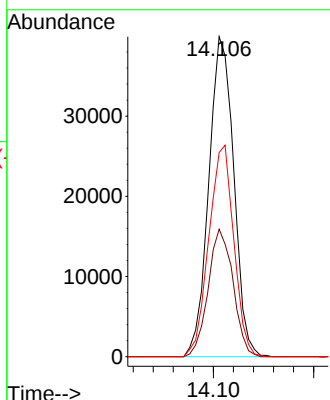
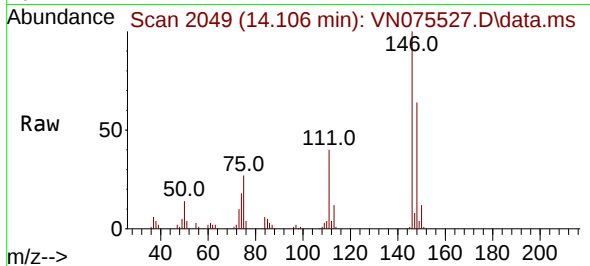
#91
1,2-Dichlorobenzene
Concen: 20.727 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01

Tgt Ion:146 Resp: 69069
Ion Ratio Lower Upper
146 100
111 39.6 21.3 63.9
148 66.1 31.4 94.2

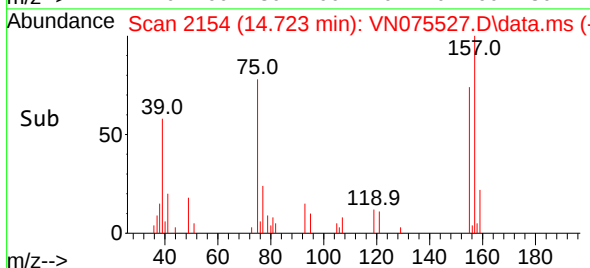
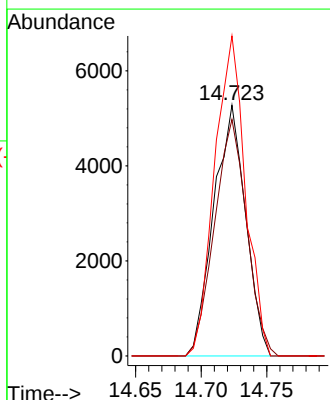
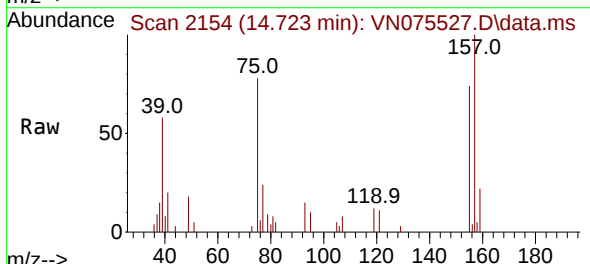
Manual Integrations
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Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.131 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

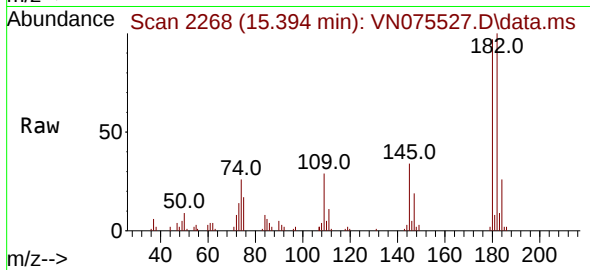
Tgt Ion: 75 Resp: 8919
Ion Ratio Lower Upper
75 100
155 95.2 42.1 126.3
157 123.2 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 19.497 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

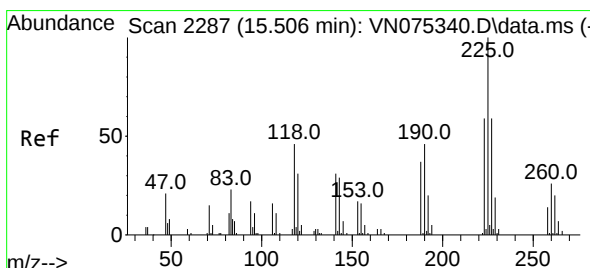
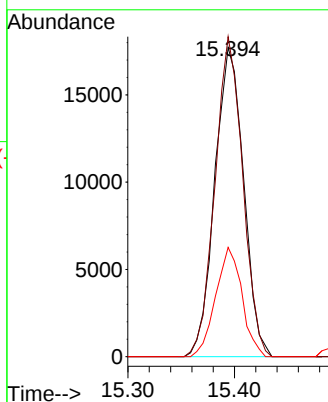
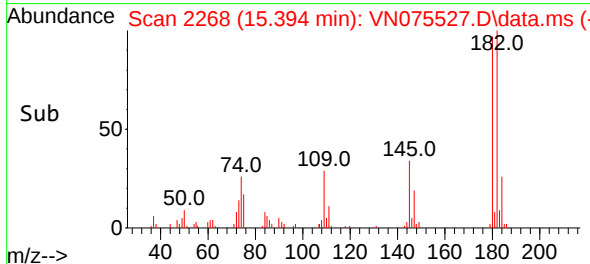
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



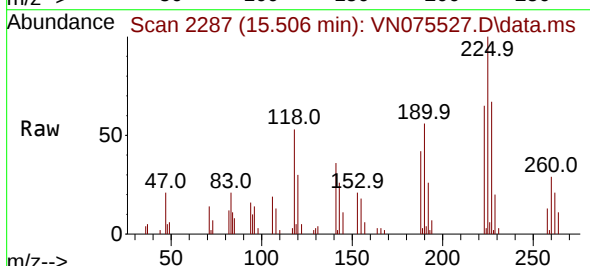
Tgt Ion:180 Resp: 33294
Ion Ratio Lower Upper
180 100
182 99.6 47.8 143.4
145 32.2 16.8 50.3

Manual Integrations
APPROVED

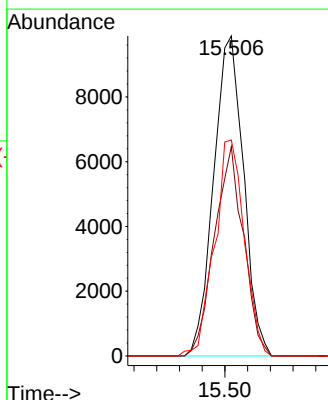
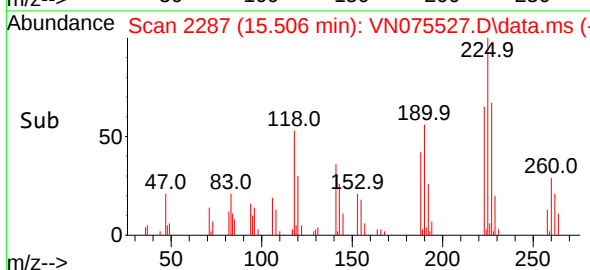
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

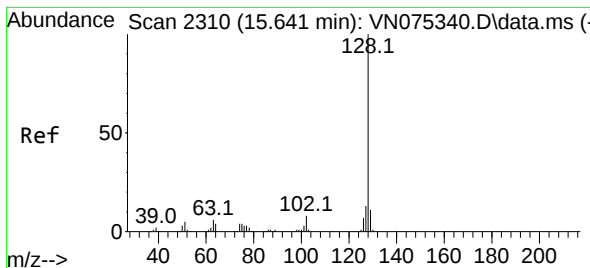


#94
Hexachlorobutadiene
Concen: 20.339 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18



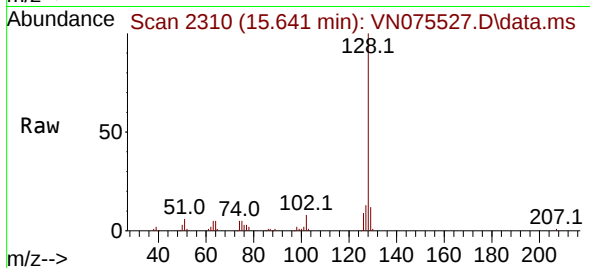
Tgt Ion:225 Resp: 18091
Ion Ratio Lower Upper
225 100
223 63.6 32.3 96.9
227 67.1 32.0 96.2





#95
Naphthalene
Concen: 19.295 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18

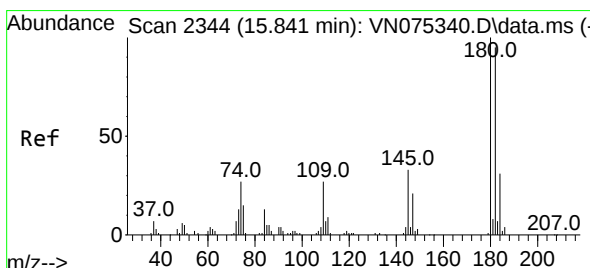
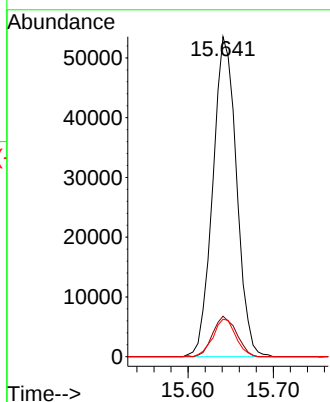
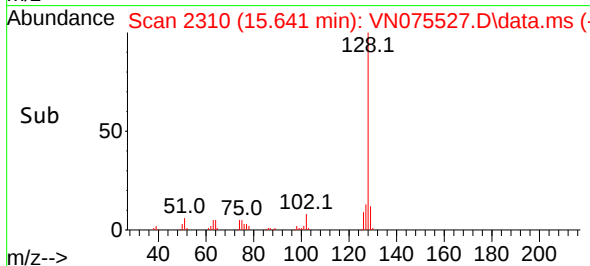
Instrument :
MSVOA_N
ClientSampleId :
VN1202WBSD01



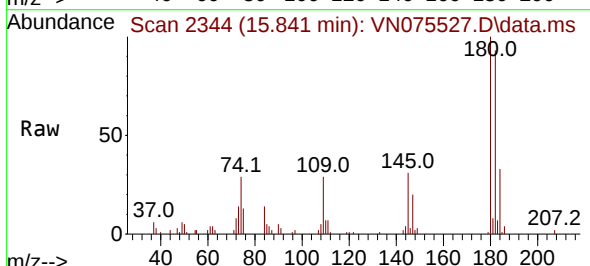
Tgt Ion:128 Resp: 103660
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.3 8.6 12.8

Manual Integrations
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Reviewed By :John Carbone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.621 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075527.D
Acq: 02 Dec 2022 13:18



Tgt Ion:180 Resp: 32932
Ion Ratio Lower Upper
180 100
182 98.0 47.3 141.8
145 33.2 17.6 52.9

