

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075260.D
 Acq On : 14 Nov 2022 12:55
 Operator : JC\MD
 Sample : VN1114MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 15 03:51:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	100343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	180302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	163107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	65416	48.385	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.760%			
35) Dibromofluoromethane	8.171	113	54935	51.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.800%			
50) Toluene-d8	10.565	98	205715	50.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.180%			
62) 4-Bromofluorobenzene	12.847	95	72970	50.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23262	17.821	ug/l	94
3) Chloromethane	2.371	50	25217	18.187	ug/l	95
4) Vinyl Chloride	2.524	62	34142	17.261	ug/l	98
5) Bromomethane	2.942	94	27320	15.989	ug/l	95
6) Chloroethane	3.118	64	24681	17.401	ug/l	100
7) Trichlorofluoromethane	3.501	101	42330	20.949	ug/l	97
8) Diethyl Ether	3.971	74	15198	20.621	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	24365	21.835	ug/l	100
10) Methyl Iodide	4.601	142	34800	20.948	ug/l	99
11) Tert butyl alcohol	5.536	59	25310	80.275	ug/l	97
12) 1,1-Dichloroethene	4.353	96	22546	21.197	ug/l	96
13) Acrolein	4.189	56	15794	61.243	ug/l	98
14) Allyl chloride	5.036	41	29228	18.815	ug/l	95
15) Acrylonitrile	5.736	53	67715	101.669	ug/l	97
16) Acetone	4.442	43	59514	103.960	ug/l	99
17) Carbon Disulfide	4.724	76	60207	22.509	ug/l	100
18) Methyl Acetate	5.042	43	38324	20.495	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	80437	20.347	ug/l	97
20) Methylene Chloride	5.283	84	26707	20.923	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	24701	21.210	ug/l	98
22) Diisopropyl ether	6.677	45	70907	20.683	ug/l	94
23) Vinyl Acetate	6.612	43	277135	96.806	ug/l	100
24) 1,1-Dichloroethane	6.577	63	45801	21.124	ug/l	98
25) 2-Butanone	7.489	43	90469	100.472	ug/l	97
26) 2,2-Dichloropropane	7.500	77	40580	20.344	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	28703	20.638	ug/l	99
28) Bromochloromethane	7.818	49	17616	19.273	ug/l	98
29) Tetrahydrofuran	7.847	42	56374	96.886	ug/l	98
30) Chloroform	7.971	83	48721	20.696	ug/l	100
31) Cyclohexane	8.265	56	41389	20.583	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	43663	20.424	ug/l	98
36) 1,1-Dichloropropene	8.377	75	35482	21.653	ug/l	98
37) Ethyl Acetate	7.571	43	34799	19.364	ug/l	98
38) Carbon Tetrachloride	8.365	117	40040	22.213	ug/l	98
39) Methylcyclohexane	9.600	83	46456	21.474	ug/l	95
40) Benzene	8.606	78	108804	21.685	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	18778	21.810	ug/l	97
42) 1,2-Dichloroethane	8.677	62	37380	20.477	ug/l	98
43) Isopropyl Acetate	8.688	43	55066	19.754	ug/l	99
44) Trichloroethene	9.353	130	27708	22.011	ug/l	95
45) 1,2-Dichloropropane	9.624	63	27124	22.716	ug/l	93
46) Dibromomethane	9.712	93	19900	21.392	ug/l	99
47) Bromodichloromethane	9.888	83	39310	21.821	ug/l	98
48) Methyl methacrylate	9.683	41	25334	19.812	ug/l	97
49) 1,4-Dioxane	9.694	88	13082	390.692	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	179603	99.844	ug/l	100
52) Toluene	10.630	92	72382	21.581	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	39813	20.938	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	43403	21.521	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	27072	20.357	ug/l	88
56) Ethyl methacrylate	10.871	69	39499	19.471	ug/l	98
57) 1,3-Dichloropropane	11.165	76	46732	21.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	76114	97.054	ug/l	100
59) 2-Hexanone	11.194	43	130441	95.544	ug/l	99
60) Dibromochloromethane	11.359	129	30885	22.012	ug/l	98
61) 1,2-Dibromoethane	11.471	107	28318	20.778	ug/l	98
64) Tetrachloroethene	11.106	164	25700	25.700	ug/l	90
65) Chlorobenzene	11.888	112	74820	21.490	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	27296	21.135	ug/l	99
67) Ethyl Benzene	11.965	91	132898	21.217	ug/l	99
68) m/p-Xylenes	12.071	106	106692	42.450	ug/l	98
69) o-Xylene	12.400	106	52859	21.266	ug/l	100
70) Styrene	12.412	104	81583	20.585	ug/l	99
71) Bromoform	12.576	173	20757	21.466	ug/l #	100
73) Isopropylbenzene	12.694	105	134142	20.959	ug/l	98
74) N-amyl acetate	12.494	43	44372	18.745	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	42121	20.568	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	36115m	21.336	ug/l	
77) Bromobenzene	12.976	156	29602	21.006	ug/l	99
78) n-propylbenzene	13.035	91	153389	21.347	ug/l	98
79) 2-Chlorotoluene	13.124	91	93581	21.312	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	114256	21.255	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14242	21.598	ug/l	88
82) 4-Chlorotoluene	13.124	91	93581	21.312	ug/l	98
83) tert-Butylbenzene	13.441	119	100390	21.017	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	116618	21.441	ug/l	100
85) sec-Butylbenzene	13.618	105	143078	21.412	ug/l	99
86) p-Isopropyltoluene	13.729	119	120070	21.758	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	58446	21.182	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	58476	21.414	ug/l	98
89) n-Butylbenzene	14.059	91	99894	22.479	ug/l	99
90) Hexachloroethane	14.335	117	21034	20.789	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	59733	21.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	8714	20.185	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	26773	22.682	ug/l	99
94) Hexachlorobutadiene	15.500	225	13944	24.232	ug/l	99
95) Naphthalene	15.641	128	92709	20.424	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	25475	21.721	ug/l	98

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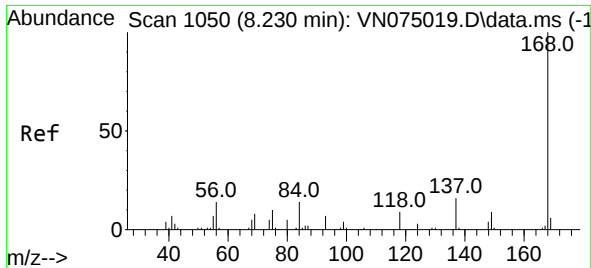
Manual Integrations
APPROVED

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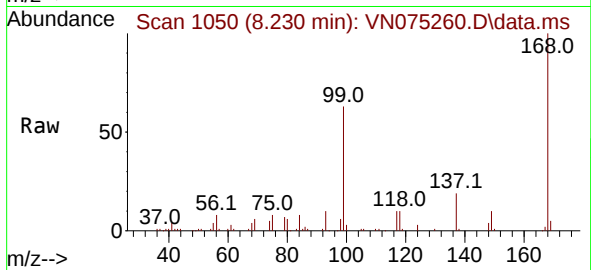
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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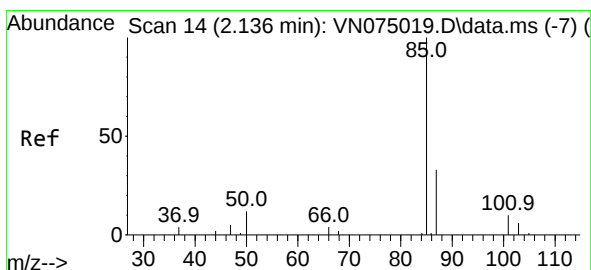
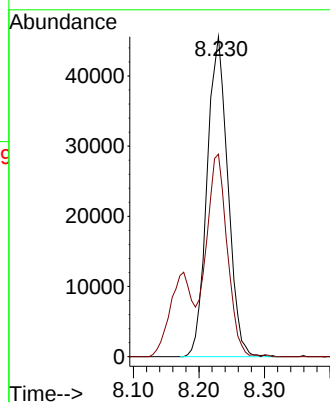
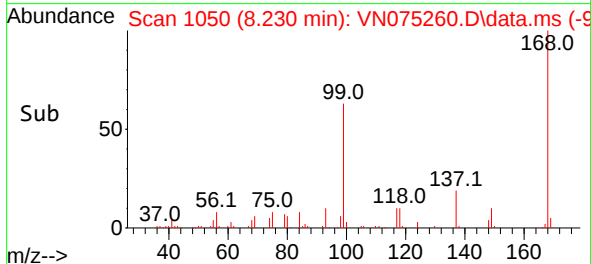
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



Tgt Ion:168 Resp: 10034
Ion Ratio Lower Upper
168 100
99 63.3 51.6 77.4

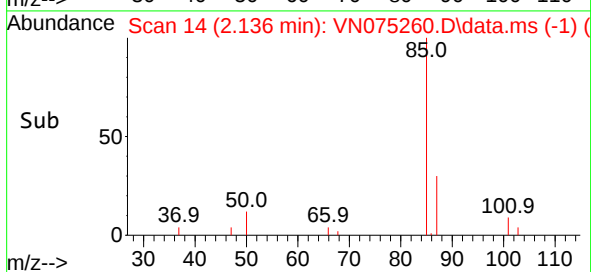
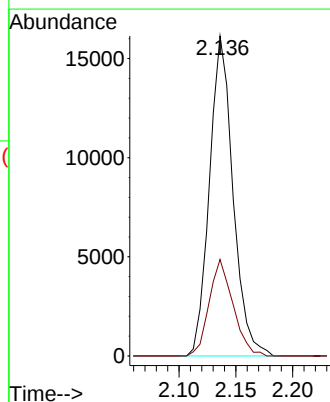
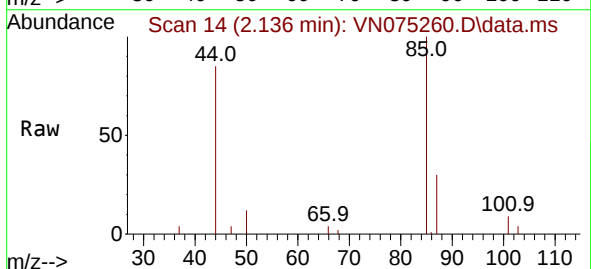
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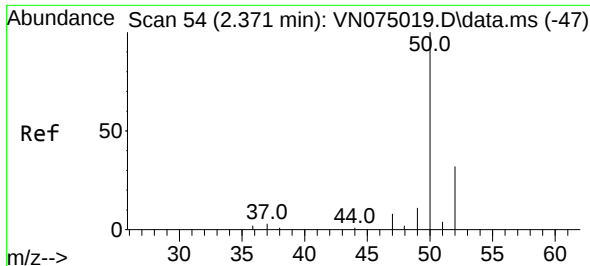
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#2
Dichlorodifluoromethane
Concen: 17.821 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion: 85 Resp: 23262
Ion Ratio Lower Upper
85 100
87 30.1 16.7 50.0





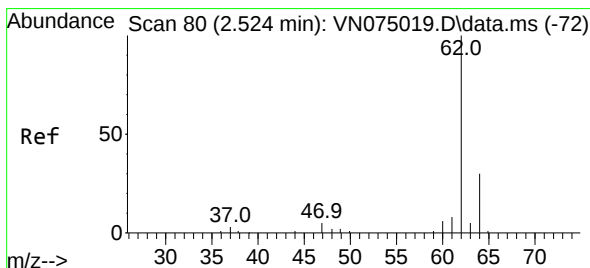
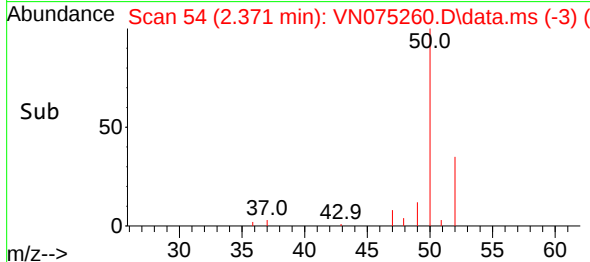
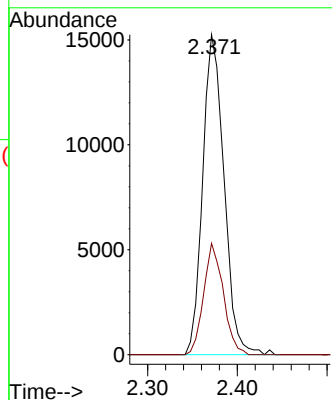
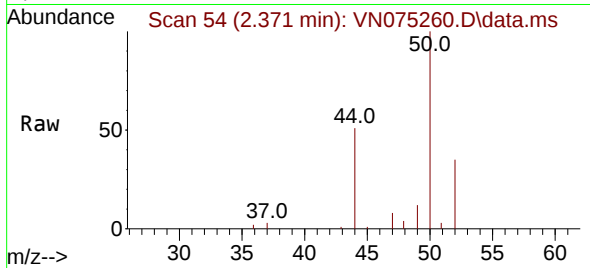
#3
Chloromethane
Concen: 18.187 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

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Tgt Ion: 50 Resp: 2521
Ion Ratio Lower Upper
50 100
52 34.8 25.8 38.6

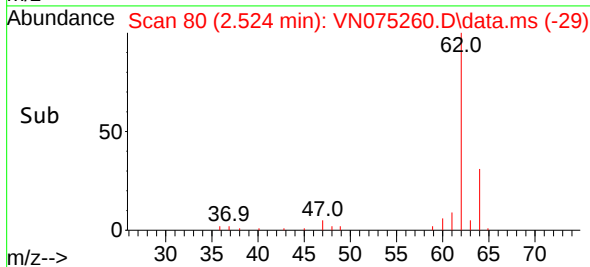
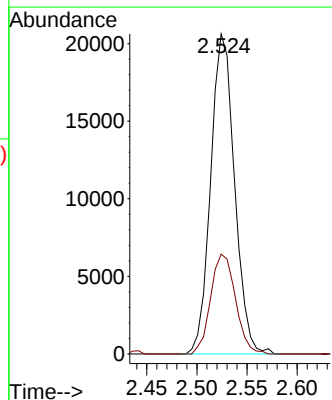
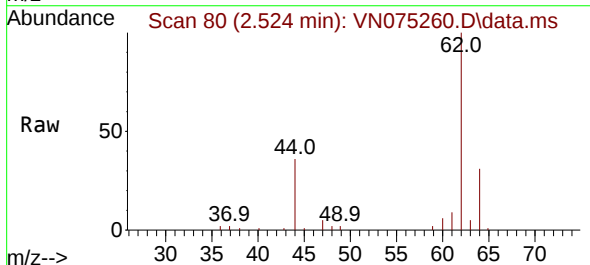
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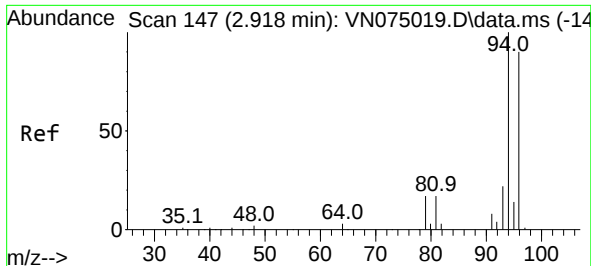
Reviewed By :John Carlone 11/15/2022
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#4
Vinyl Chloride
Concen: 17.261 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

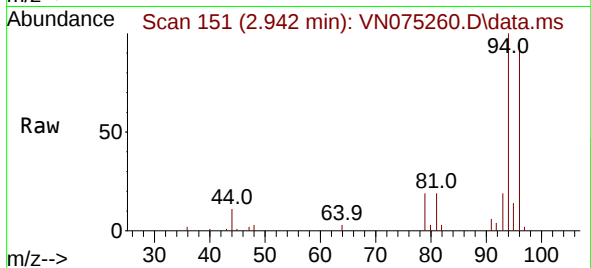
Tgt Ion: 62 Resp: 34142
Ion Ratio Lower Upper
62 100
64 31.2 24.0 36.0





#5
Bromomethane
Concen: 15.989 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075260.D
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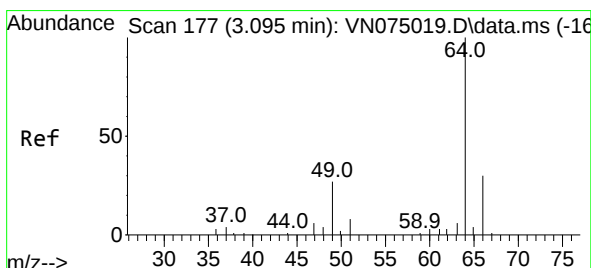
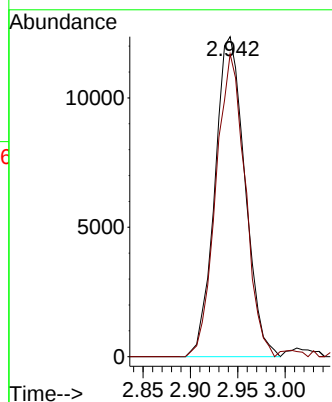
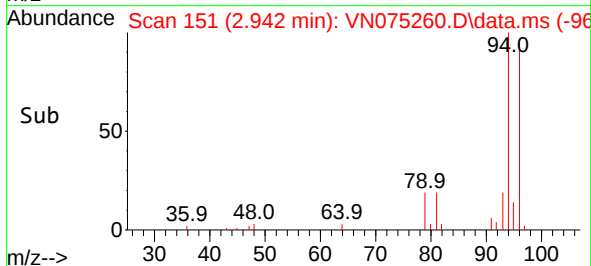
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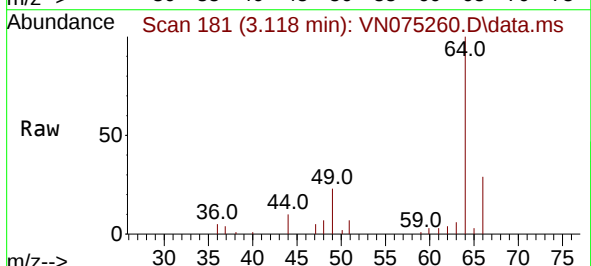
Tgt Ion: 94 Resp: 27320
Ion Ratio Lower Upper
94 100
96 94.6 71.8 107.6

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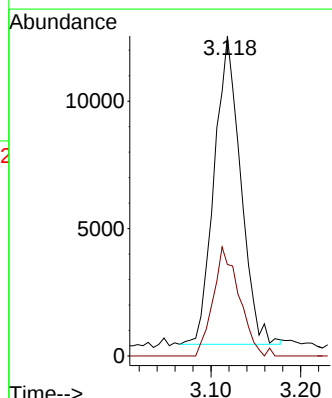
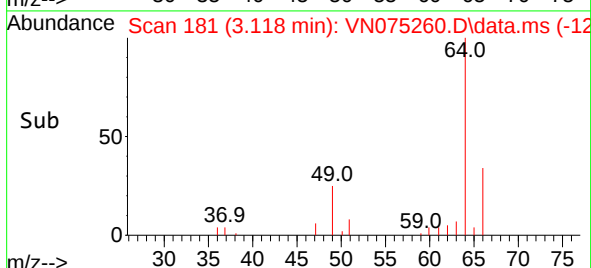
Reviewed By :John Carlone 11/15/2022
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#6
Chloroethane
Concen: 17.401 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.023 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



Tgt Ion: 64 Resp: 24681
Ion Ratio Lower Upper
64 100
66 29.7 23.8 35.8





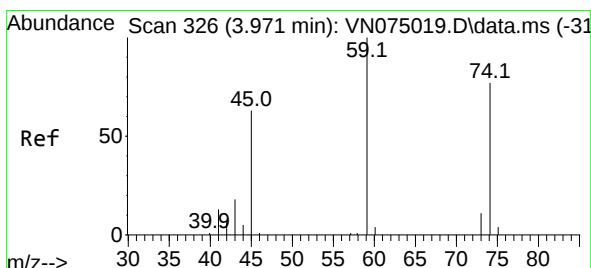
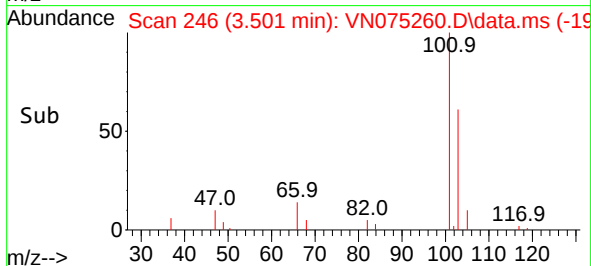
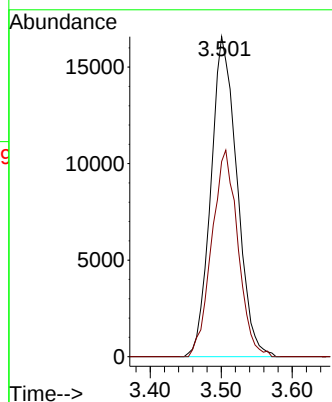
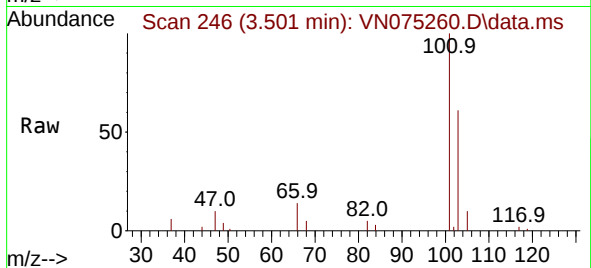
#7
Trichlorofluoromethane
Concen: 20.949 ug/l
RT: 3.501 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion:101 Resp: 42330
Ion Ratio Lower Upper
101 100
103 61.0 50.5 75.7

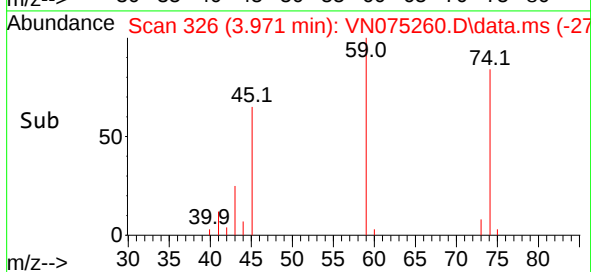
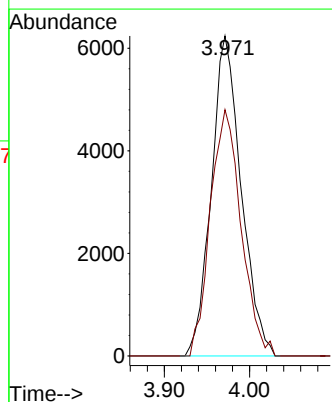
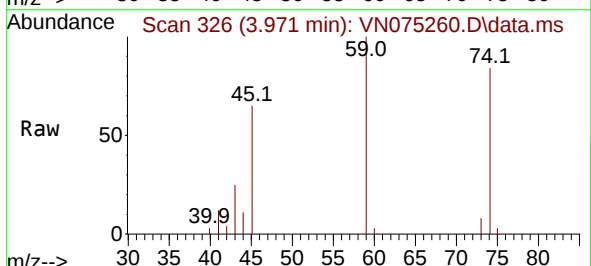
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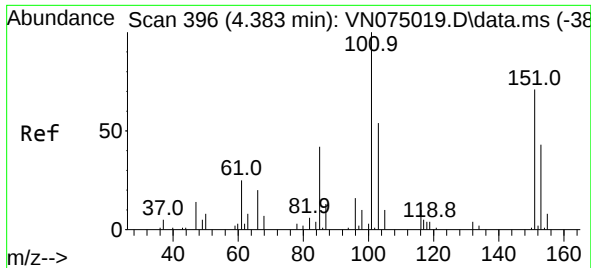
Reviewed By :John Carlone 11/15/2022
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#8
Diethyl Ether
Concen: 20.621 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075260.D
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Tgt Ion: 74 Resp: 15198
Ion Ratio Lower Upper
74 100
45 79.4 39.3 117.9





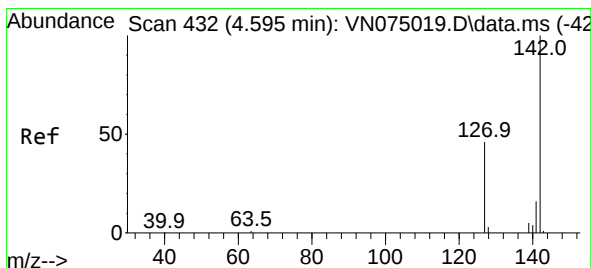
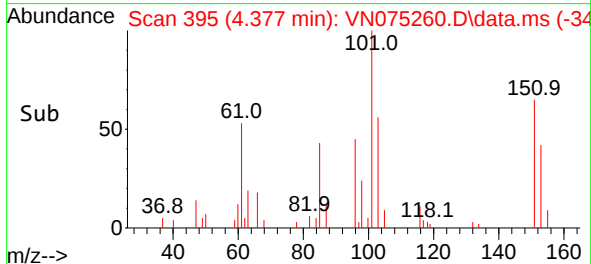
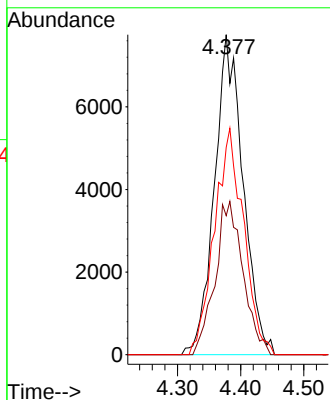
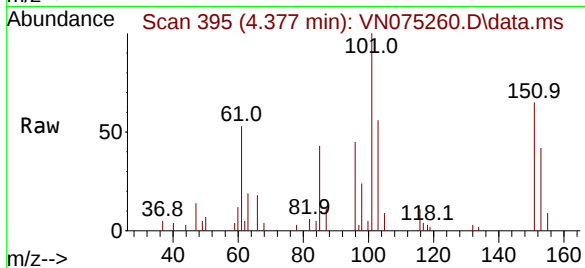
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.835 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075260.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion:101 Resp: 2436
Ion Ratio Lower Upper
101 100
85 47.0 37.6 56.4
151 72.3 58.3 87.5

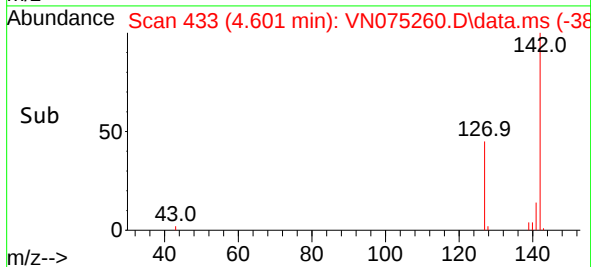
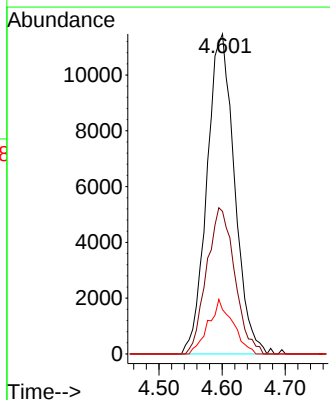
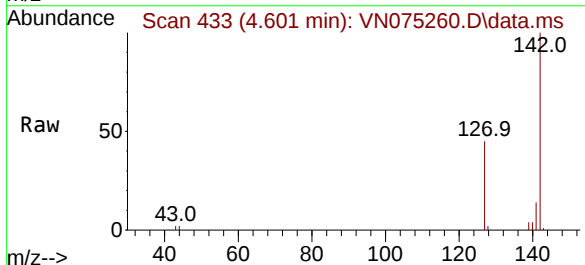
Manual Integrations
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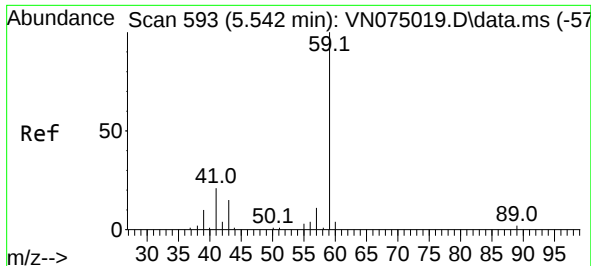
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#10
Methyl Iodide
Concen: 20.948 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion:142 Resp: 34800
Ion Ratio Lower Upper
142 100
127 46.4 38.0 57.0
141 15.0 12.2 18.4





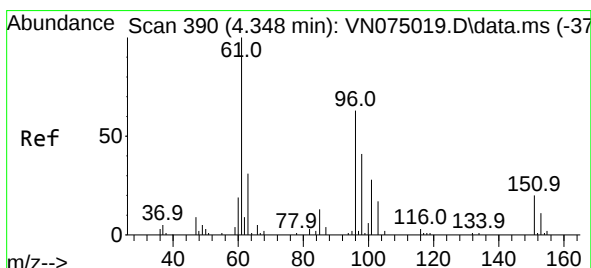
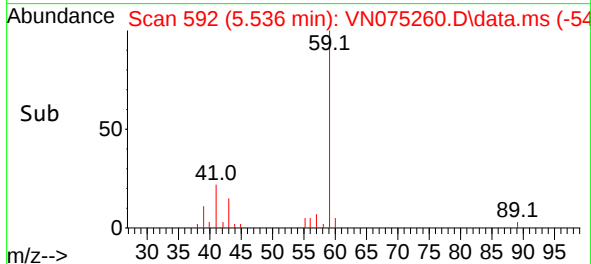
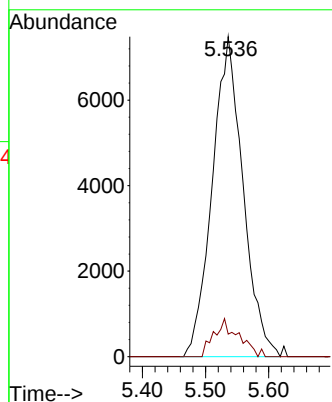
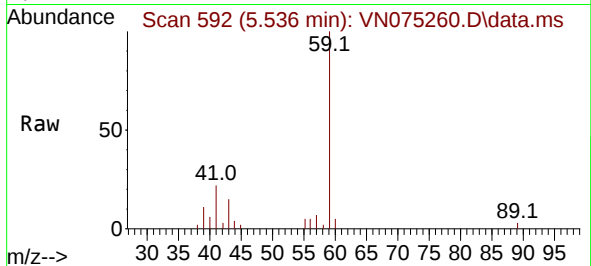
#11
Tert butyl alcohol
Concen: 80.275 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 59 Resp: 25310
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

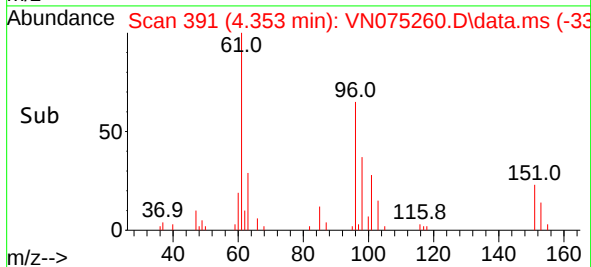
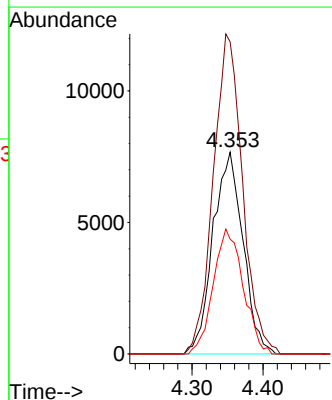
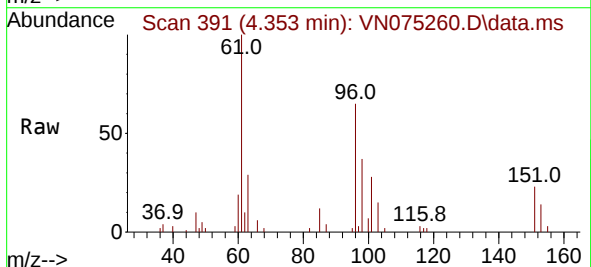
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 21.197 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

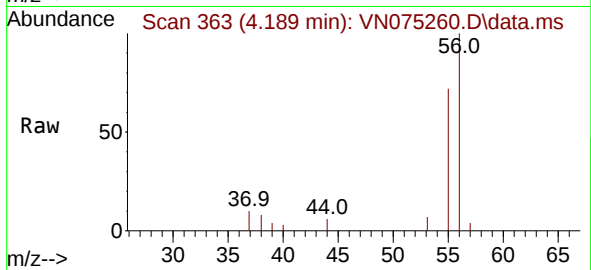
Tgt Ion: 96 Resp: 22546
Ion Ratio Lower Upper
96 100
61 154.7 126.2 189.4
98 57.0 51.5 77.3





#13
Acrolein
Concen: 61.243 ug/l
RT: 4.189 min Scan# 301
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

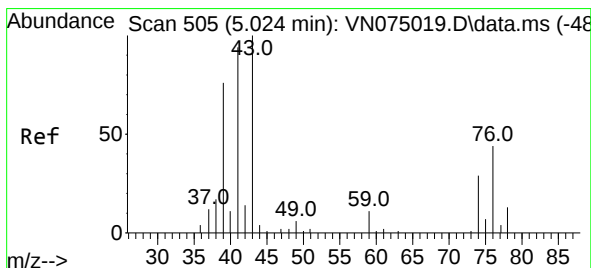
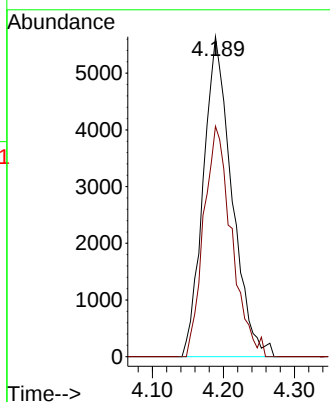
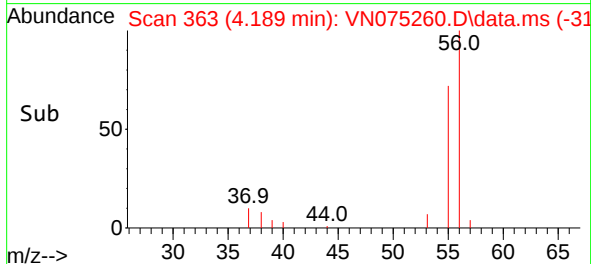
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



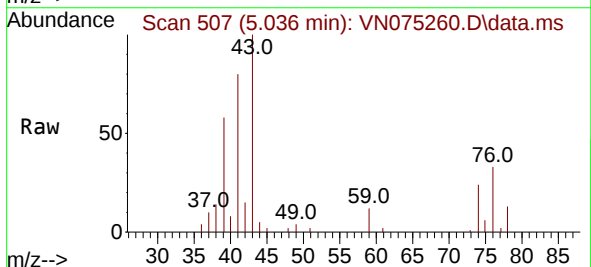
Tgt Ion: 56 Resp: 15794
Ion Ratio Lower Upper
56 100
55 70.3 55.2 82.8

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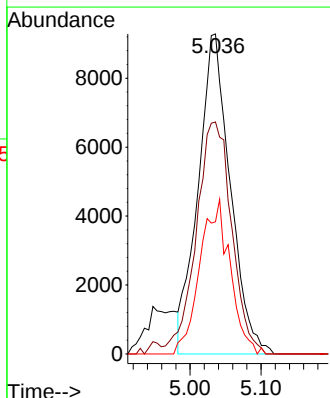
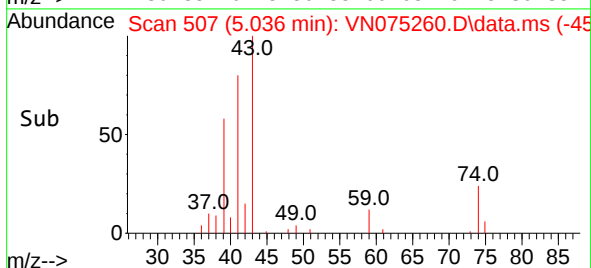
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

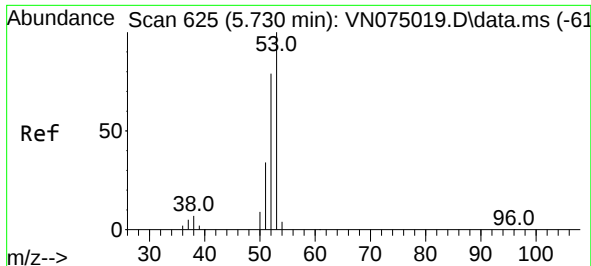


#14
Allyl chloride
Concen: 18.815 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



Tgt Ion: 41 Resp: 29228
Ion Ratio Lower Upper
41 100
39 79.9 61.0 91.4
76 45.4 33.4 50.0





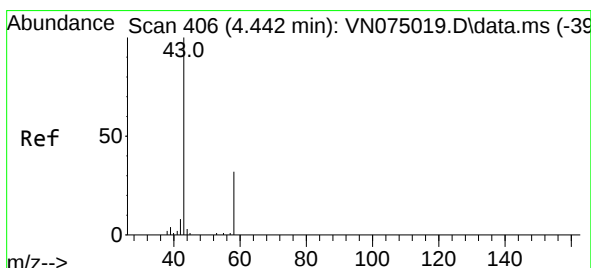
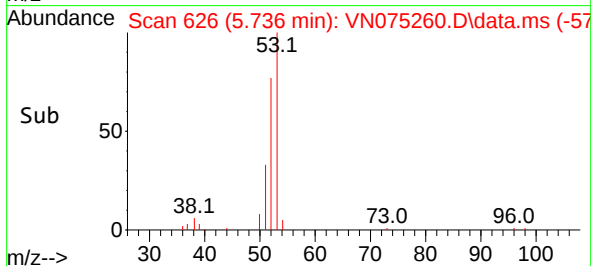
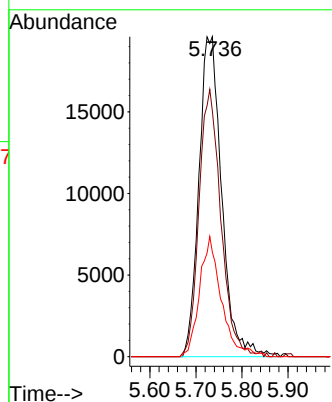
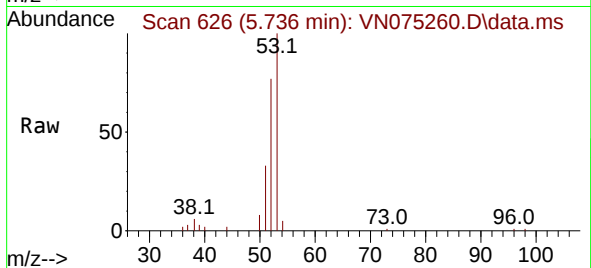
#15
Acrylonitrile
Concen: 101.669 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 53 Resp: 6771
Ion Ratio Lower Upper
53 100
52 79.7 66.4 99.6
51 35.8 29.6 44.4

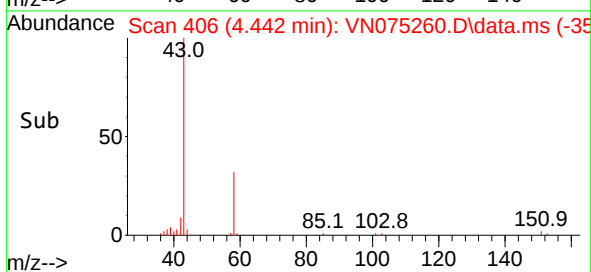
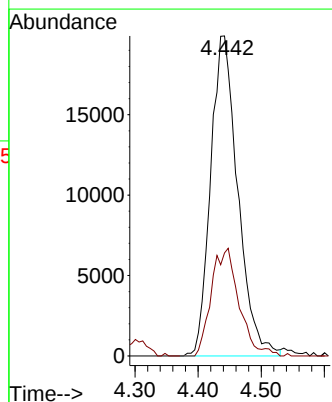
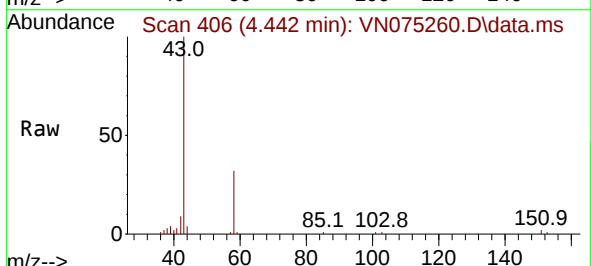
Manual Integrations
APPROVED

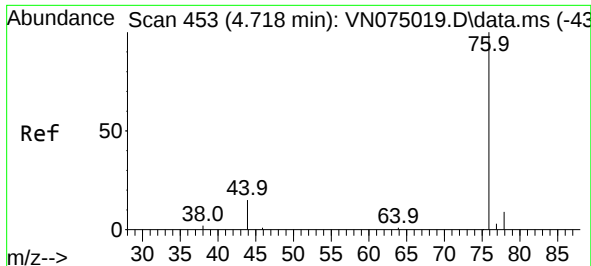
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#16
Acetone
Concen: 103.960 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion: 43 Resp: 59514
Ion Ratio Lower Upper
43 100
58 32.2 25.5 38.3





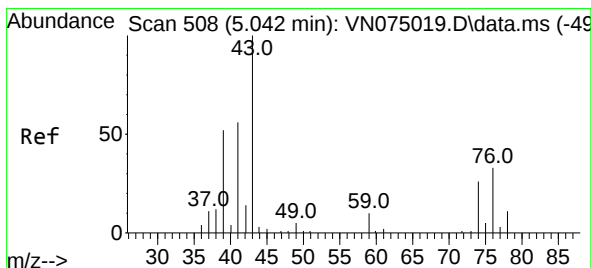
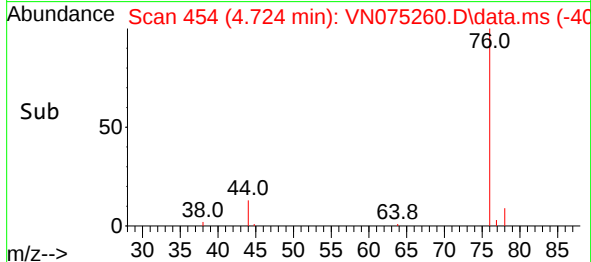
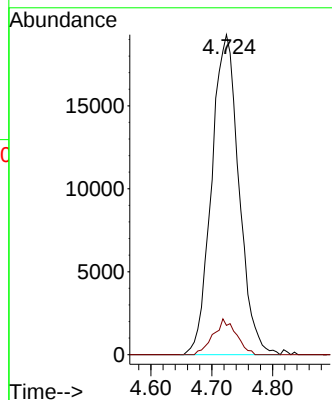
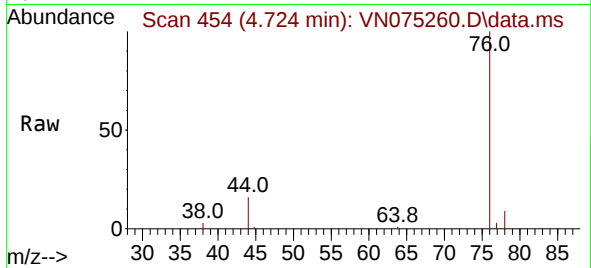
#17
Carbon Disulfide
Concen: 22.509 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 76 Resp: 6020
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

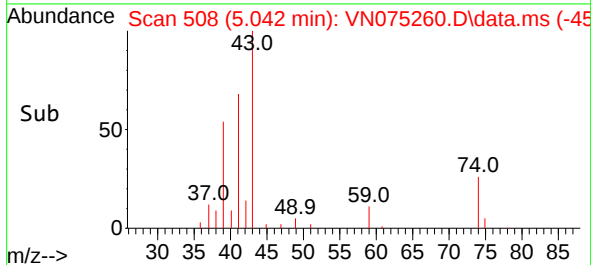
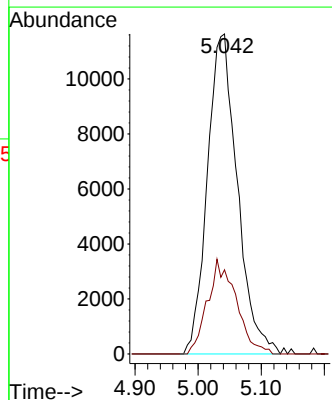
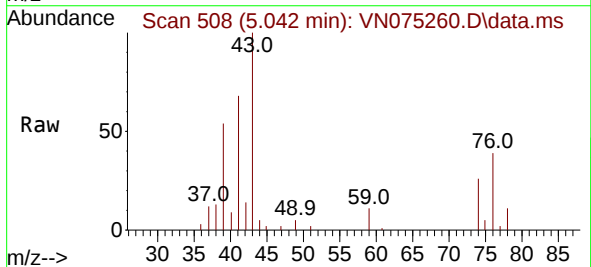
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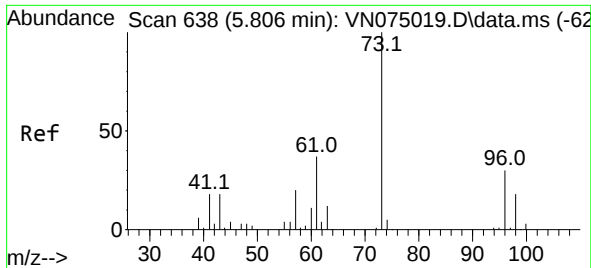
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#18
Methyl Acetate
Concen: 20.495 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion: 43 Resp: 38324
Ion Ratio Lower Upper
43 100
74 28.3 22.0 33.0





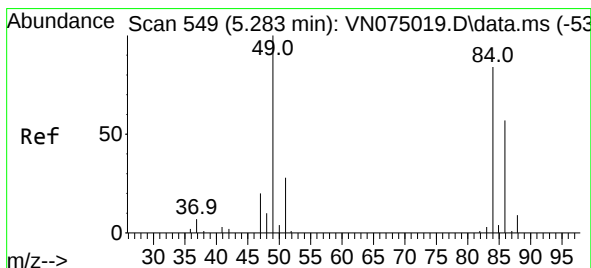
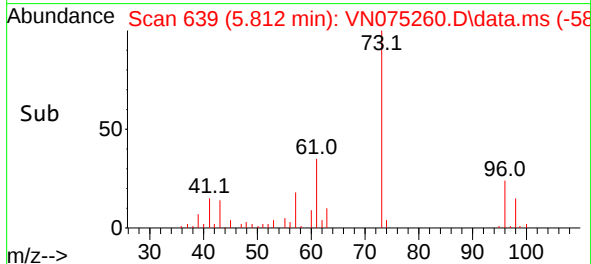
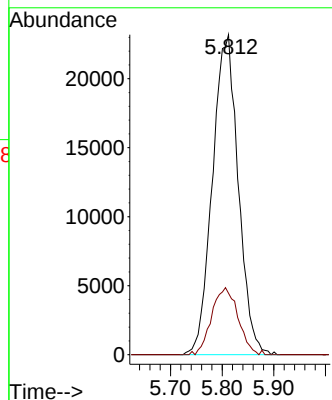
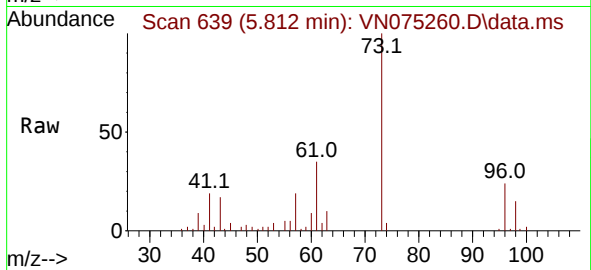
#19
Methyl tert-butyl Ether
Concen: 20.347 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 73 Resp: 8043
Ion Ratio Lower Upper
73 100
57 19.2 16.3 24.5

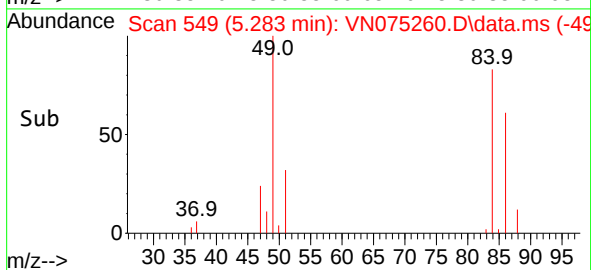
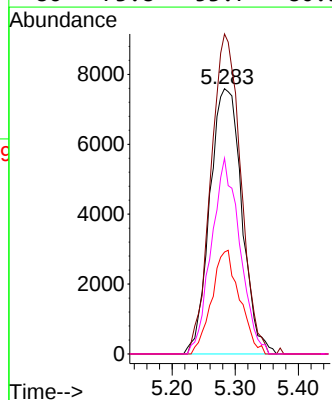
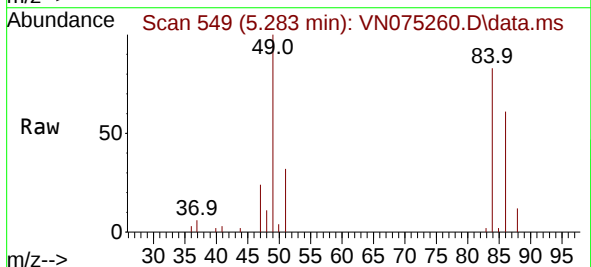
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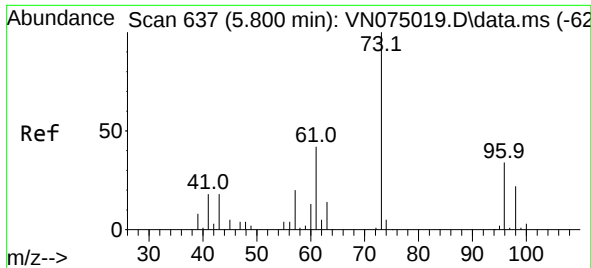
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#20
Methylene Chloride
Concen: 20.923 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion: 84 Resp: 26707
Ion Ratio Lower Upper
84 100
49 120.6 94.9 142.3
51 38.4 26.8 40.2
86 73.8 53.7 80.5





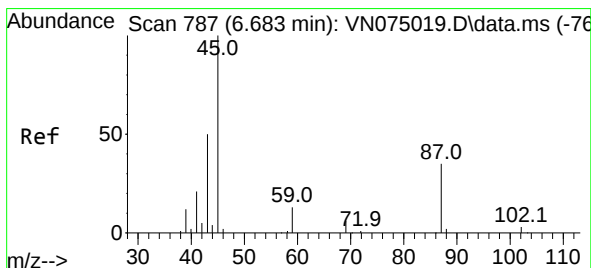
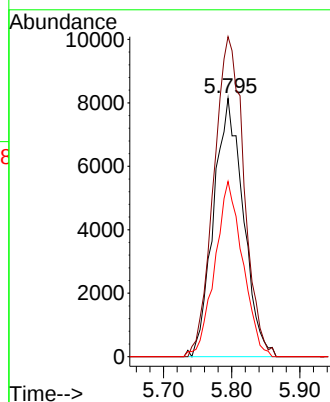
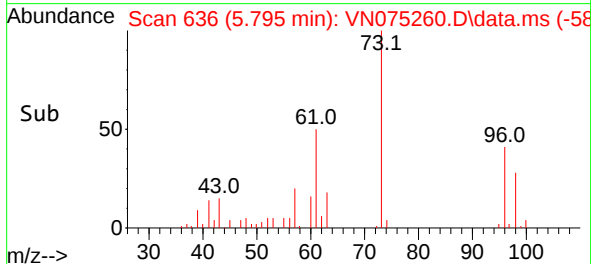
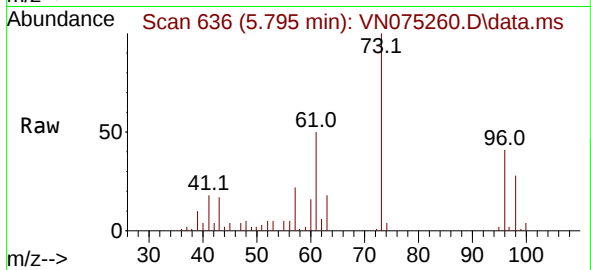
#21
trans-1,2-Dichloroethene
Concen: 21.210 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 96 Resp: 2470
Ion Ratio Lower Upper
96 100
61 123.8 99.9 149.9
98 67.8 51.5 77.3

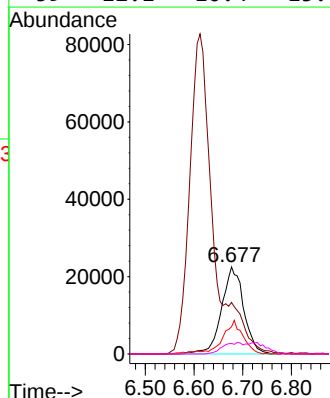
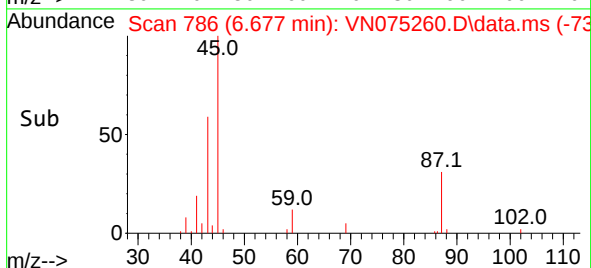
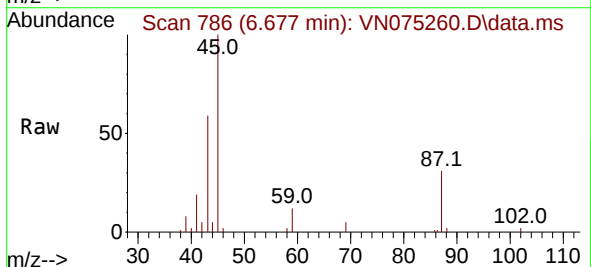
Manual Integrations
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Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#22
Diisopropyl ether
Concen: 20.683 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion: 45 Resp: 70907
Ion Ratio Lower Upper
45 100
43 57.7 42.8 64.2
87 31.2 28.4 42.6
59 12.1 10.4 15.6





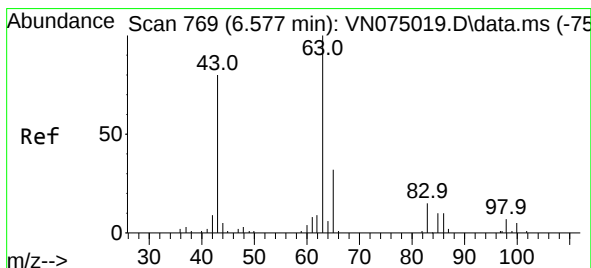
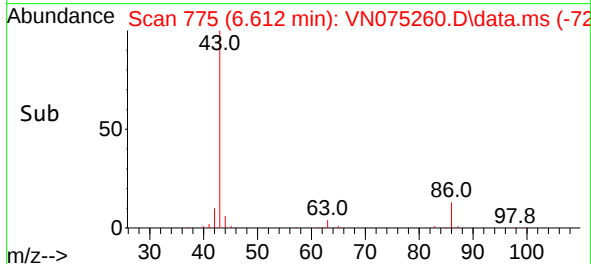
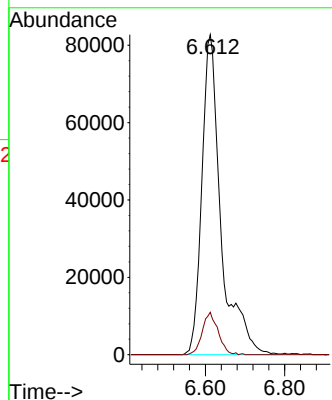
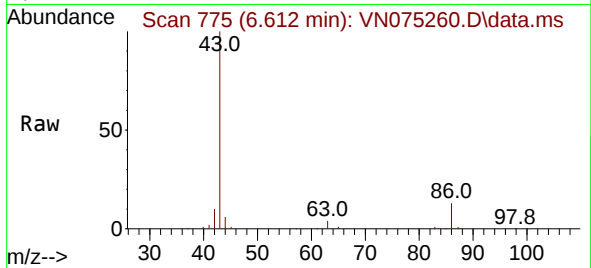
#23
 Vinyl Acetate
 Concen: 96.806 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075260.D
 Acq: 14 Nov 2022 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Tgt Ion: 43 Resp: 277135
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.7 16.1

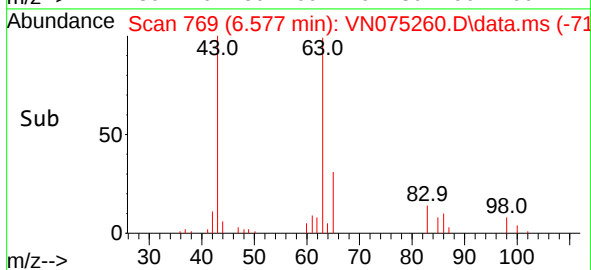
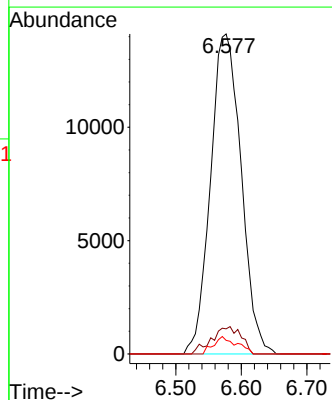
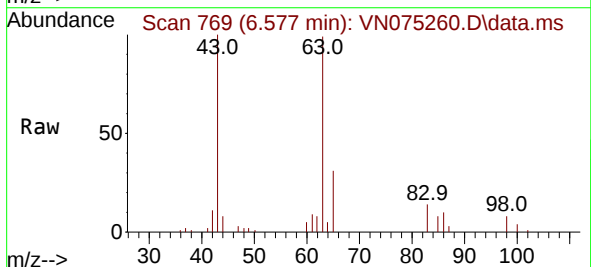
Manual Integrations
 APPROVED

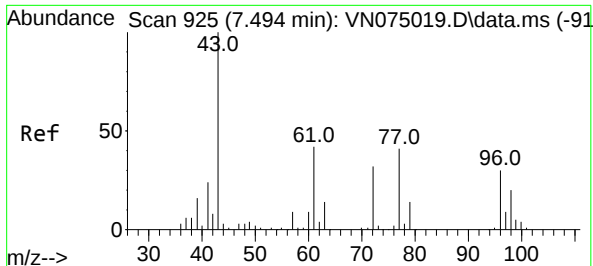
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#24
 1,1-Dichloroethane
 Concen: 21.124 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075260.D
 Acq: 14 Nov 2022 12:55

Tgt Ion: 63 Resp: 45801
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 100.472 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.005 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion: 43 Resp: 90469

Ion Ratio Lower Upper

43 100

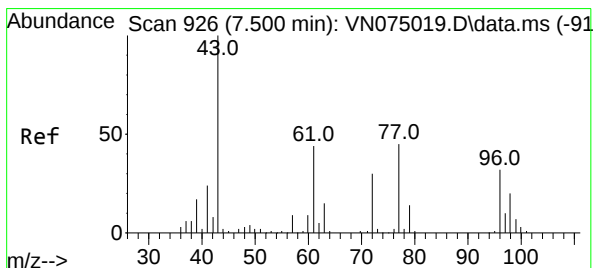
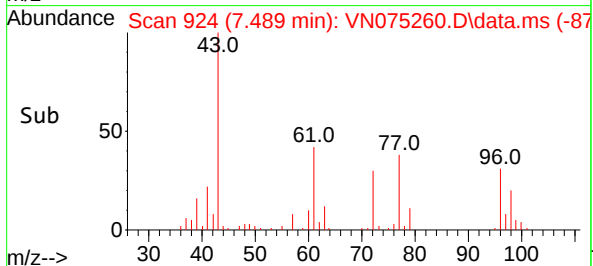
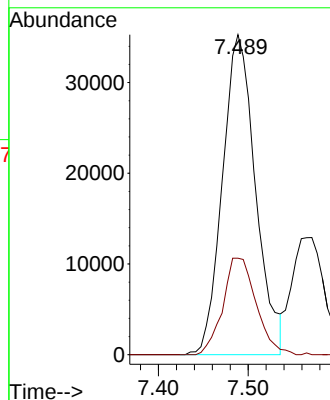
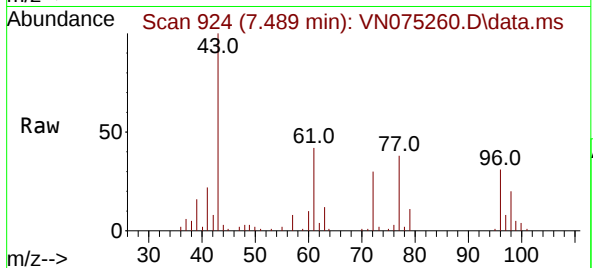
72 30.2 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#26

2,2-Dichloropropane

Concen: 20.344 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075260.D

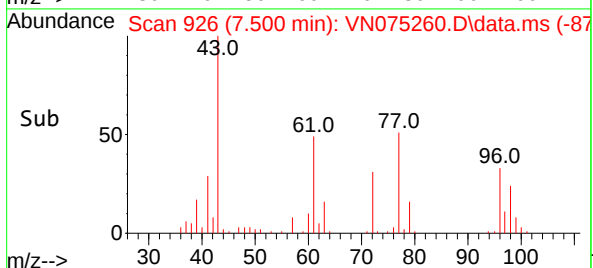
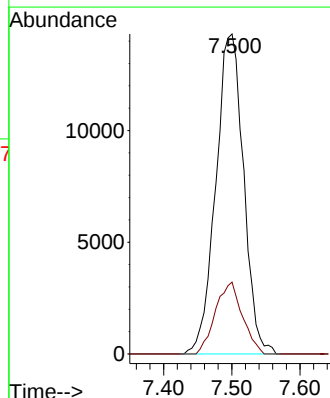
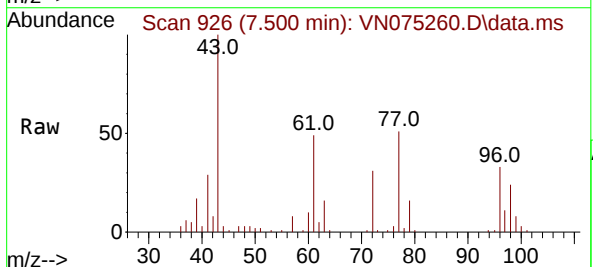
Acq: 14 Nov 2022 12:55

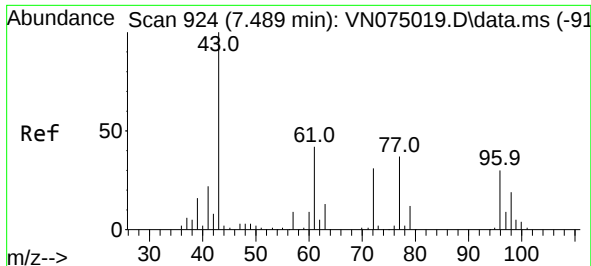
Tgt Ion: 77 Resp: 40580

Ion Ratio Lower Upper

77 100

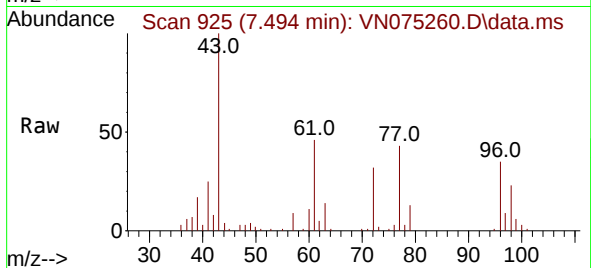
97 21.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.638 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075260.D
 Acq: 14 Nov 2022 12:55

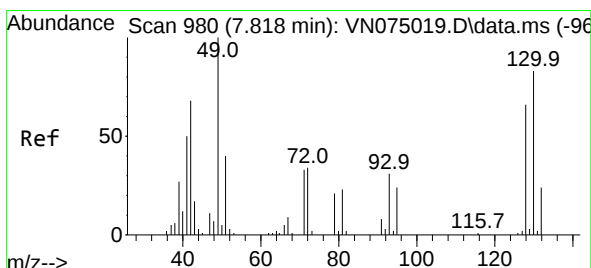
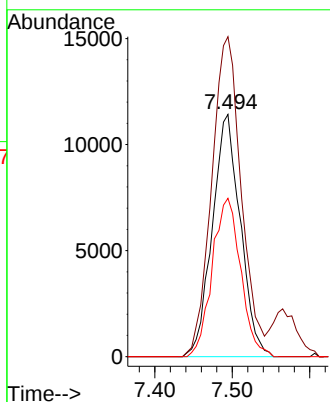
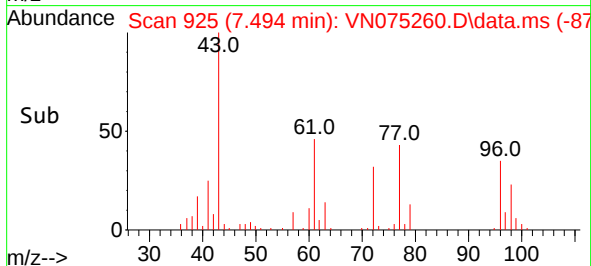
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01



Tgt Ion: 96 Resp: 2870
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 278.8
 98 66.6 0.0 128.4

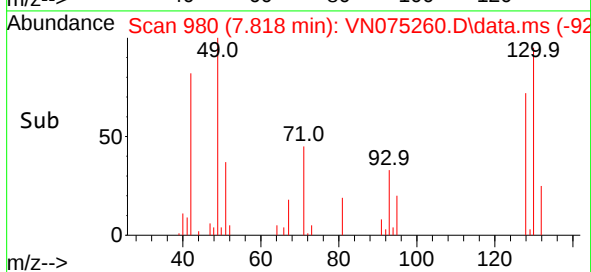
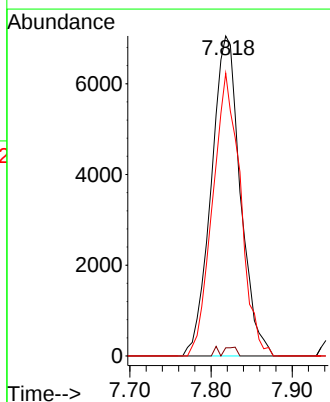
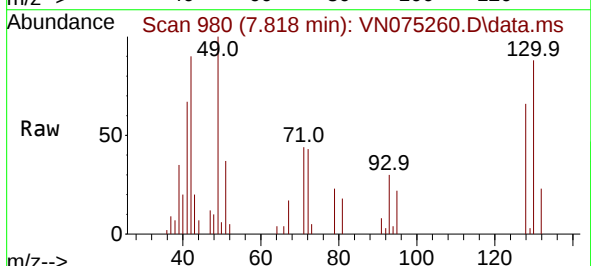
Manual Integrations
 APPROVED

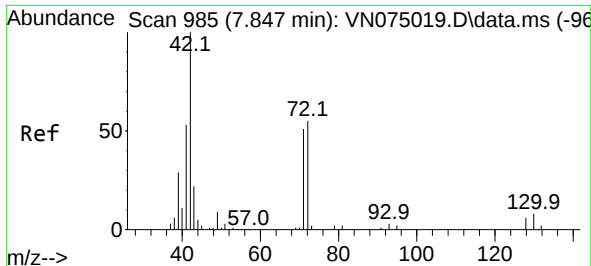
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#28
 Bromochloromethane
 Concen: 19.273 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075260.D
 Acq: 14 Nov 2022 12:55

Tgt Ion: 49 Resp: 17616
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 84.2 66.2 99.4





#29

Tetrahydrofuran

Concen: 96.886 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

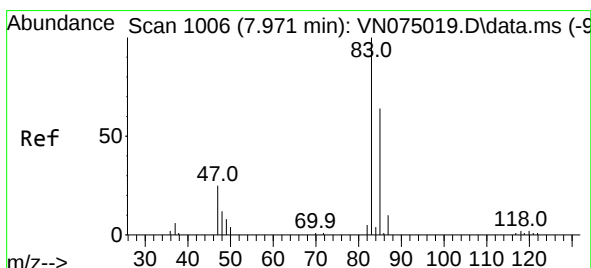
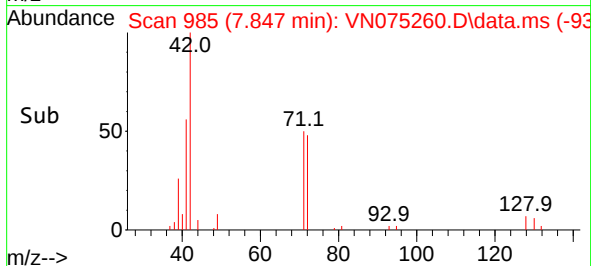
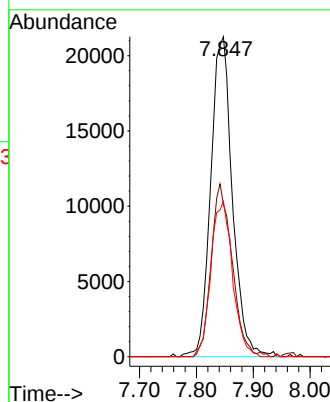
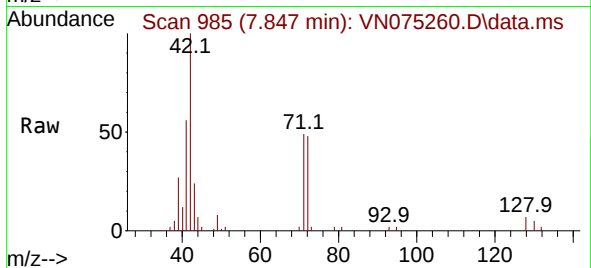
Tgt Ion:	42	Resp:	56374
Ion	Ratio	Lower	Upper
42	100		
72	52.5	43.0	64.6
71	48.4	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#30

Chloroform

Concen: 20.696 ug/l

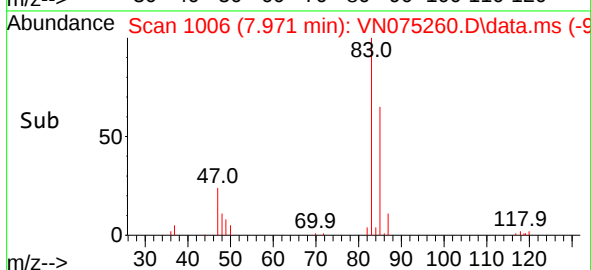
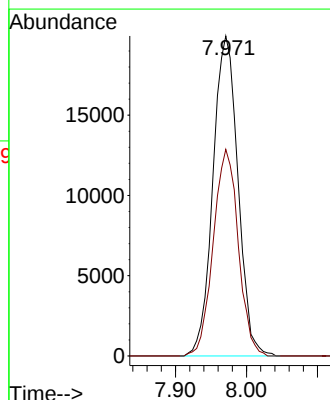
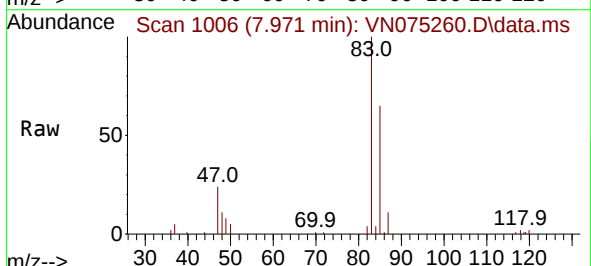
RT: 7.971 min Scan# 1006

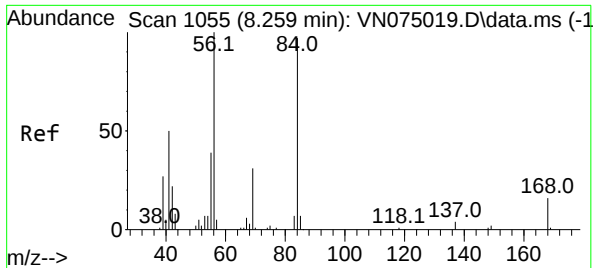
Delta R.T. -0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

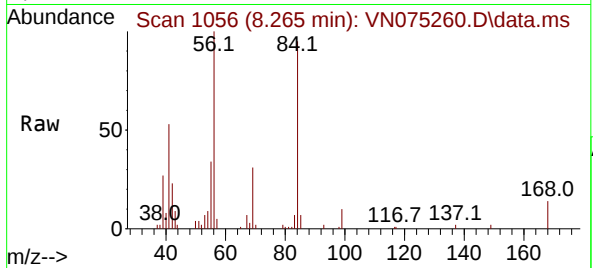
Tgt Ion:	83	Resp:	48721
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.0





#31
Cyclohexane
Concen: 20.583 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

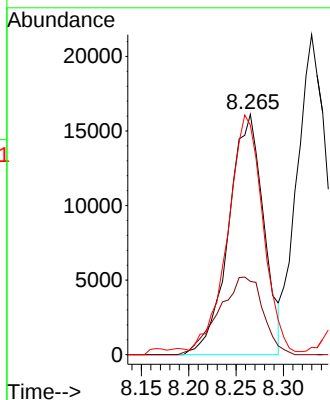
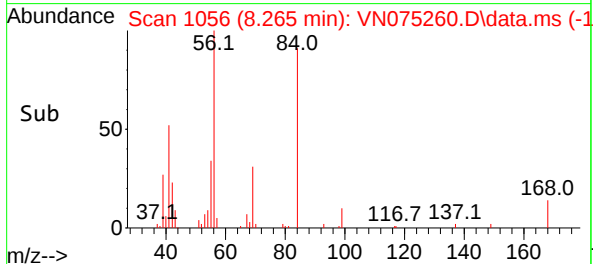
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



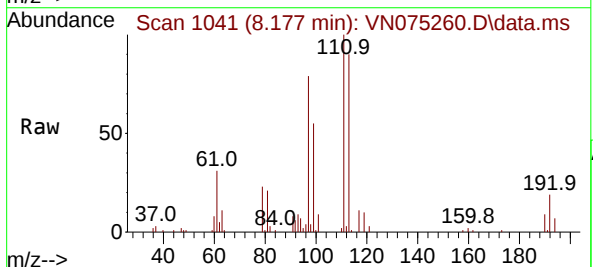
Tgt Ion: 56 Resp: 41389
Ion Ratio Lower Upper
56 100
69 30.5 25.2 37.8
84 92.9 77.8 116.8

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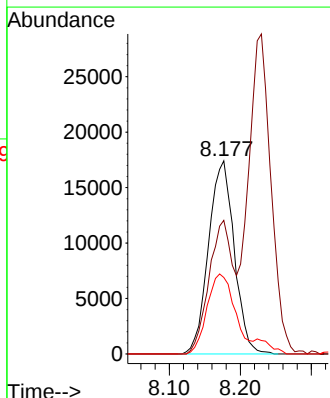
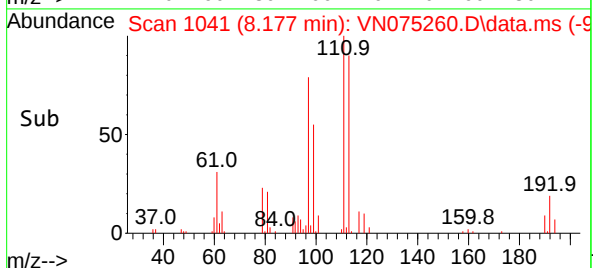
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#32
1,1,1-Trichloroethane
Concen: 20.424 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



Tgt Ion: 97 Resp: 43663
Ion Ratio Lower Upper
97 100
99 64.5 50.2 75.2
61 45.3 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 48.385 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion: 65 Resp: 65410

Ion Ratio Lower Upper

65 100

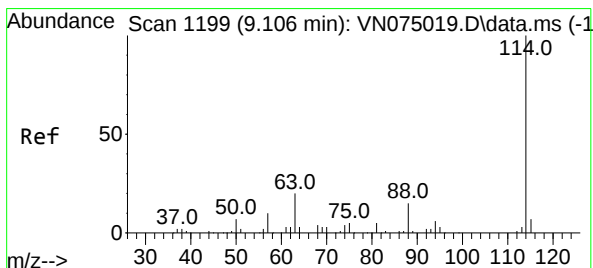
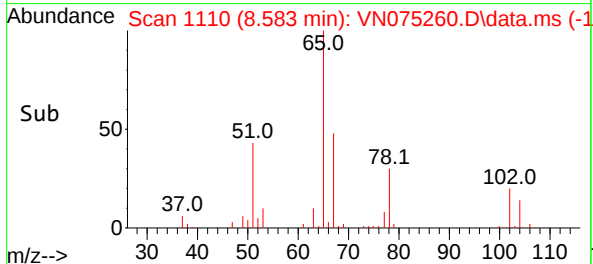
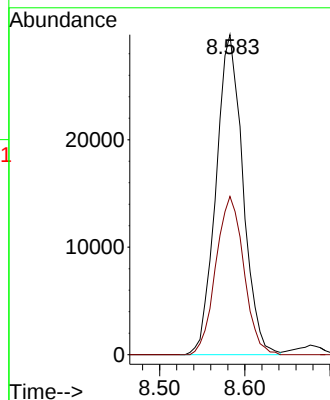
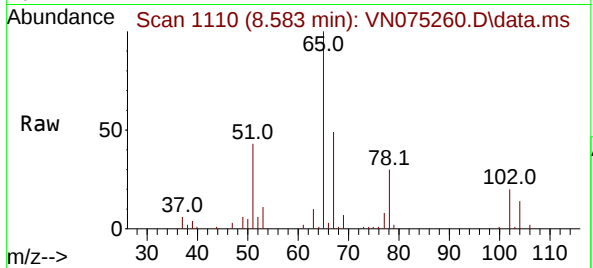
67 51.4 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

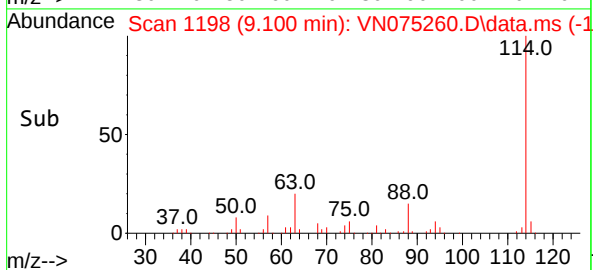
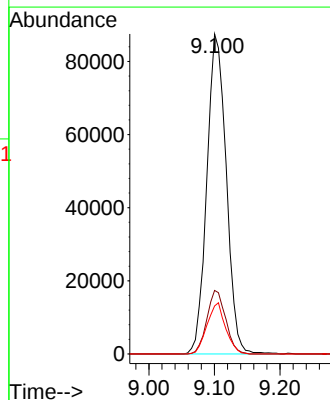
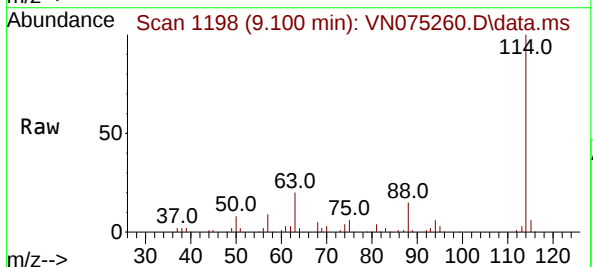
Tgt Ion:114 Resp: 180302

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.901 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion: 113 Resp: 5493

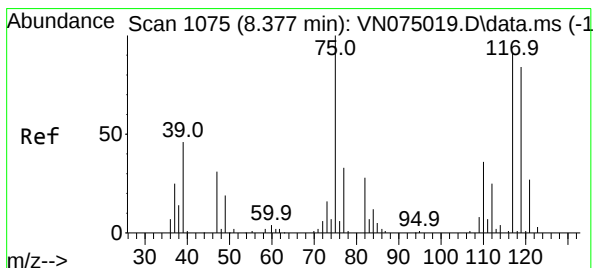
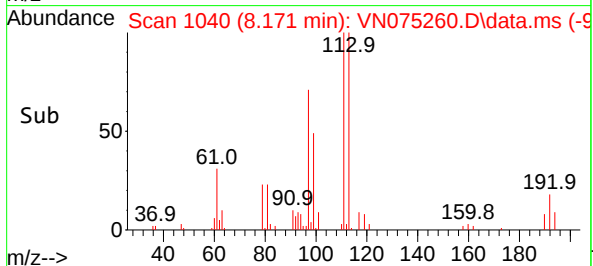
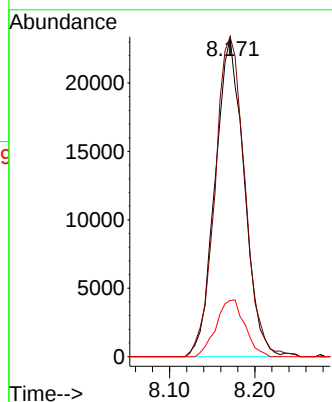
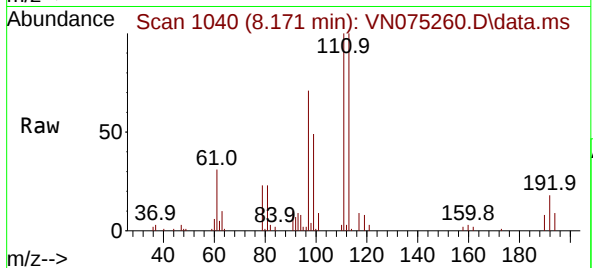
Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.5	120.7
192	17.7	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#36

1,1-Dichloropropene

Concen: 21.653 ug/l

RT: 8.377 min Scan# 1075

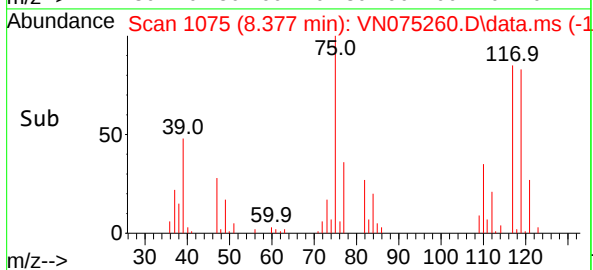
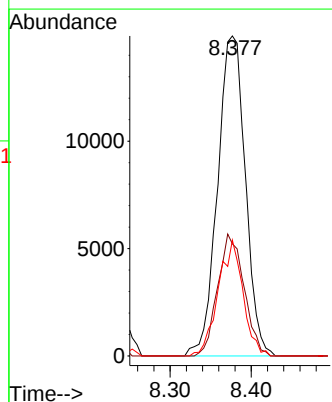
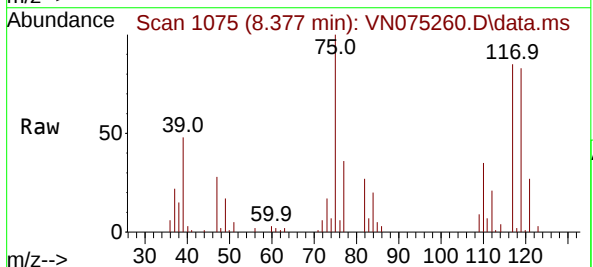
Delta R.T. -0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Tgt Ion: 75 Resp: 35482

Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.3
77	32.3	24.6	37.0





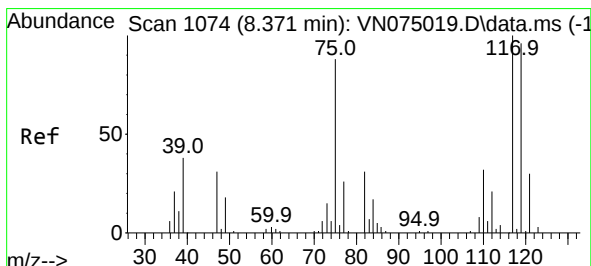
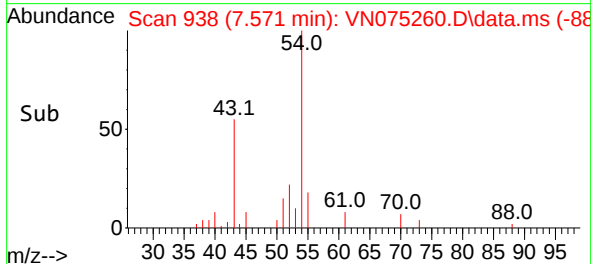
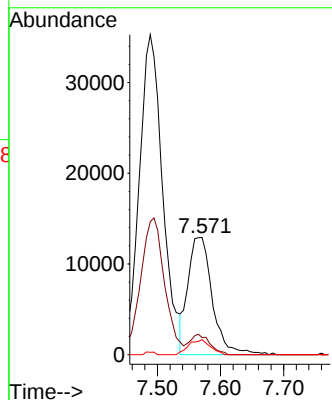
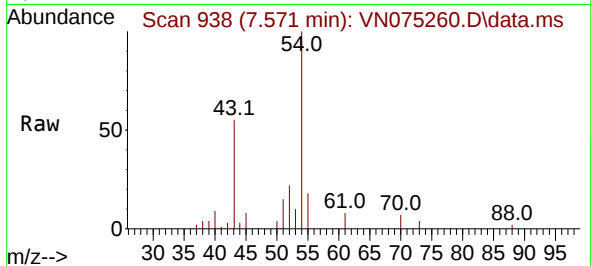
#37
Ethyl Acetate
Concen: 19.364 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 43 Resp: 34799
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.4
70 11.3 9.4 14.2

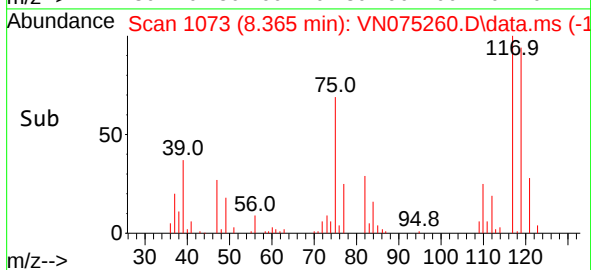
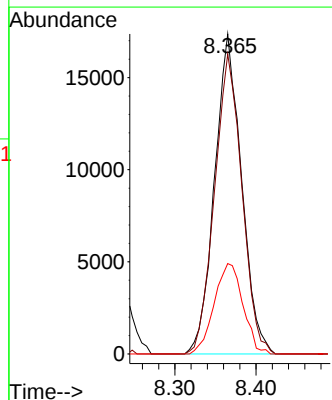
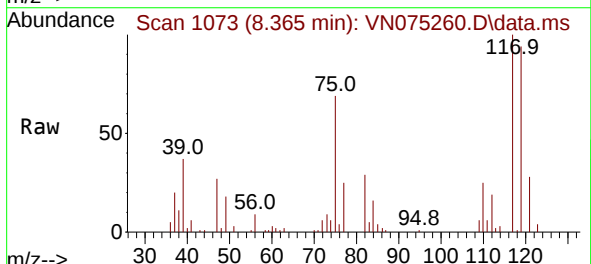
Manual Integrations
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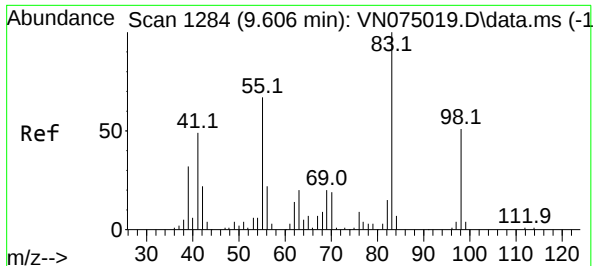
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#38
Carbon Tetrachloride
Concen: 22.213 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion:117 Resp: 40040
Ion Ratio Lower Upper
117 100
119 93.7 76.7 115.1
121 28.3 23.9 35.9





#39

Methylcyclohexane

Concen: 21.474 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion: 83 Resp: 46450

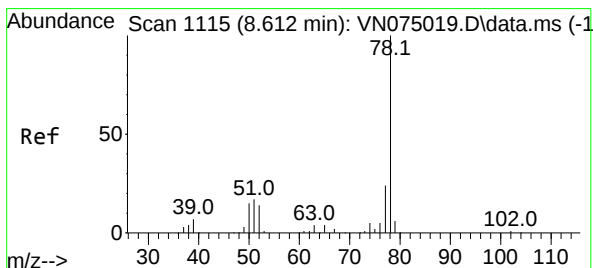
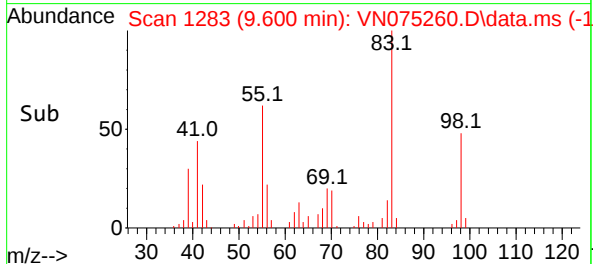
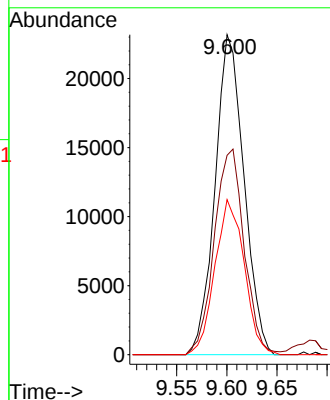
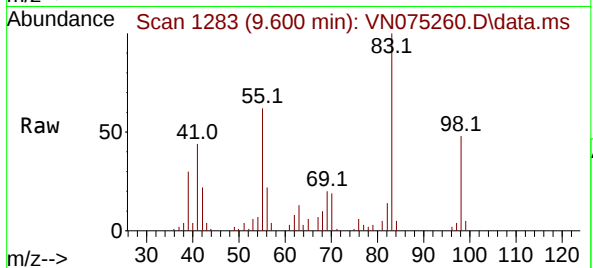
Ion	Ratio	Lower	Upper
83	100		
55	62.3	53.6	80.4
98	48.5	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#40

Benzene

Concen: 21.685 ug/l

RT: 8.606 min Scan# 1114

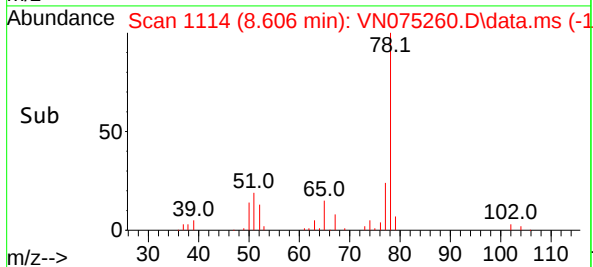
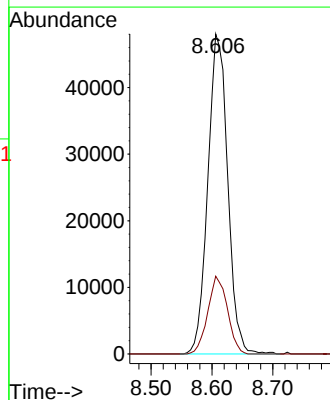
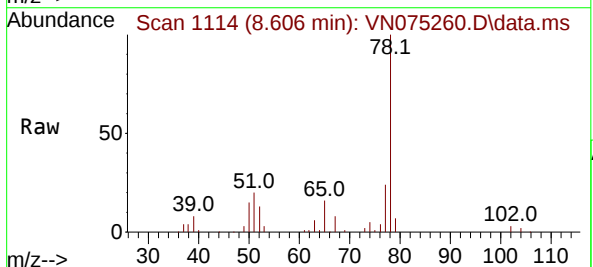
Delta R.T. -0.006 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Tgt Ion: 78 Resp: 108804

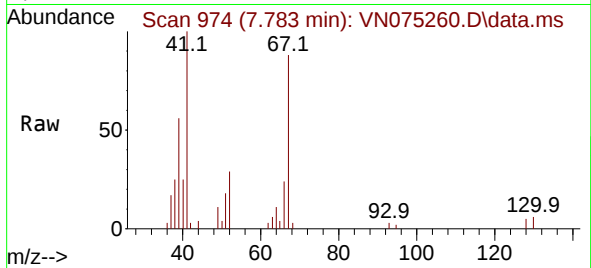
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





#41
Methacrylonitrile
Concen: 21.810 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

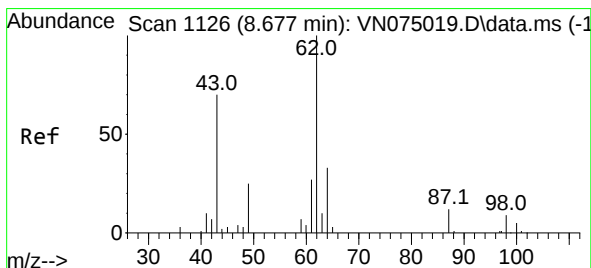
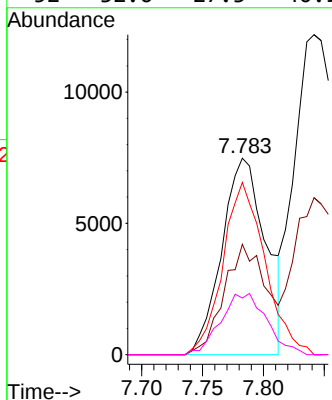
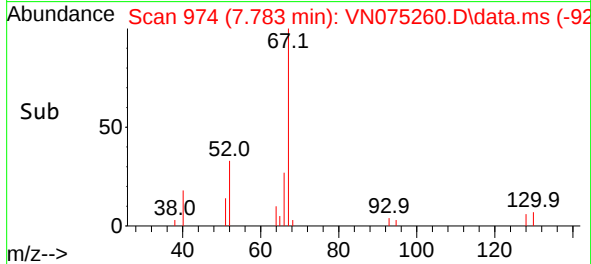
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



Tgt Ion: 41 Resp: 18778
Ion Ratio Lower Upper
41 100
39 54.3 44.4 66.6
67 84.3 69.8 104.6
52 32.6 27.3 40.9

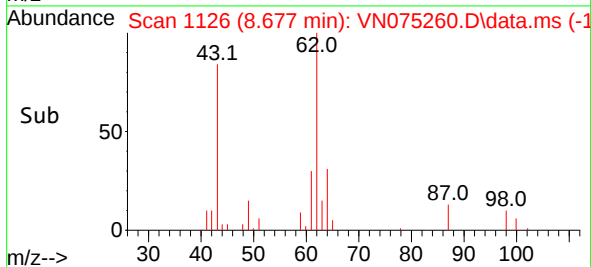
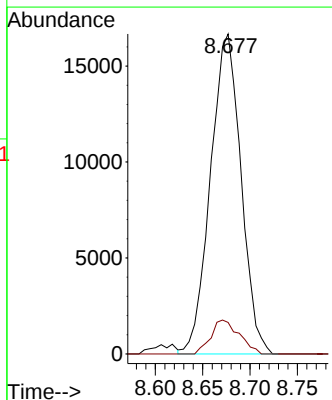
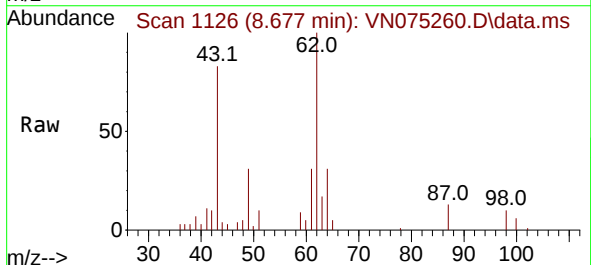
Manual Integrations
APPROVED

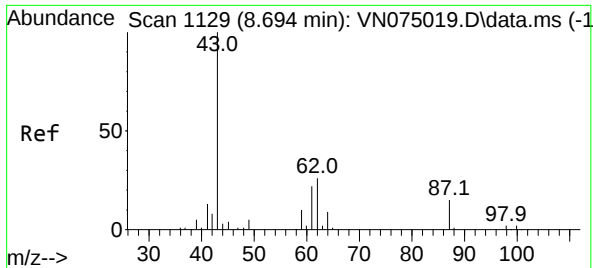
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#42
1,2-Dichloroethane
Concen: 20.477 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion: 62 Resp: 37380
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.2





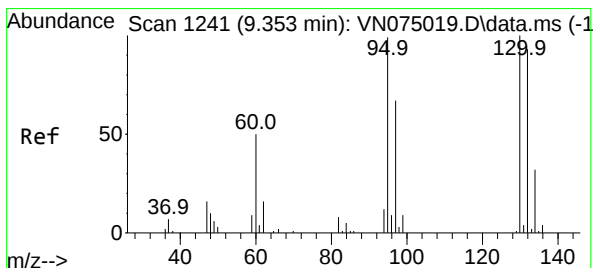
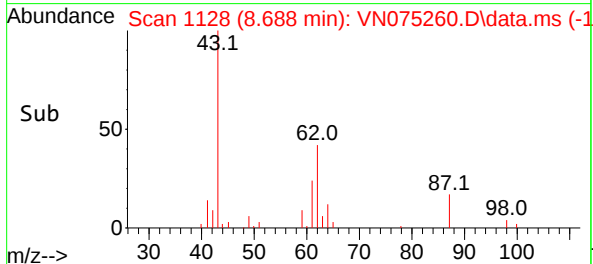
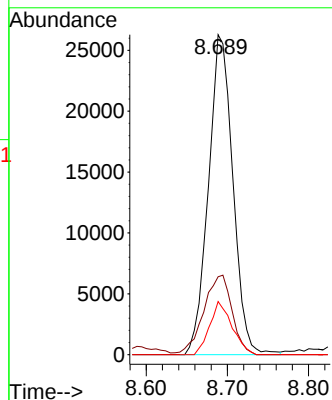
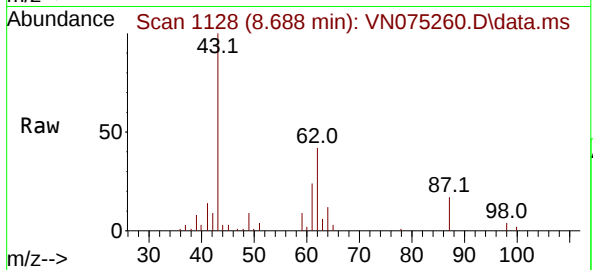
#43
Isopropyl Acetate
Concen: 19.754 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 43 Resp: 5506
Ion Ratio Lower Upper
43 100
61 28.8 22.4 33.6
87 15.2 12.5 18.7

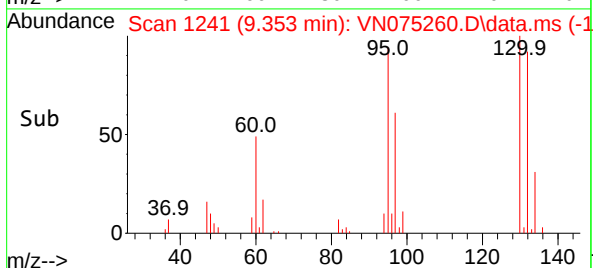
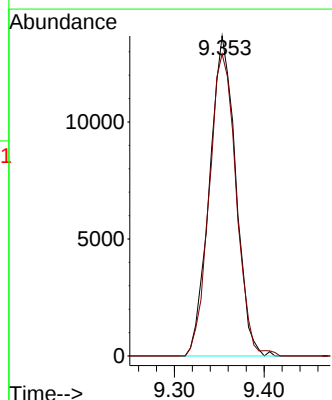
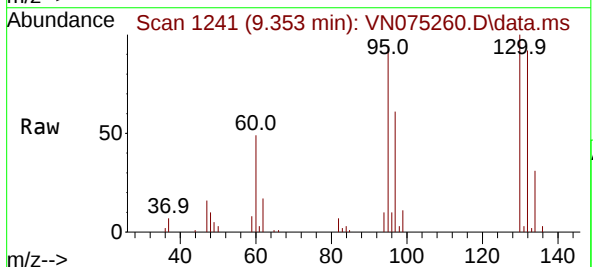
Manual Integrations
APPROVED

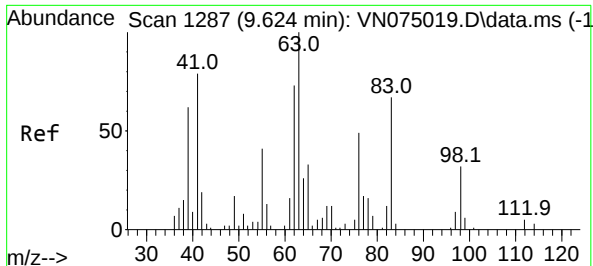
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#44
Trichloroethene
Concen: 22.011 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion:130 Resp: 27708
Ion Ratio Lower Upper
130 100
95 94.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 22.716 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion: 63 Resp: 27124

Ion Ratio Lower Upper

63 100

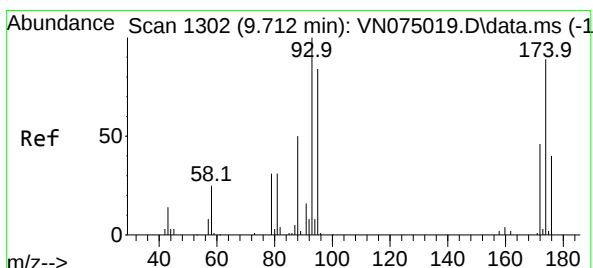
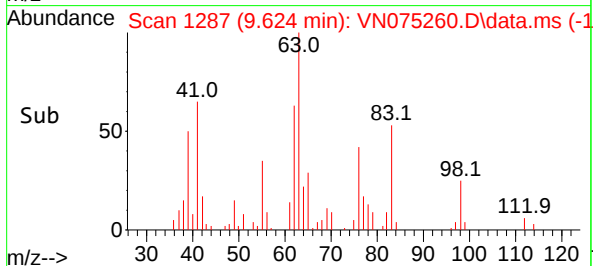
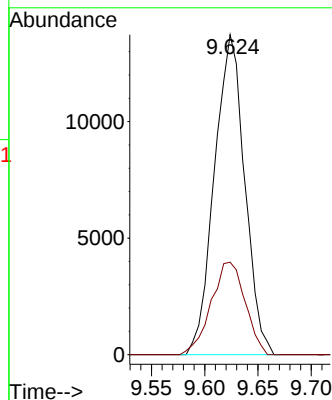
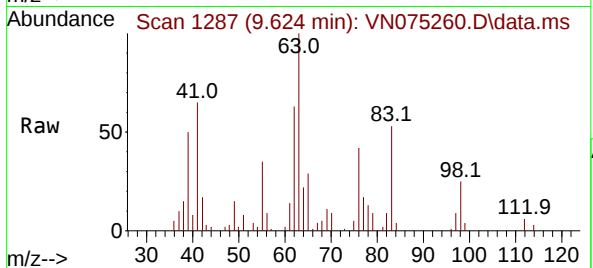
65 28.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#46

Dibromomethane

Concen: 21.392 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

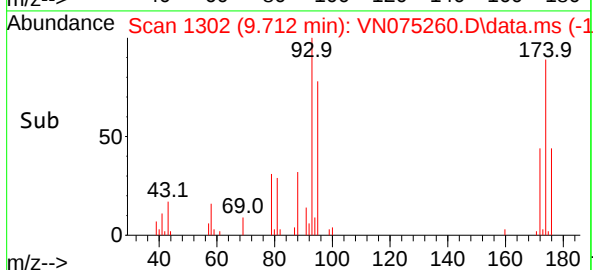
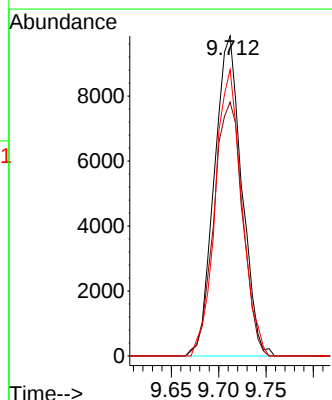
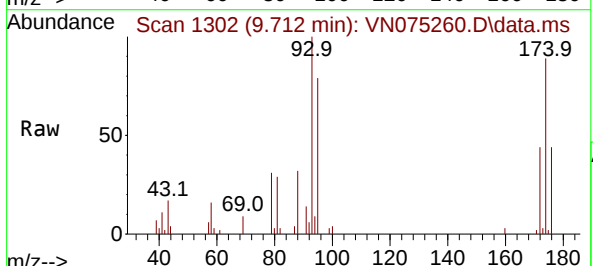
Tgt Ion: 93 Resp: 19900

Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

174 86.4 70.3 105.5





#47

Bromodichloromethane

Concen: 21.821 ug/l

RT: 9.888 min Scan# 1333

Delta R.T. -0.006 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

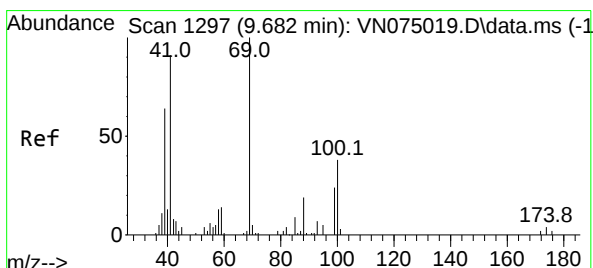
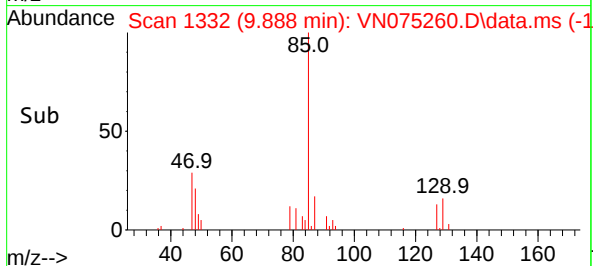
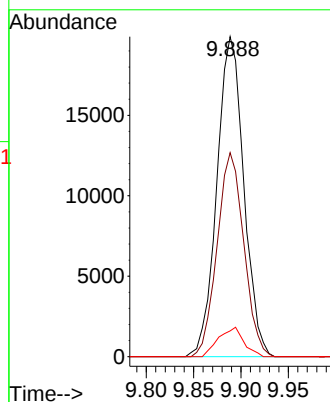
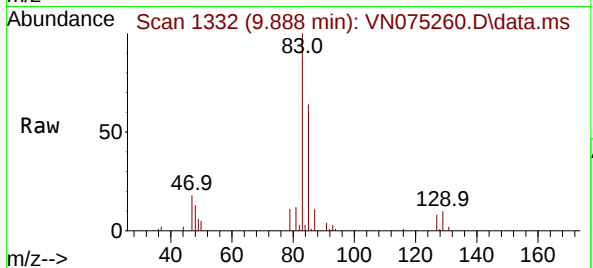
Tgt Ion:	83	Resp:	39310
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.1	78.1
127	8.0	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#48

Methyl methacrylate

Concen: 19.812 ug/l

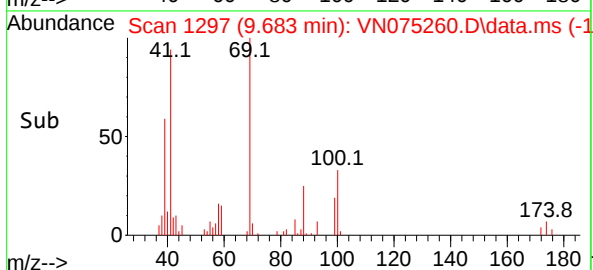
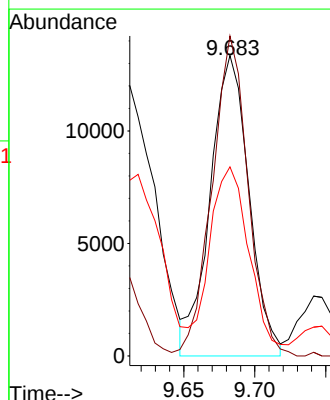
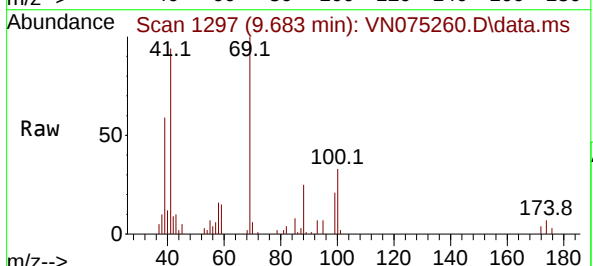
RT: 9.683 min Scan# 1297

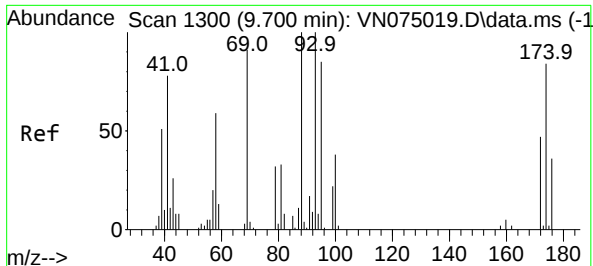
Delta R.T. 0.001 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

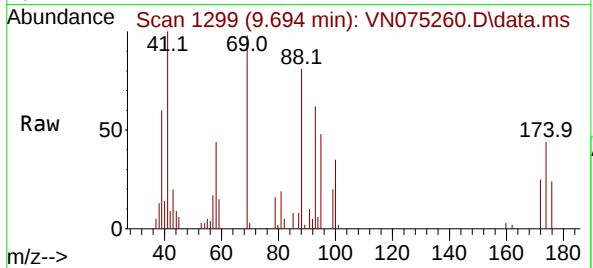
Tgt Ion:	41	Resp:	25334
Ion	Ratio	Lower	Upper
41	100		
69	99.1	80.2	120.2
39	65.0	56.2	84.2





#49
1,4-Dioxane
Concen: 390.692 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

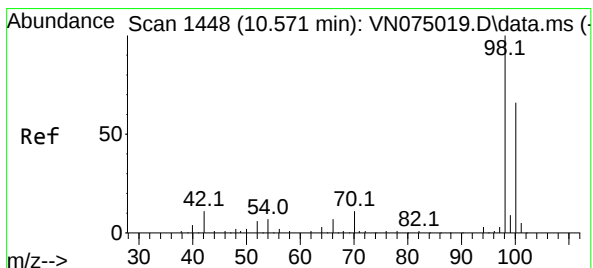
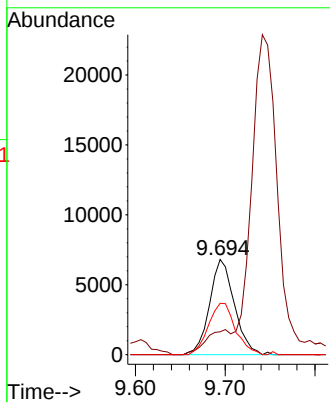
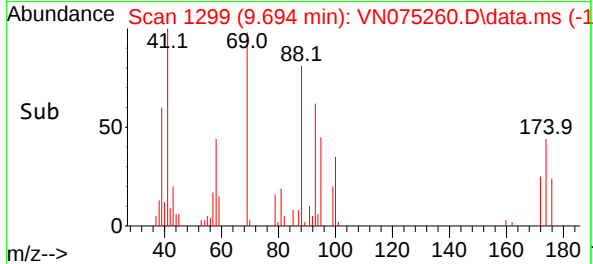
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



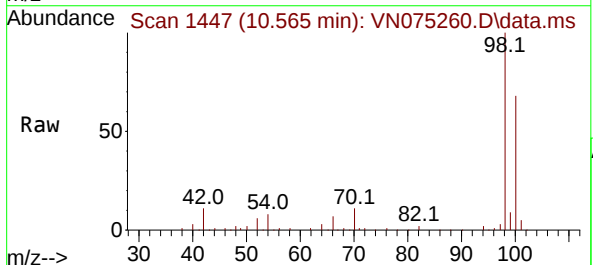
Tgt Ion: 88 Resp: 13082
Ion Ratio Lower Upper
88 100
43 0.0 17.5 26.3
58 58.6 49.8 74.8

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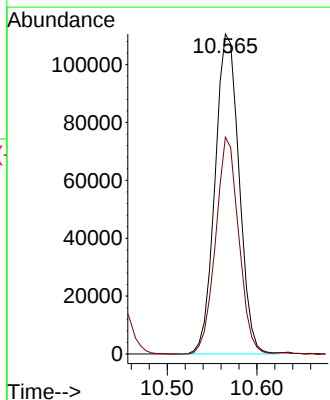
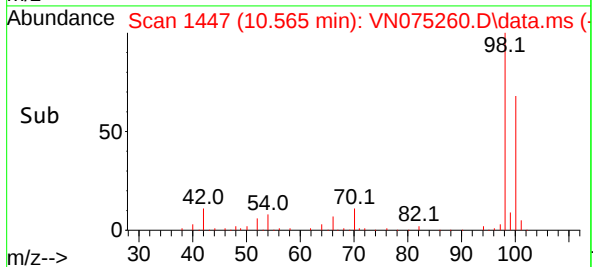
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#50
Toluene-d8
Concen: 50.094 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



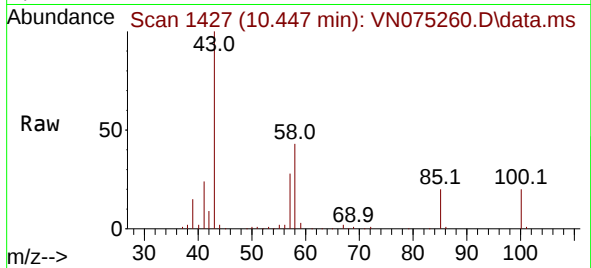
Tgt Ion: 98 Resp: 205715
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 99.844 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

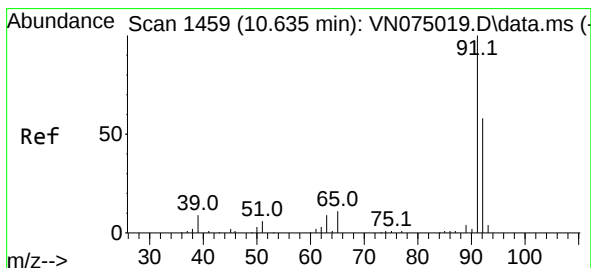
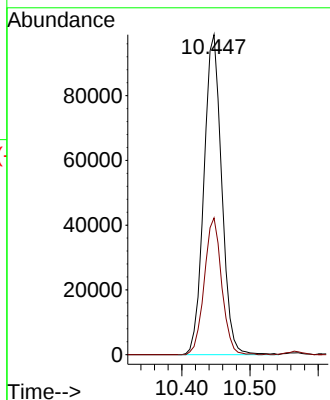
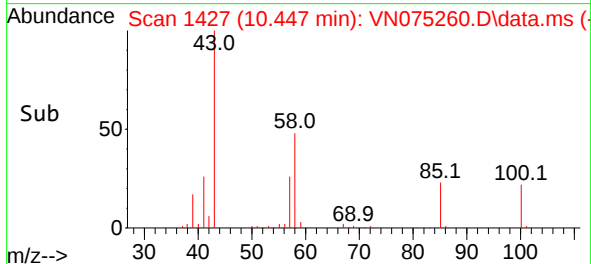
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



Tgt Ion: 43 Resp: 17960
Ion Ratio Lower Upper
43 100
58 41.7 33.6 50.4

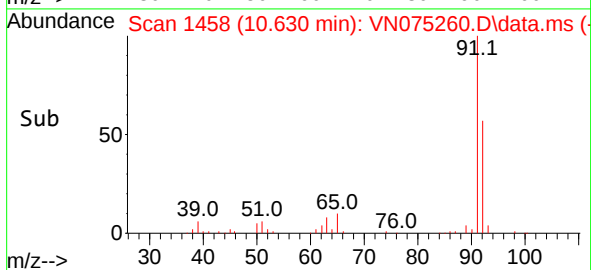
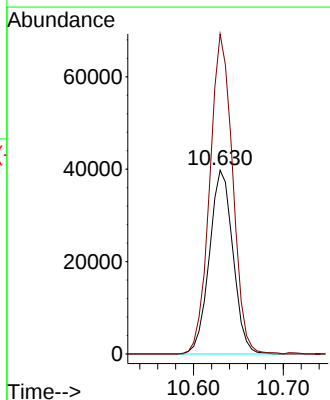
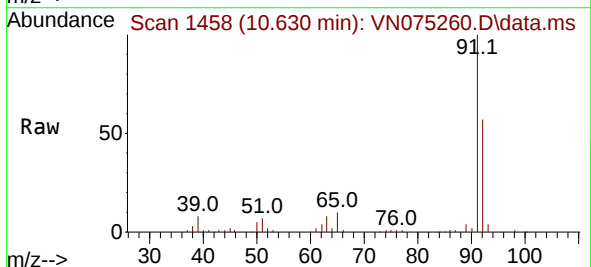
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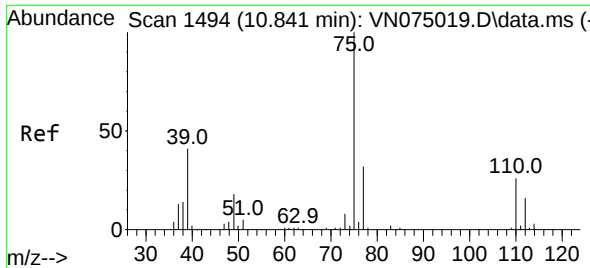
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#52
Toluene
Concen: 21.581 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.005 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion: 92 Resp: 72382
Ion Ratio Lower Upper
92 100
91 169.5 135.4 203.2





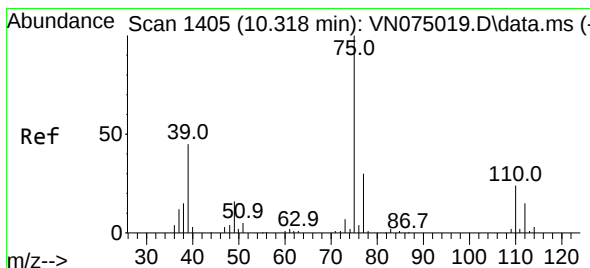
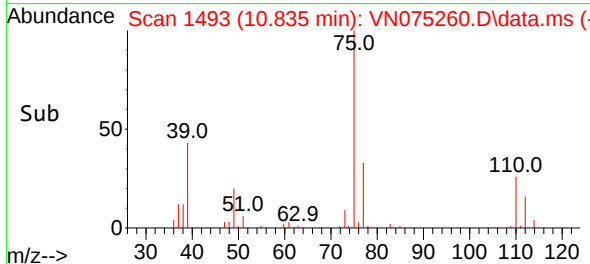
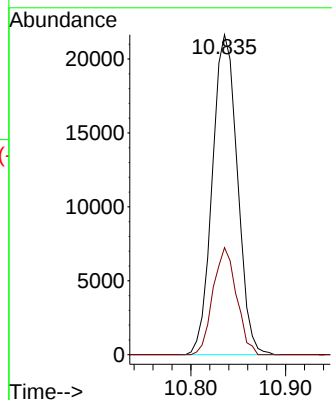
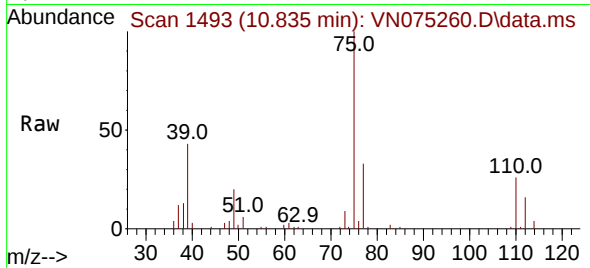
#53
 t-1,3-Dichloropropene
 Concen: 20.938 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075260.D
 Acq: 14 Nov 2022 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Tgt Ion: 75 Resp: 3981
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.2

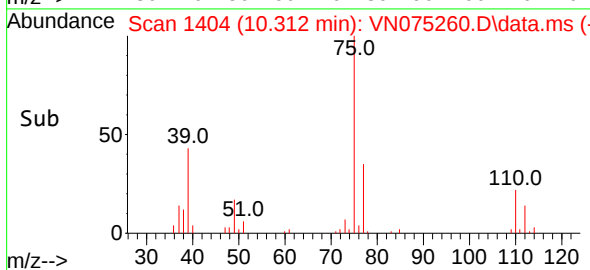
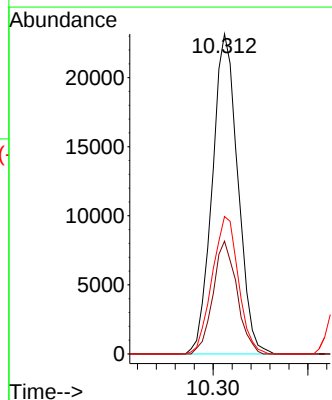
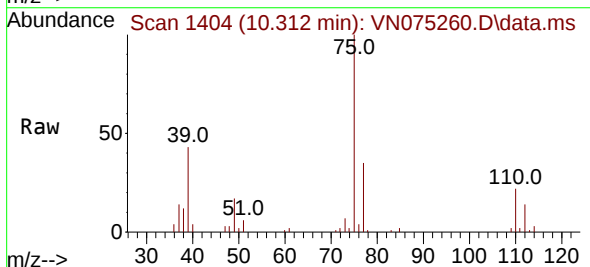
Manual Integrations
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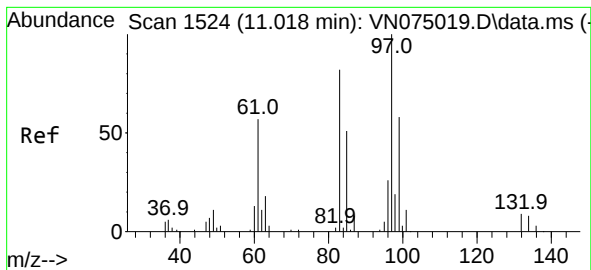
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 21.521 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075260.D
 Acq: 14 Nov 2022 12:55

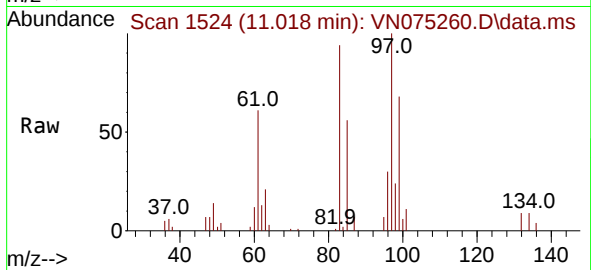
Tgt Ion: 75 Resp: 43403
 Ion Ratio Lower Upper
 75 100
 77 35.2 23.7 35.5
 39 43.0 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.357 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

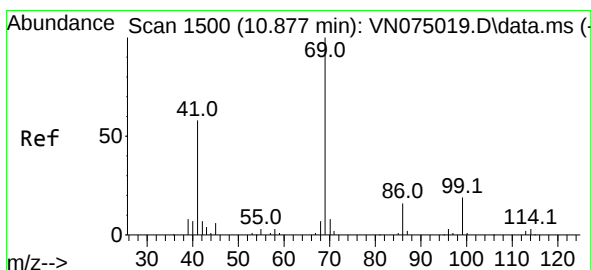
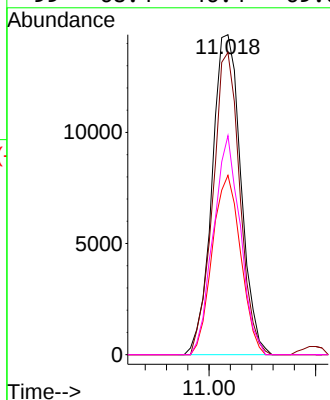
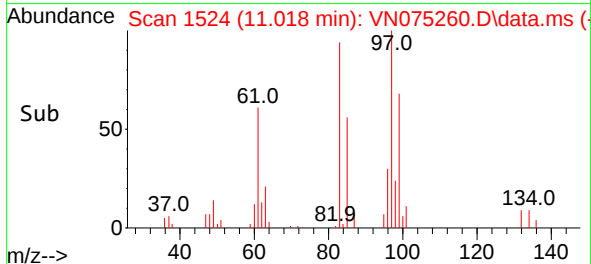
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



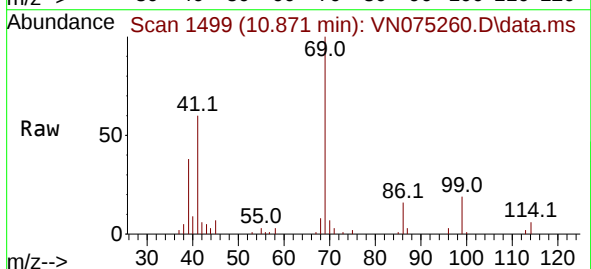
Tgt Ion:	97	Resp:	2707
Ion Ratio	100	Lower	Upper
97	100		
83	94.5	65.9	98.9
85	56.1	40.4	60.6
99	68.4	46.4	69.6

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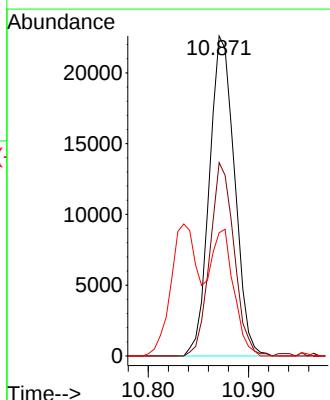
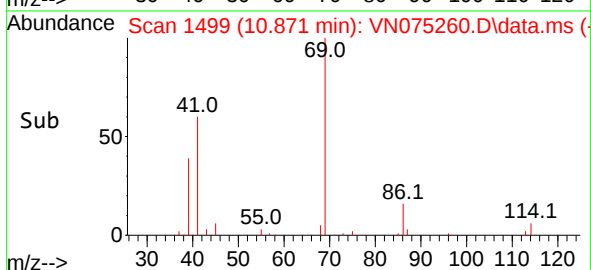
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

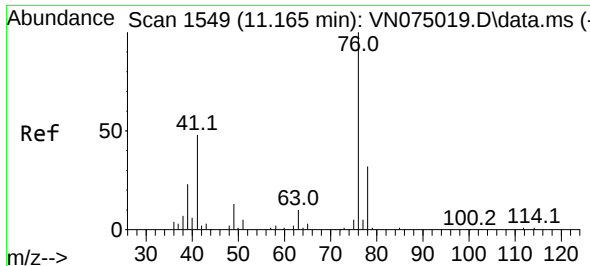


#56
Ethyl methacrylate
Concen: 19.471 ug/l
RT: 10.871 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



Tgt Ion:	69	Resp:	39499
Ion Ratio	100	Lower	Upper
69	100		
41	58.0	45.6	68.4
39	37.8	28.5	42.7





#57

1,3-Dichloropropane

Concen: 21.101 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion: 76 Resp: 4673

Ion Ratio Lower Upper

76 100

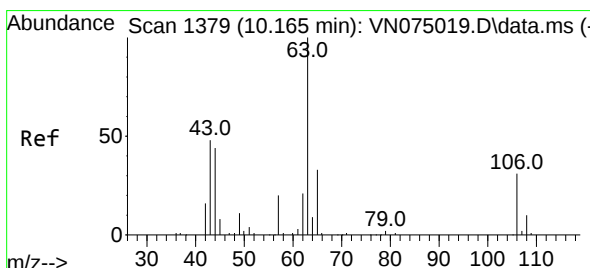
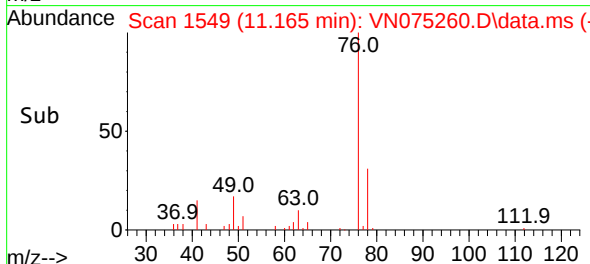
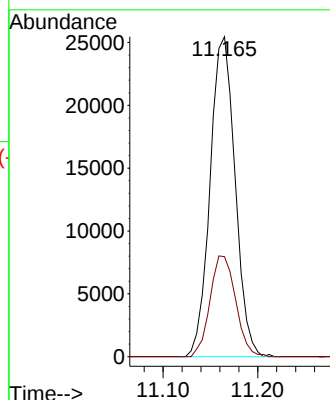
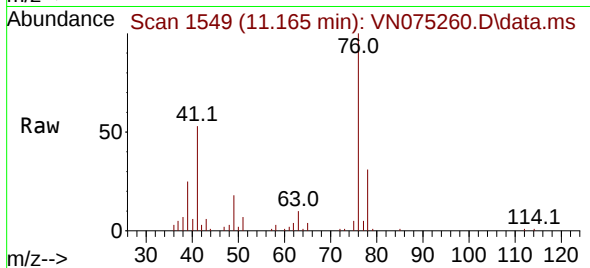
78 32.4 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 97.054 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075260.D

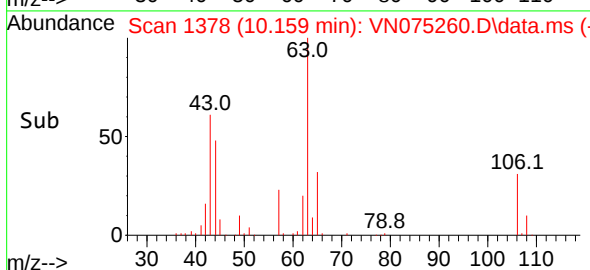
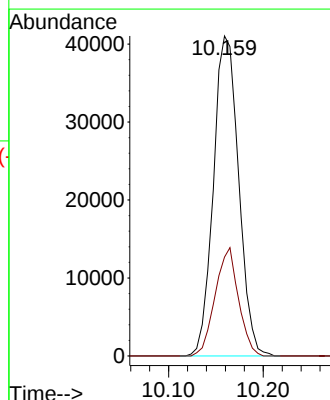
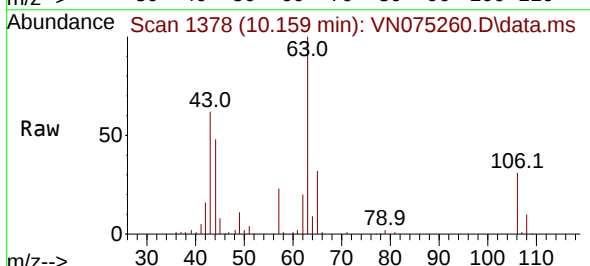
Acq: 14 Nov 2022 12:55

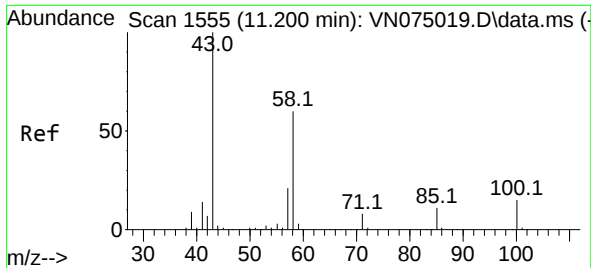
Tgt Ion: 63 Resp: 76114

Ion Ratio Lower Upper

63 100

106 31.2 24.8 37.2





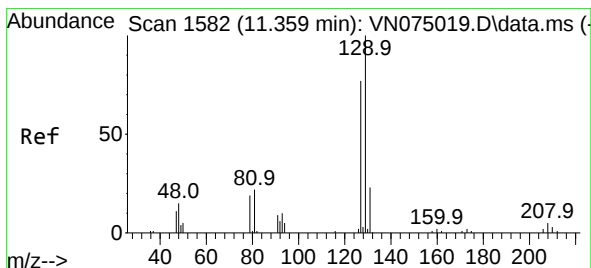
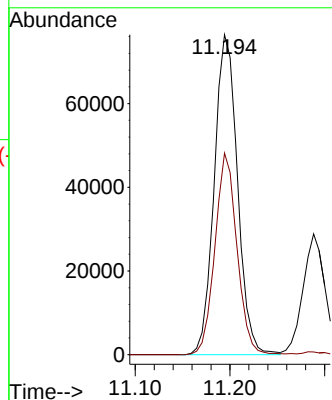
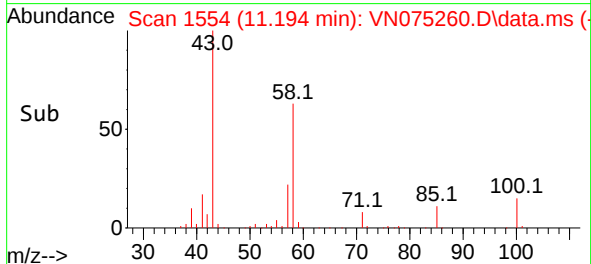
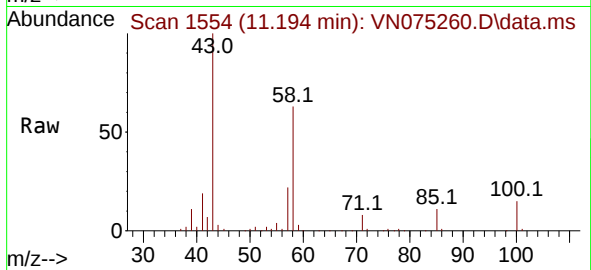
#59
2-Hexanone
Concen: 95.544 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 43 Resp: 13044
Ion Ratio Lower Upper
43 100
58 59.6 29.6 88.8

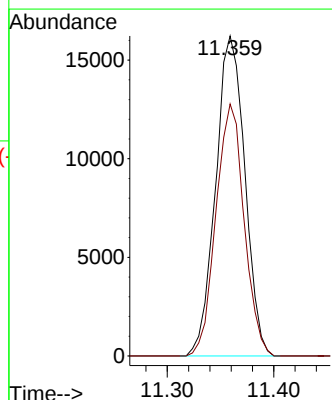
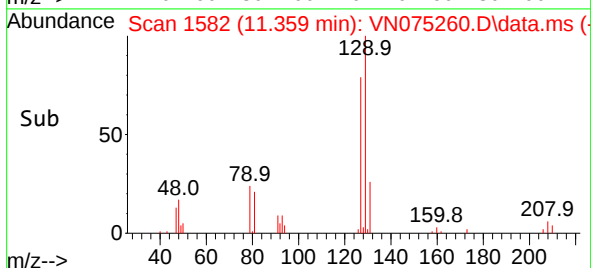
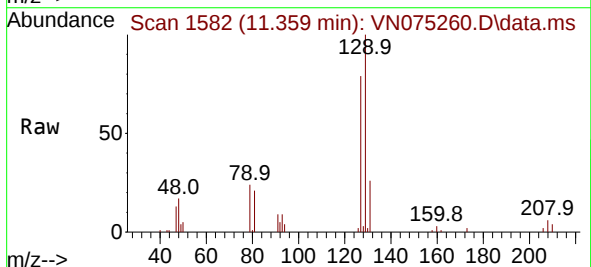
Manual Integrations
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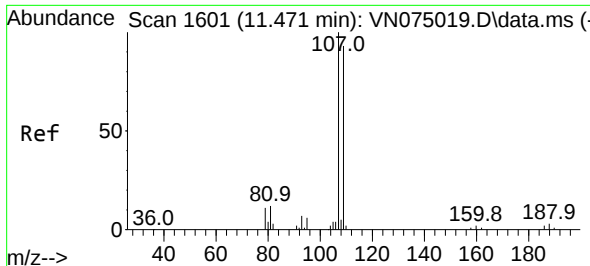
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#60
Dibromochloromethane
Concen: 22.012 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

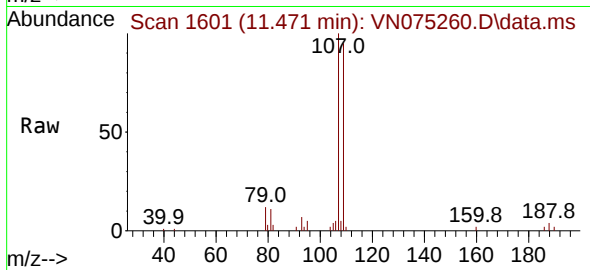
Tgt Ion:129 Resp: 30885
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.778 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

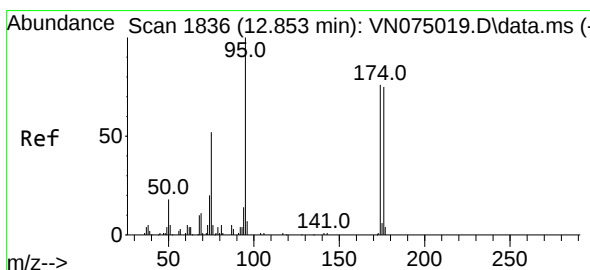
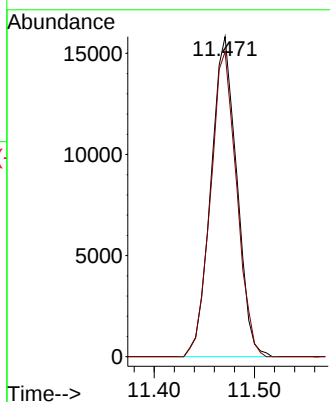
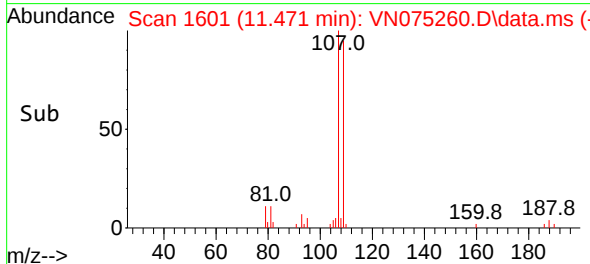
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



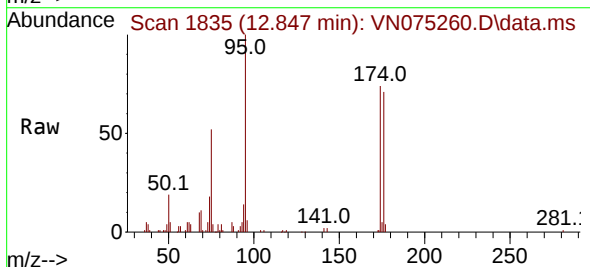
Tgt Ion:107 Resp: 28318
Ion Ratio Lower Upper
107 100
109 96.1 75.6 113.4

Manual Integrations
APPROVED

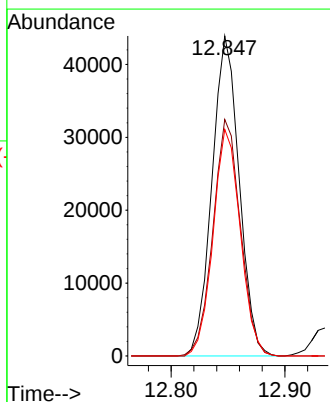
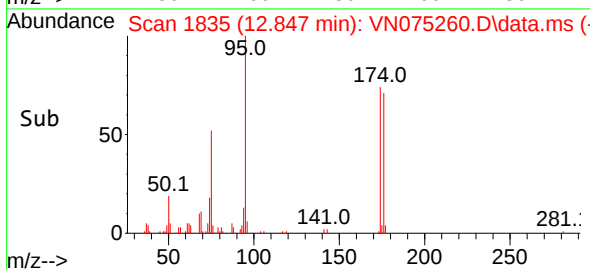
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

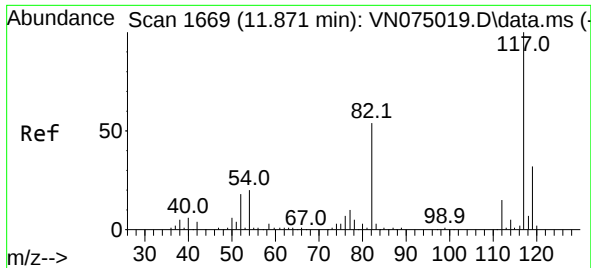


#62
4-Bromofluorobenzene
Concen: 50.584 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



Tgt Ion: 95 Resp: 72970
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.4
176 70.8 0.0 142.2





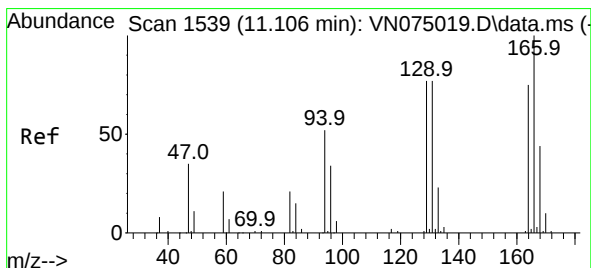
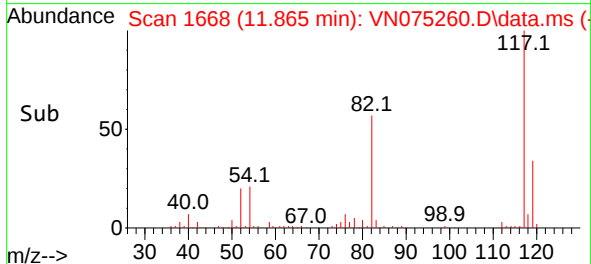
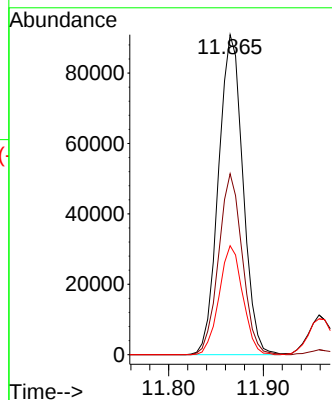
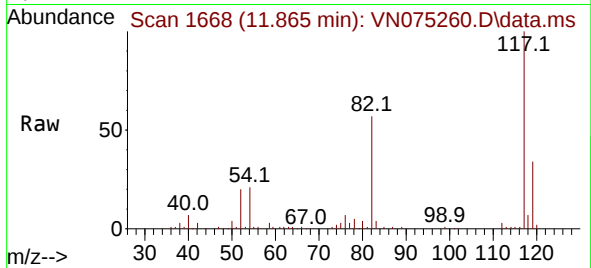
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion:117 Resp: 16310
Ion Ratio Lower Upper
117 100
82 56.5 43.1 64.7
119 34.0 25.5 38.3

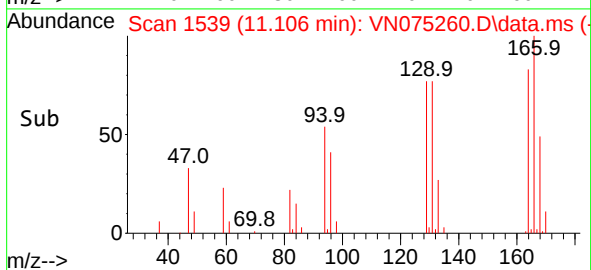
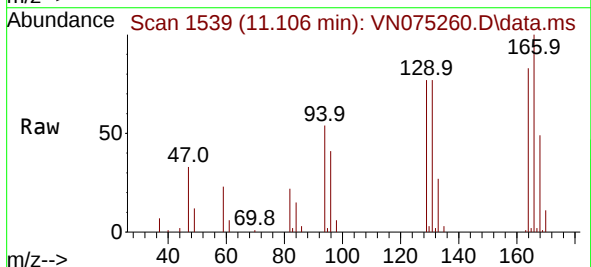
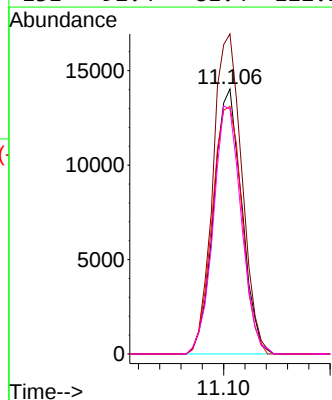
Manual Integrations
APPROVED

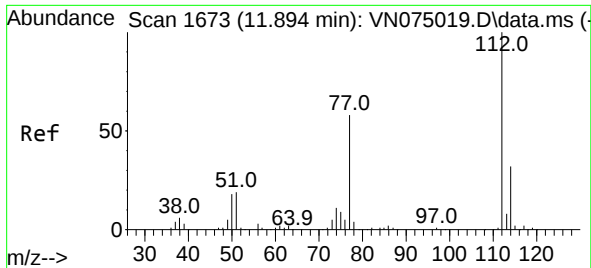
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#64
Tetrachloroethene
Concen: 25.700 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion:164 Resp: 25700
Ion Ratio Lower Upper
164 100
166 120.8 106.5 159.7
129 93.4 81.9 122.9
131 92.4 81.4 122.2





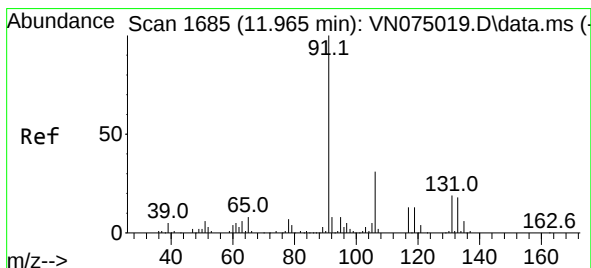
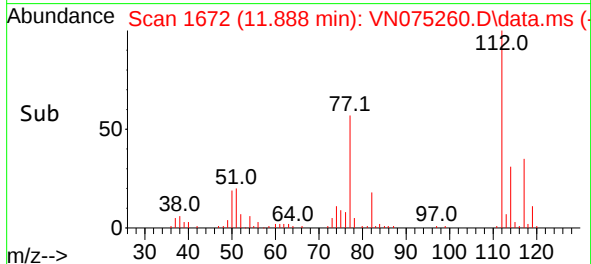
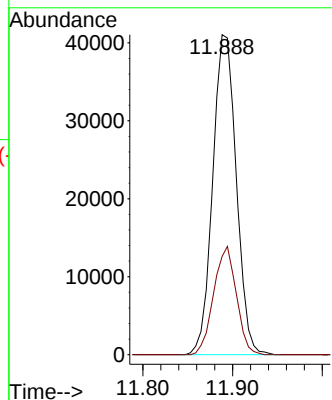
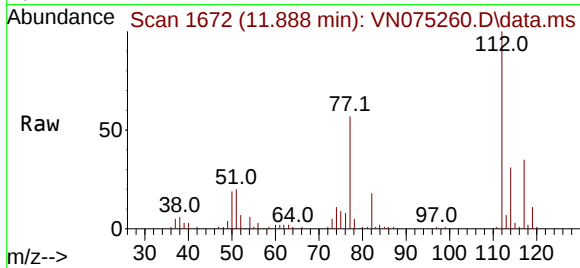
#65
Chlorobenzene
Concen: 21.490 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion:112 Resp: 74820
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

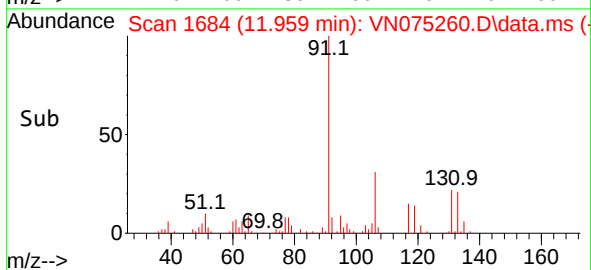
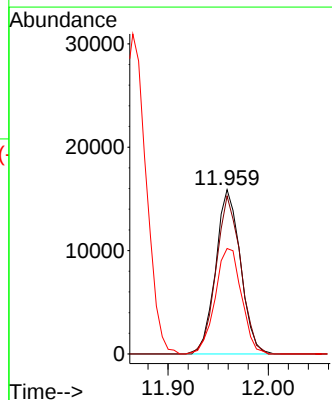
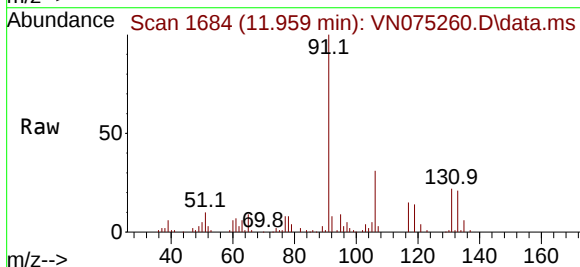
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 21.135 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

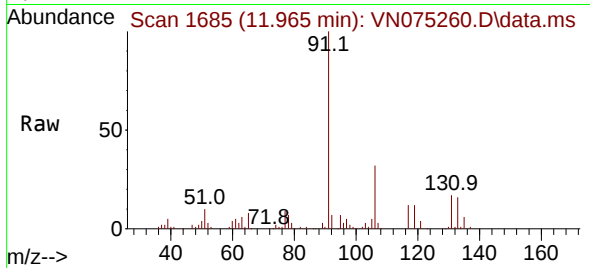
Tgt Ion:131 Resp: 27296
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 68.2 33.0 99.0





#67
Ethyl Benzene
Concen: 21.217 ug/l
RT: 11.965 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

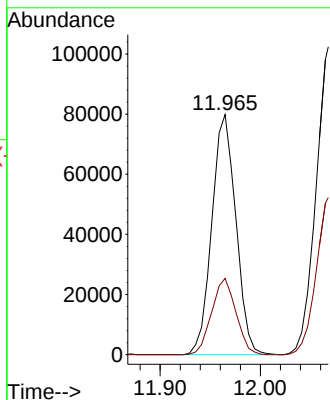
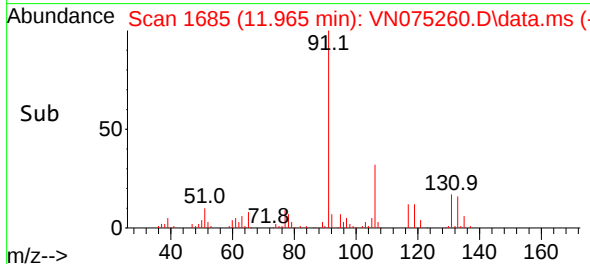
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



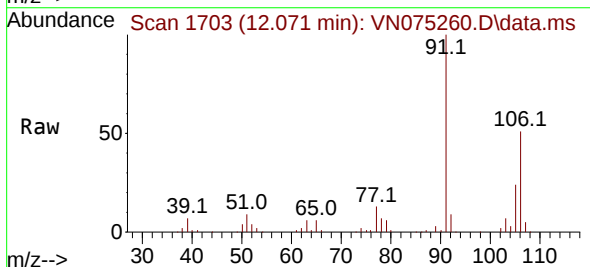
Tgt Ion: 91 Resp: 132898
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

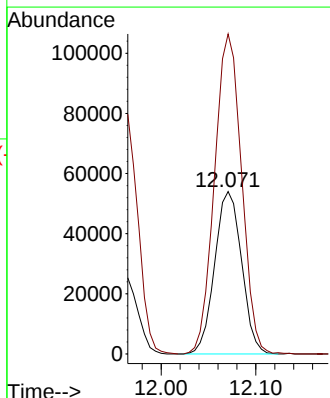
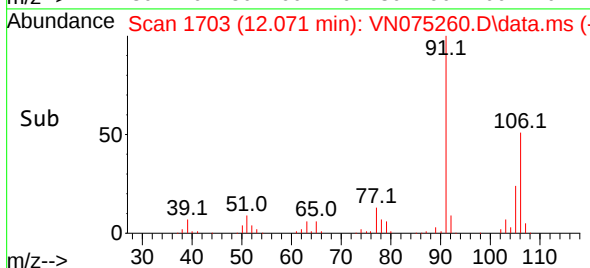
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

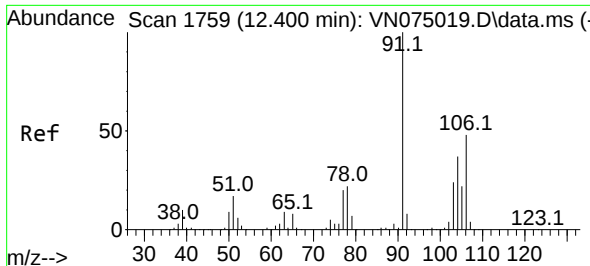


#68
m/p-Xylenes
Concen: 42.450 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



Tgt Ion:106 Resp: 106692
Ion Ratio Lower Upper
106 100
91 198.1 156.0 234.0





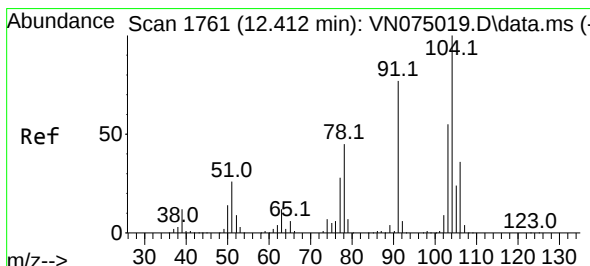
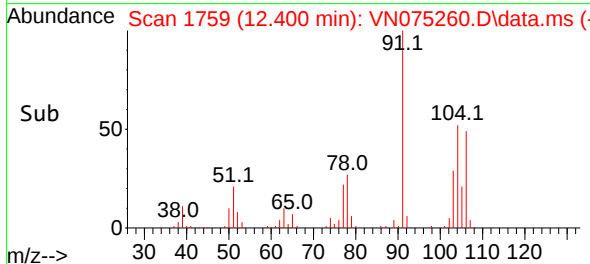
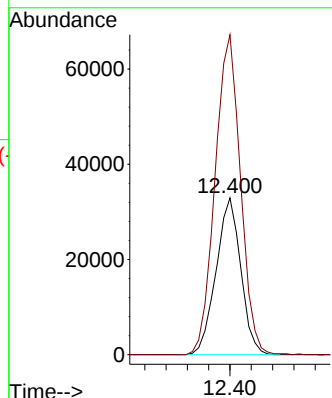
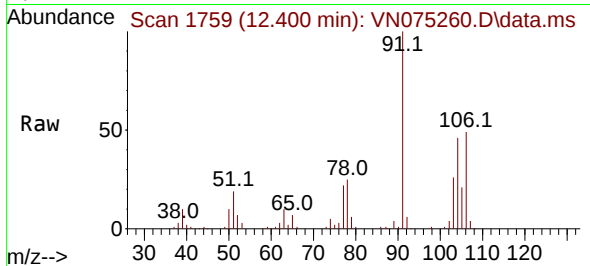
#69
o-Xylene
Concen: 21.266 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion:106 Resp: 5285
Ion Ratio Lower Upper
106 100
91 210.6 105.2 315.5

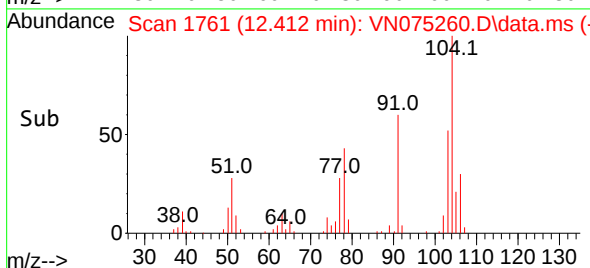
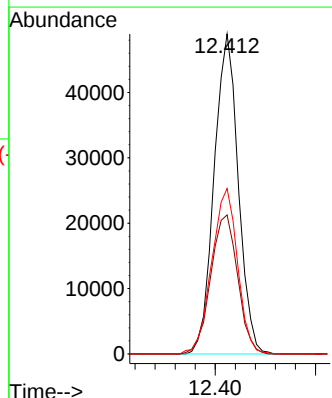
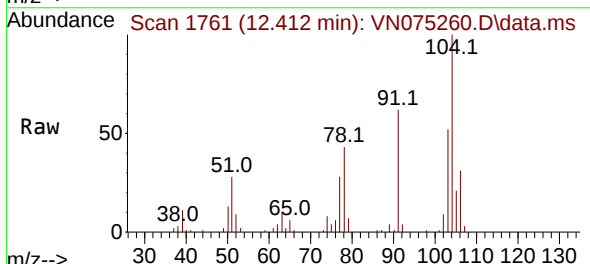
Manual Integrations
APPROVED

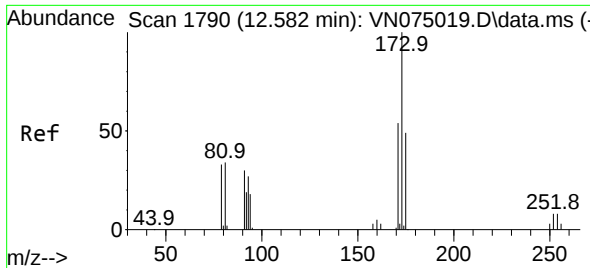
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#70
Styrene
Concen: 20.585 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion:104 Resp: 81583
Ion Ratio Lower Upper
104 100
78 48.5 38.1 57.1
103 55.2 44.6 66.8





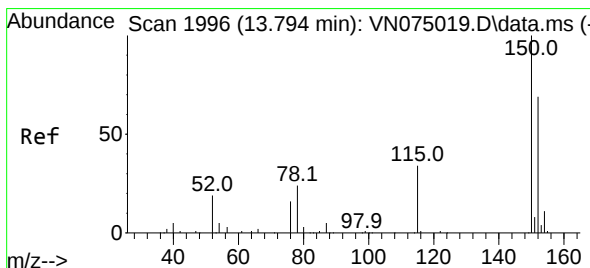
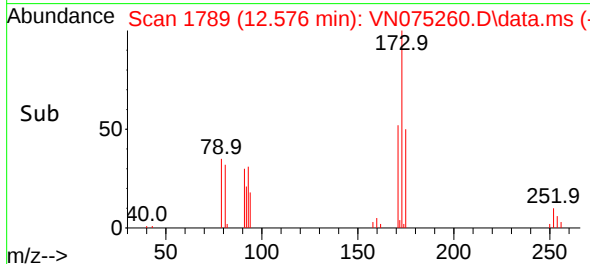
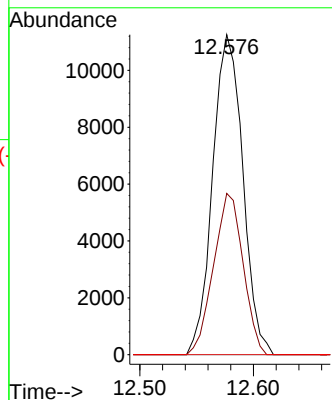
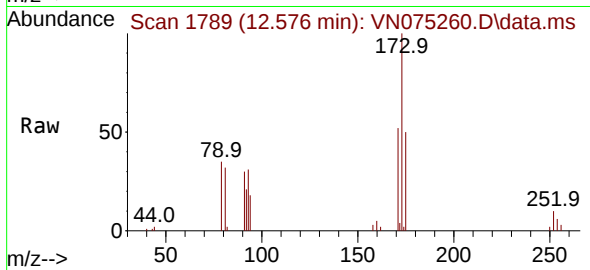
#71
Bromoform
Concen: 21.466 ug/l
RT: 12.576 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion:173 Resp: 2075
Ion Ratio Lower Upper
173 100
175 49.3 24.6 74.0
254 0.0 0.0 0.0

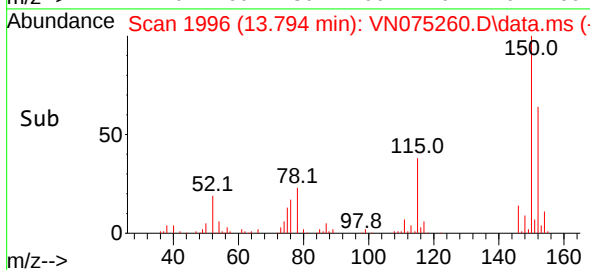
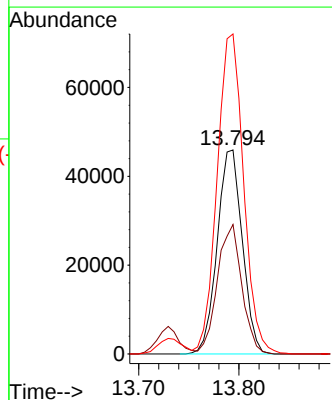
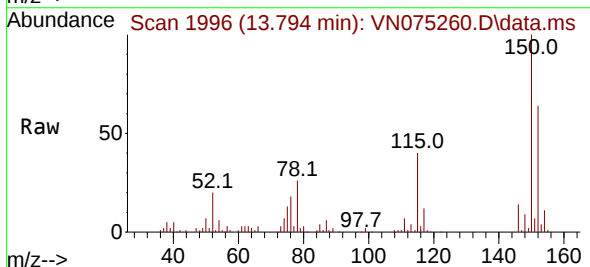
Manual Integrations
APPROVED

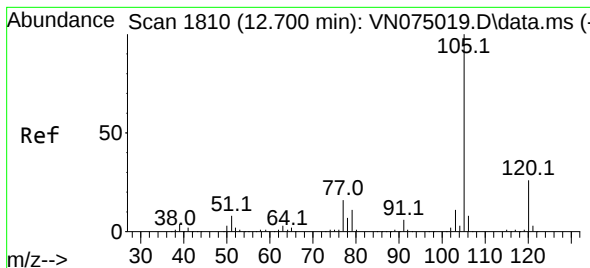
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Tgt Ion:152 Resp: 79721
Ion Ratio Lower Upper
152 100
115 61.7 30.2 90.6
150 165.8 0.0 348.4





#73

Isopropylbenzene

Concen: 20.959 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion:105 Resp: 13414

Ion Ratio Lower Upper

105 100

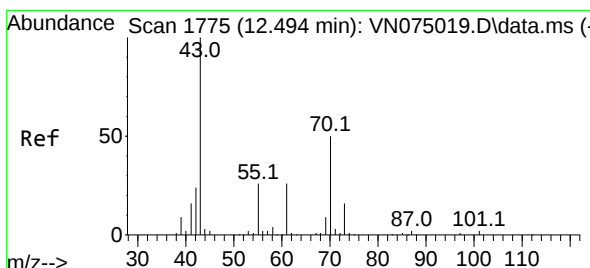
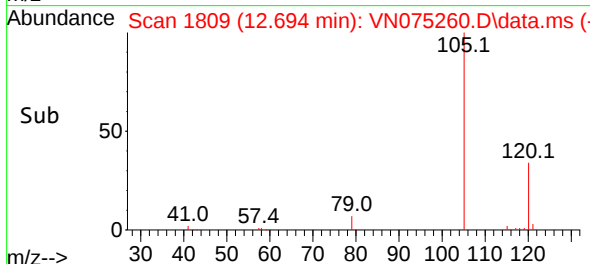
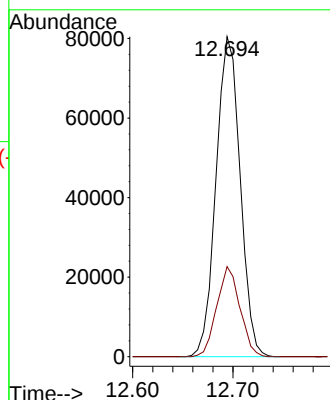
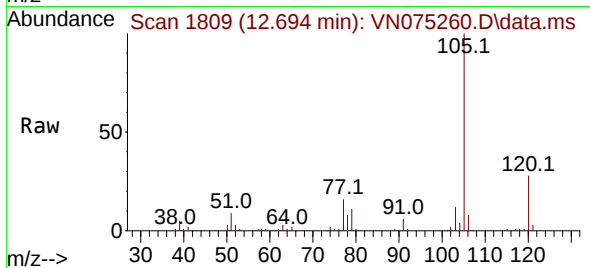
120 27.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#74

N-ethyl acetate

Concen: 18.745 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Tgt Ion: 43 Resp: 44372

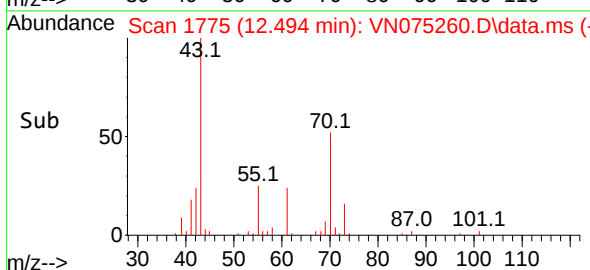
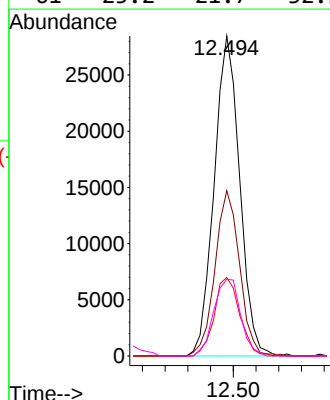
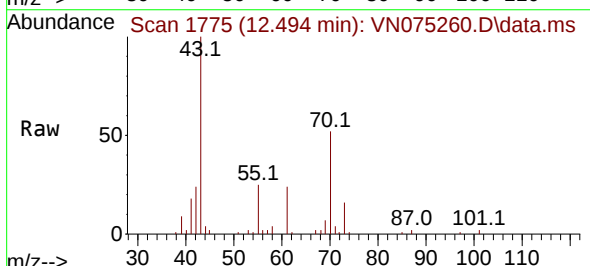
Ion Ratio Lower Upper

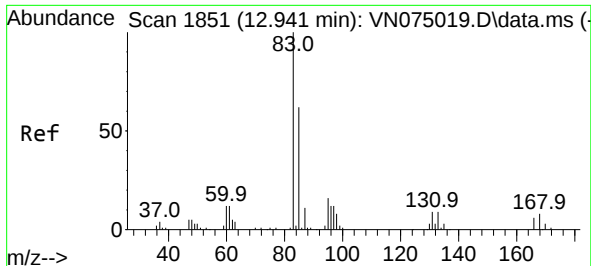
43 100

70 49.8 39.8 59.8

55 24.7 19.9 29.9

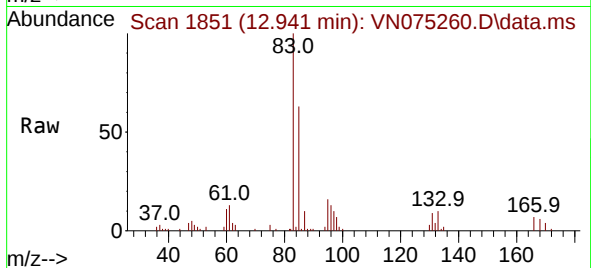
61 25.2 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.568 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

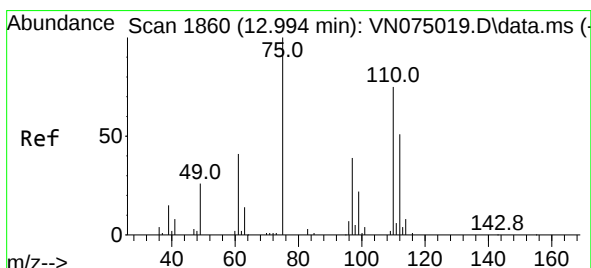
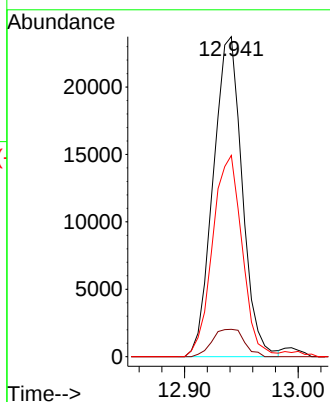
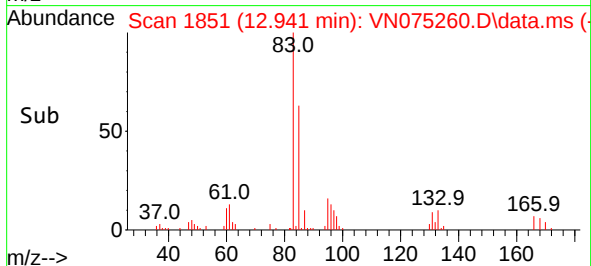
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



Tgt Ion: 83 Resp: 4212
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 64.2 31.6 94.7

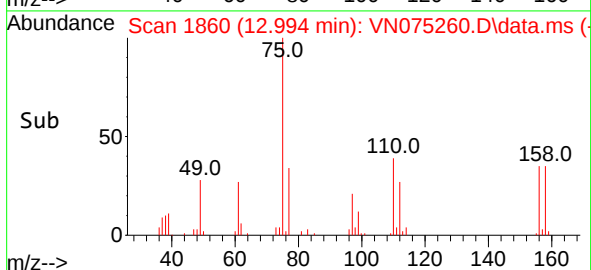
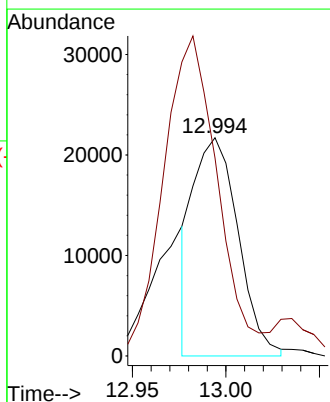
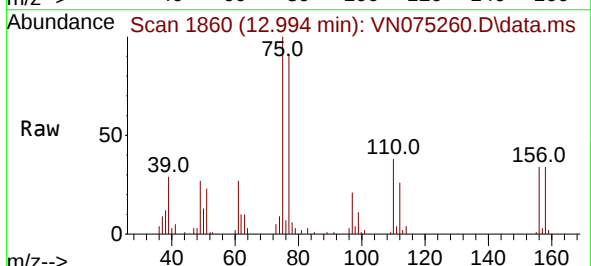
Manual Integrations
APPROVED

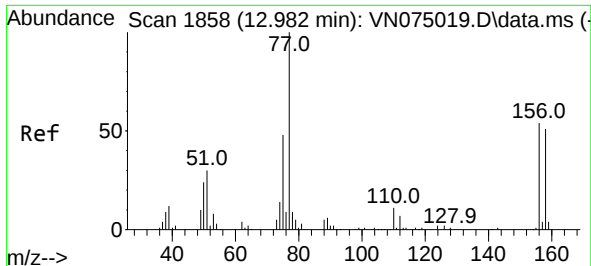
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#76
1,2,3-Trichloropropane
Concen: 21.336 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

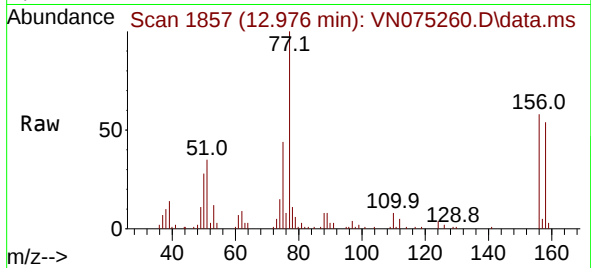
Tgt Ion: 75 Resp: 36115
Ion Ratio Lower Upper
75 100
77 176.8 75.6 226.8





#77
Bromobenzene
Concen: 21.006 ug/l
RT: 12.976 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

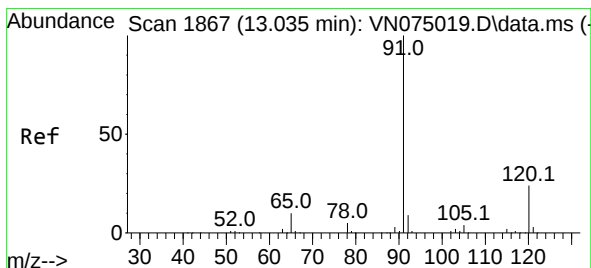
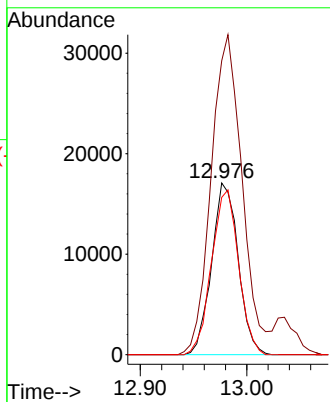
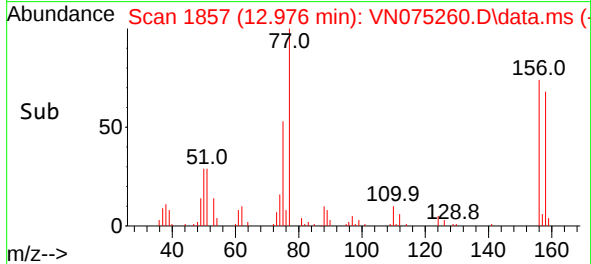
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



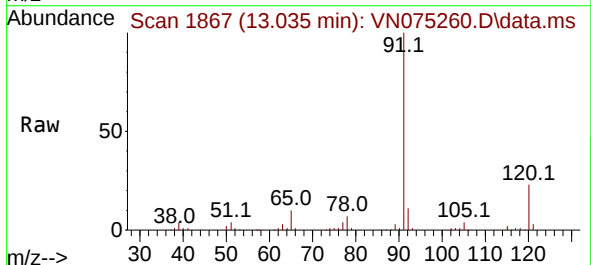
Tgt Ion:156 Resp: 29602
Ion Ratio Lower Upper
156 100
77 215.7 108.5 325.5
158 97.6 47.7 143.1

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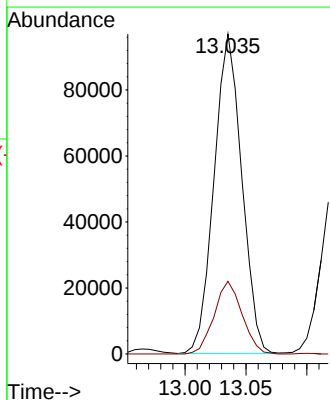
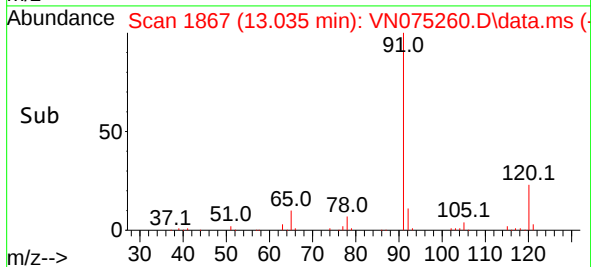
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

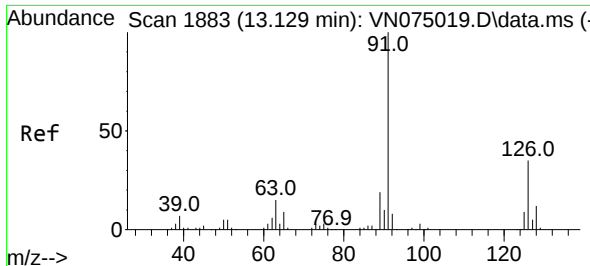


#78
n-propylbenzene
Concen: 21.347 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



Tgt Ion: 91 Resp: 153389
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 21.312 ug/l

RT: 13.124 min Scan# 1883

Delta R.T. -0.005 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion: 91 Resp: 9358

Ion Ratio Lower Upper

91 100

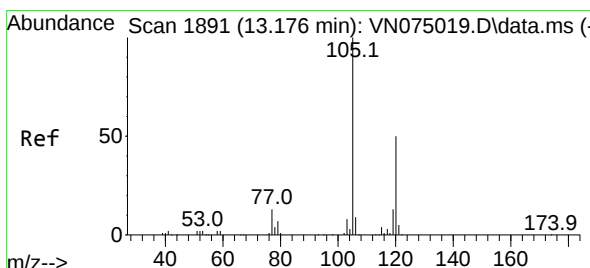
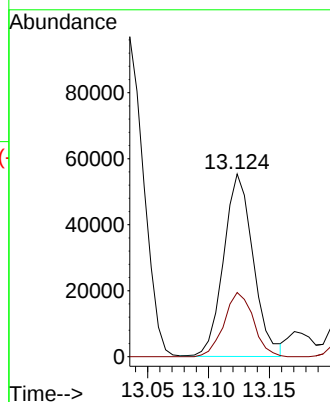
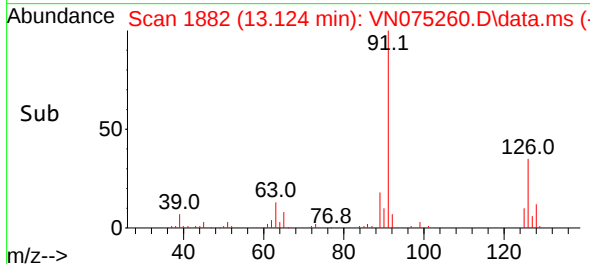
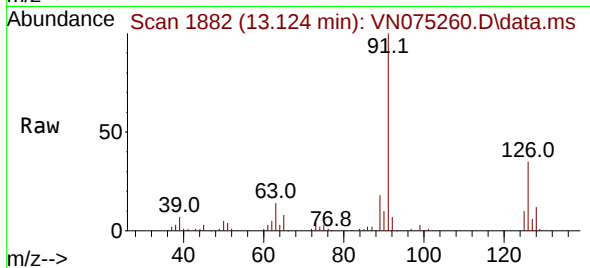
126 34.7 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#80

1,3,5-Trimethylbenzene

Concen: 21.255 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075260.D

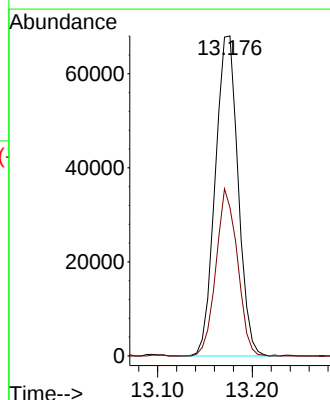
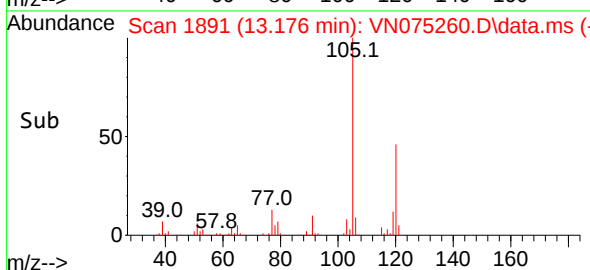
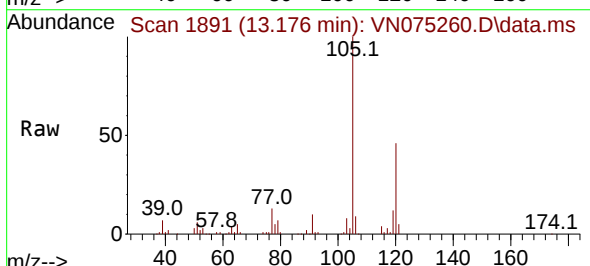
Acq: 14 Nov 2022 12:55

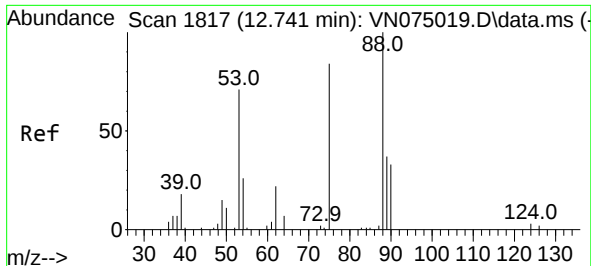
Tgt Ion:105 Resp: 114256

Ion Ratio Lower Upper

105 100

120 49.0 24.7 74.1





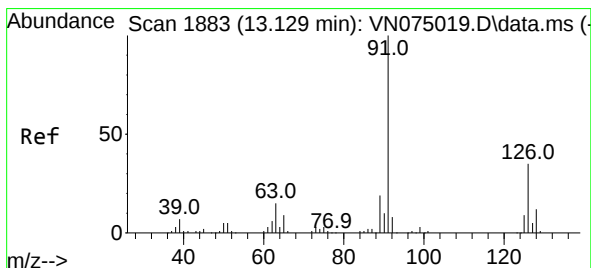
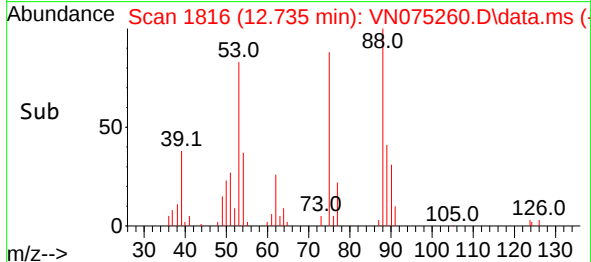
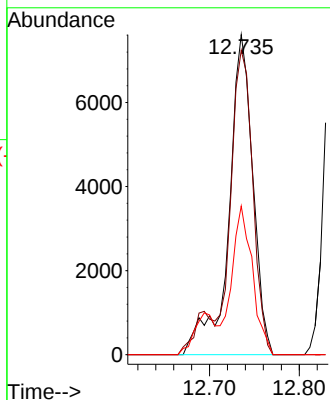
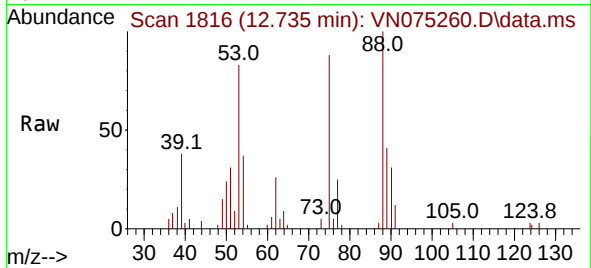
#81
trans-1,4-Dichloro-2-butene
Concen: 21.598 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 75 Resp: 1424
Ion Ratio Lower Upper
75 100
53 85.6 78.5 117.7
89 41.0 37.7 56.5

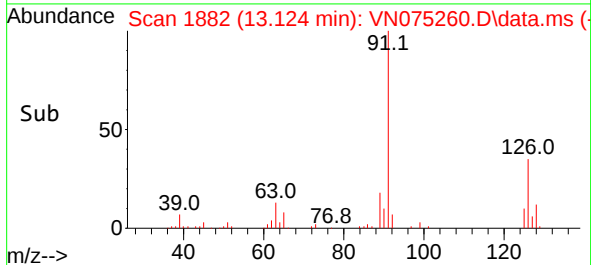
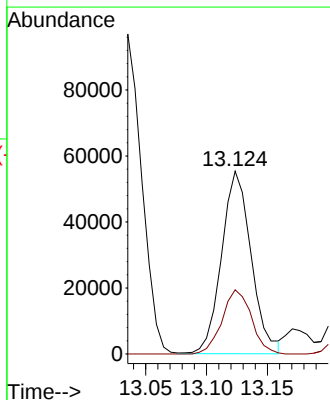
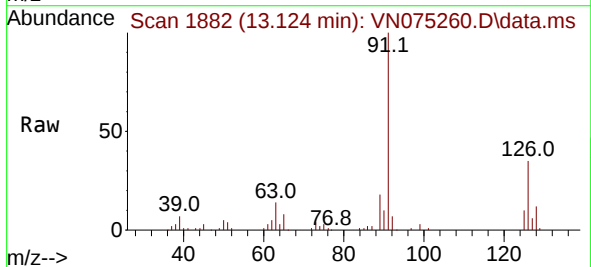
Manual Integrations
APPROVED

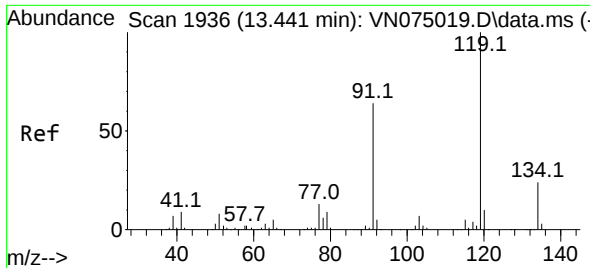
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#82
4-Chlorotoluene
Concen: 21.312 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. -0.005 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

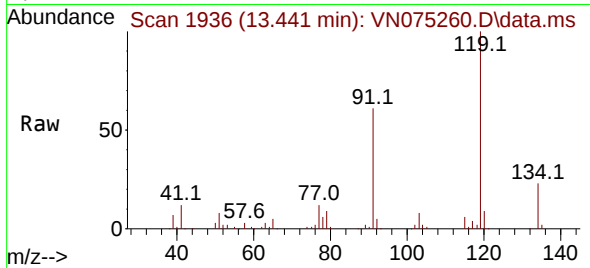
Tgt Ion: 91 Resp: 93581
Ion Ratio Lower Upper
91 100
126 34.7 16.9 50.7





#83
tert-Butylbenzene
Concen: 21.017 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

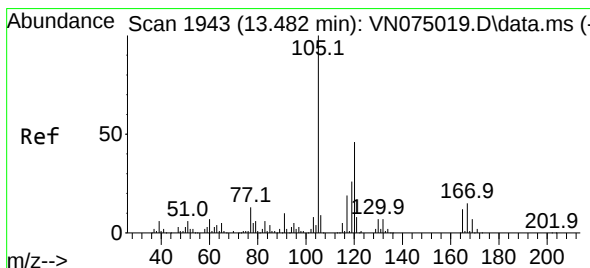
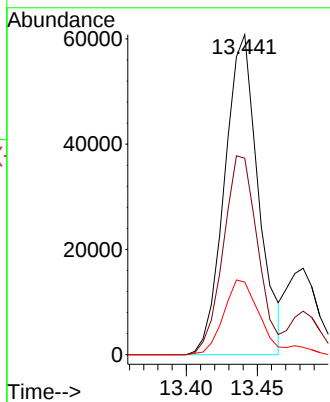
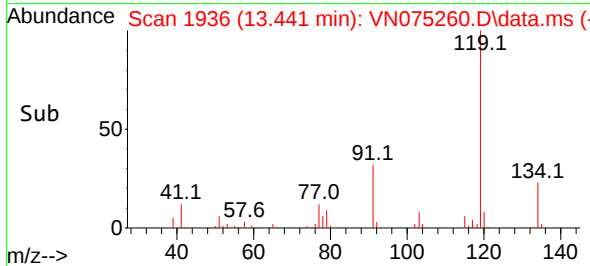
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



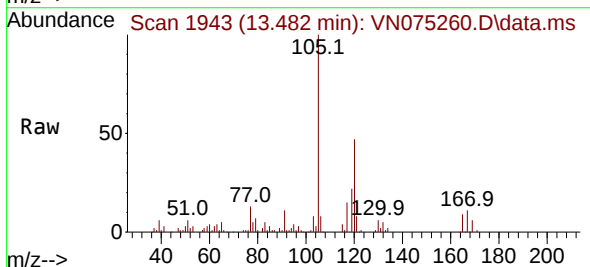
Tgt Ion:119 Resp: 100390
Ion Ratio Lower Upper
119 100
91 63.8 32.8 98.4
134 24.6 12.3 36.9

Manual Integrations
APPROVED

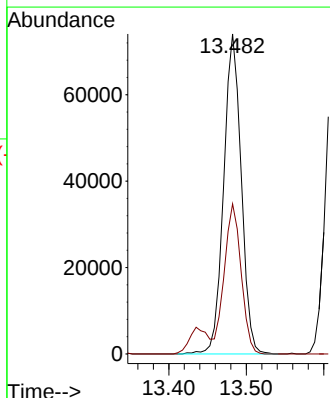
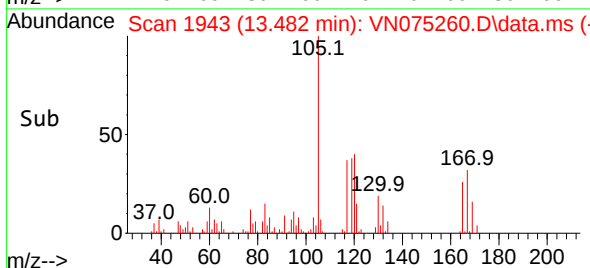
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

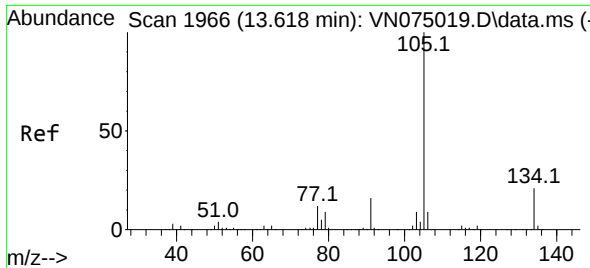


#84
1,2,4-Trimethylbenzene
Concen: 21.441 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



Tgt Ion:105 Resp: 116618
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.1





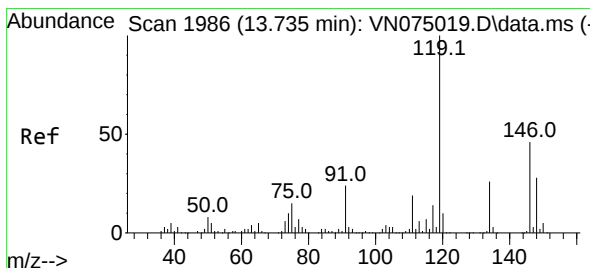
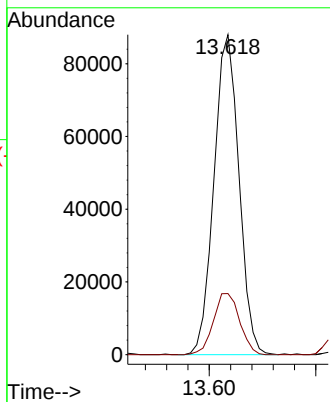
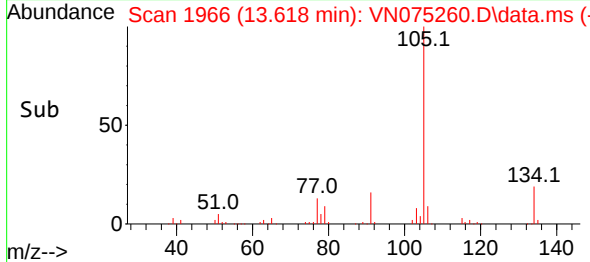
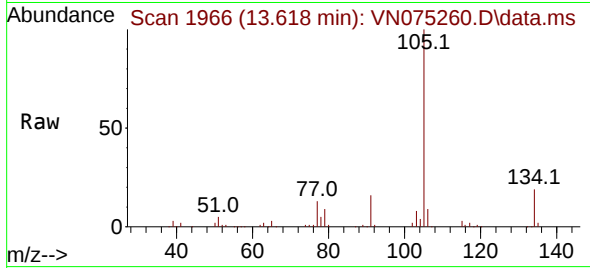
#85
 sec-Butylbenzene
 Concen: 21.412 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075260.D
 Acq: 14 Nov 2022 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Tgt Ion:105 Resp: 143078
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6

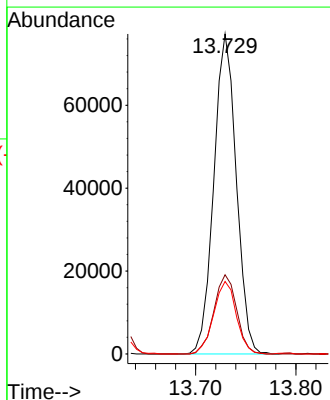
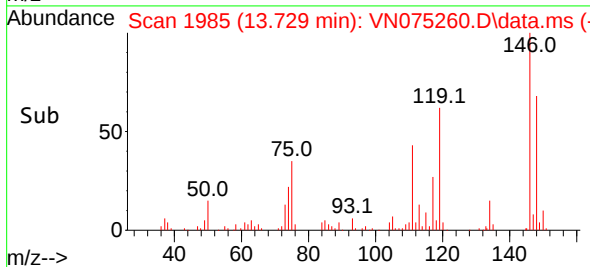
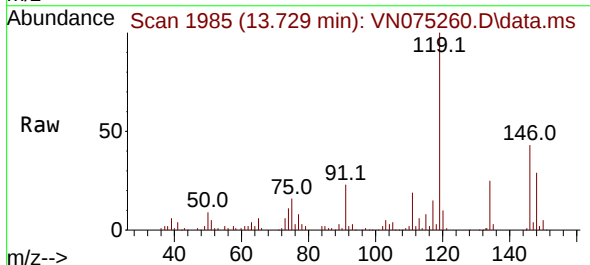
Manual Integrations
 APPROVED

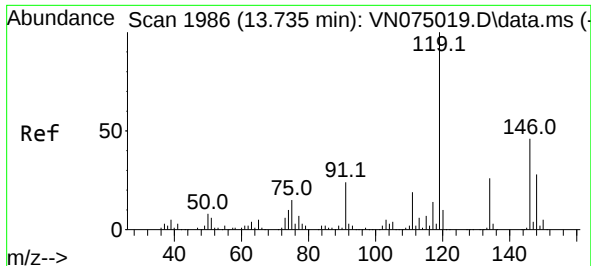
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#86
 p-Isopropyltoluene
 Concen: 21.758 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075260.D
 Acq: 14 Nov 2022 12:55

Tgt Ion:119 Resp: 120070
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.1 39.3
 91 22.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.182 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

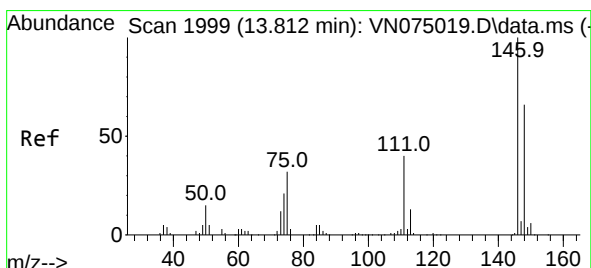
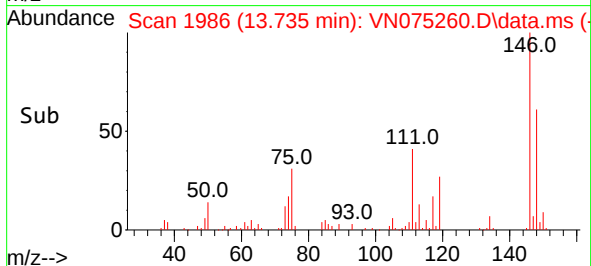
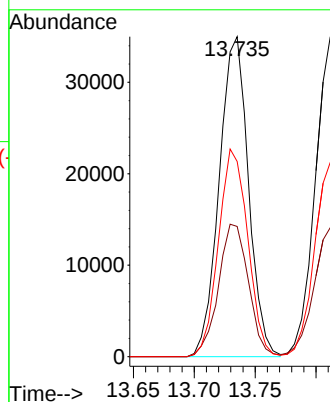
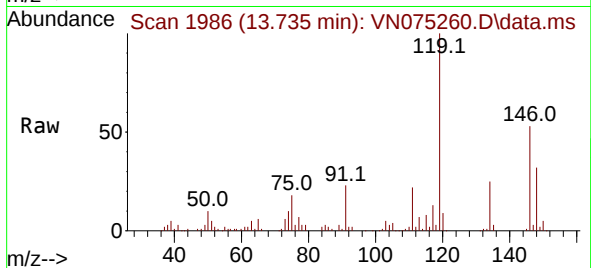
Tgt Ion:146 Resp: 58440
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.8 62.5
 148 65.1 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#88

1,4-Dichlorobenzene

Concen: 21.414 ug/l

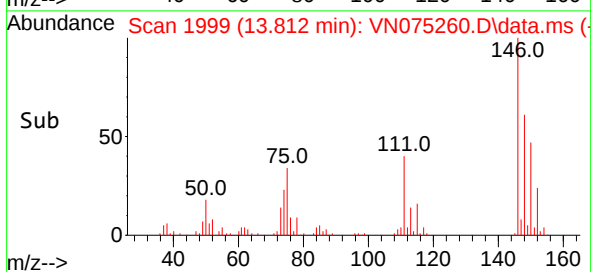
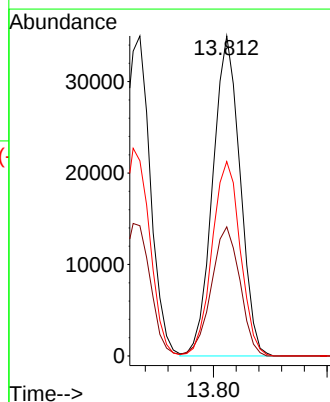
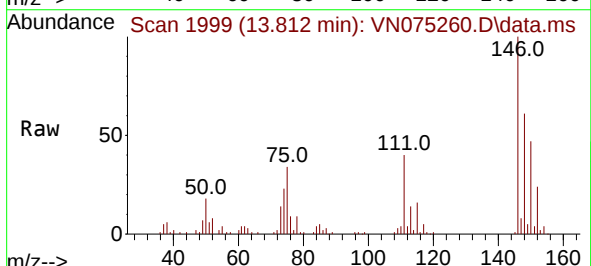
RT: 13.812 min Scan# 1999

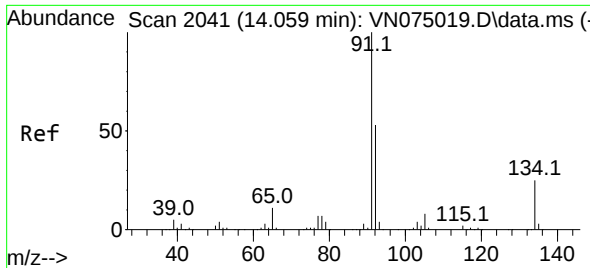
Delta R.T. -0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Tgt Ion:146 Resp: 58476
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.1 60.3
 148 62.8 31.9 95.7





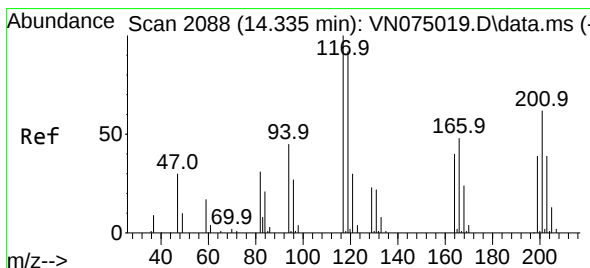
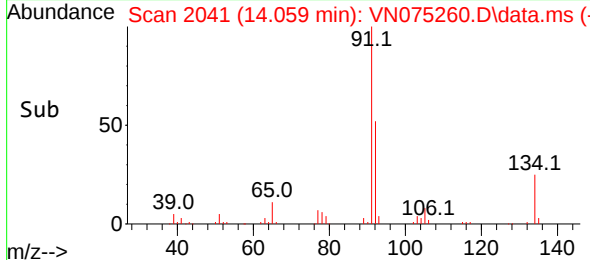
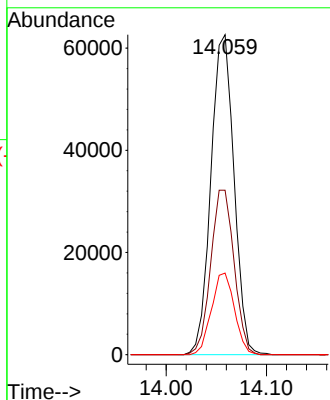
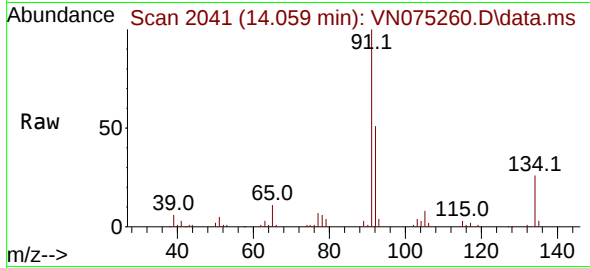
#89
n-Butylbenzene
Concen: 22.479 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 91 Resp: 99894
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.4
134 25.4 13.0 39.0

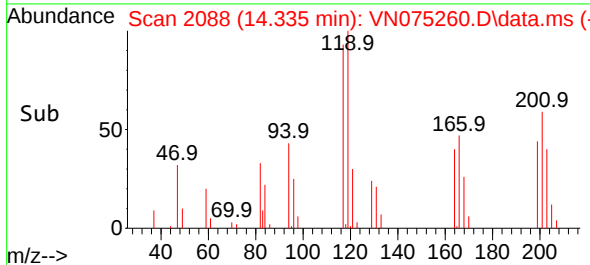
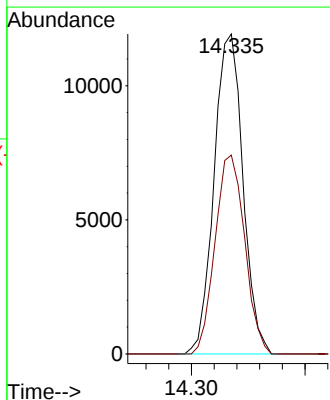
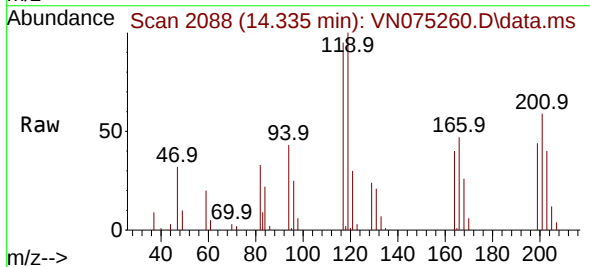
Manual Integrations
APPROVED

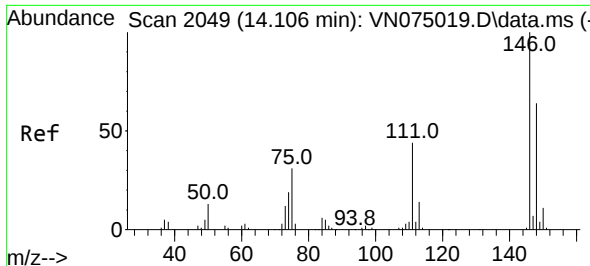
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#90
Hexachloroethane
Concen: 20.789 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

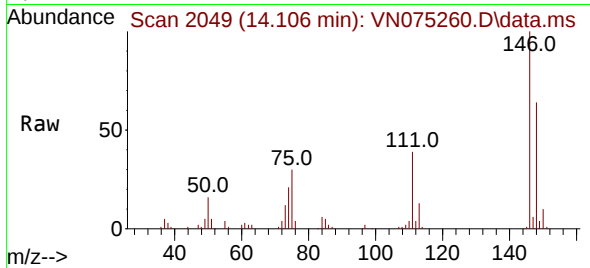
Tgt Ion:117 Resp: 21034
Ion Ratio Lower Upper
117 100
201 63.8 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 21.776 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

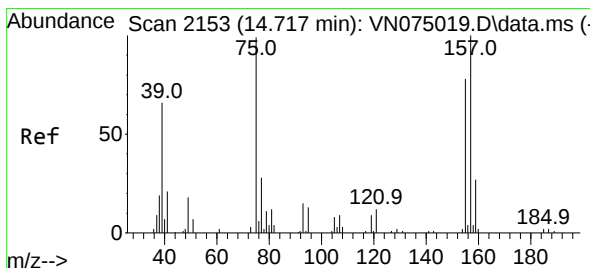
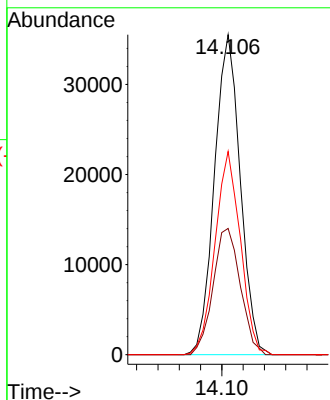
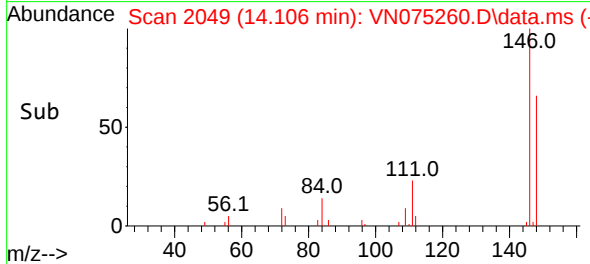
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



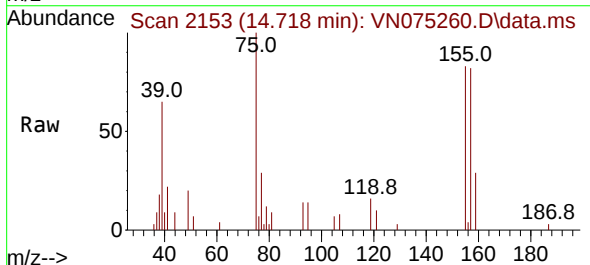
Tgt Ion:146 Resp: 5973
Ion Ratio Lower Upper
146 100
111 41.7 21.3 63.9
148 62.4 31.4 94.2

Manual Integrations
APPROVED

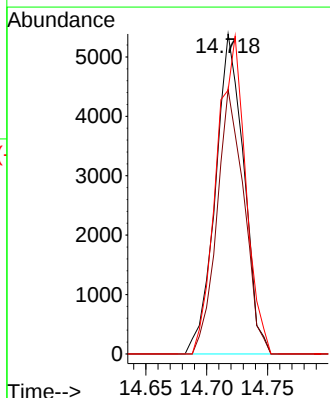
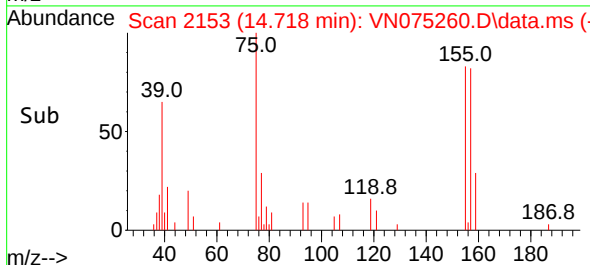
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

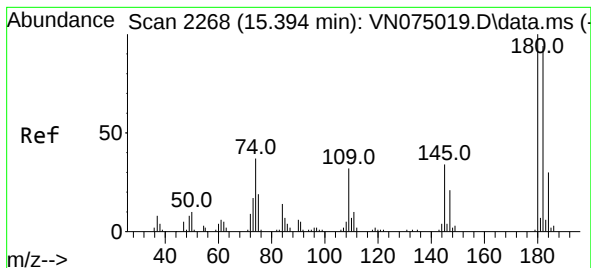


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.185 ug/l
RT: 14.718 min Scan# 2153
Delta R.T. 0.001 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



Tgt Ion: 75 Resp: 8714
Ion Ratio Lower Upper
75 100
155 79.2 42.1 126.3
157 101.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 22.682 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion:180 Resp: 2677

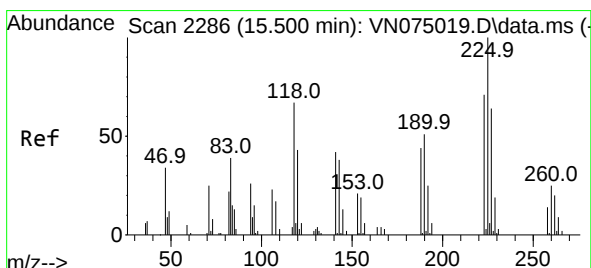
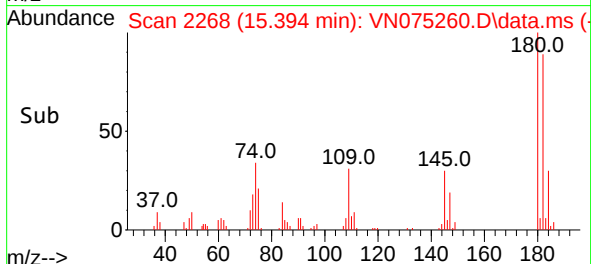
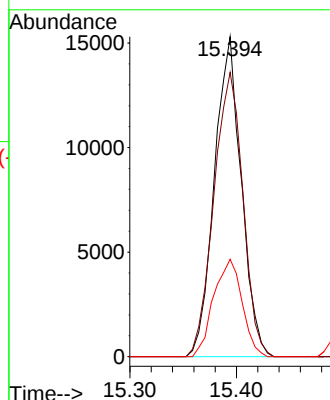
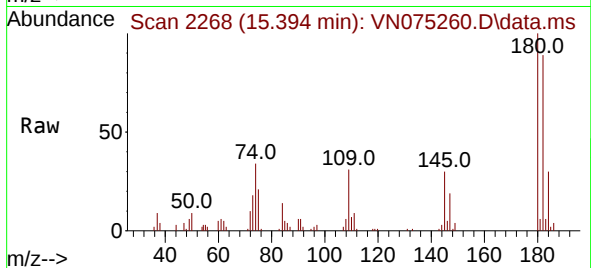
Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.4
145	32.2	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#94

Hexachlorobutadiene

Concen: 24.232 ug/l

RT: 15.500 min Scan# 2286

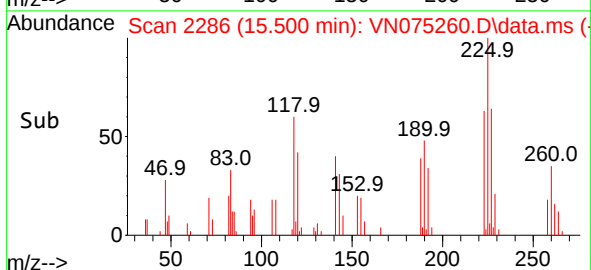
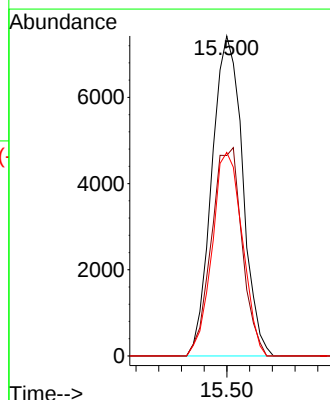
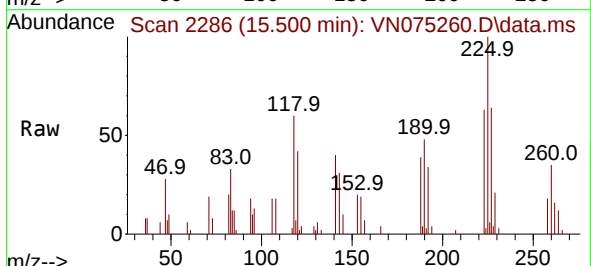
Delta R.T. -0.000 min

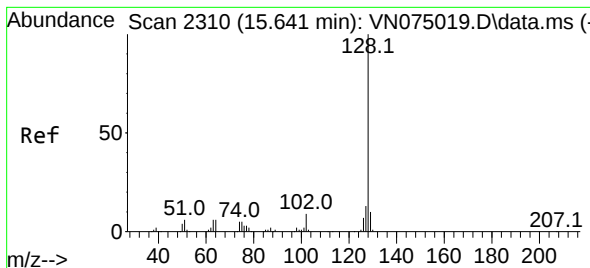
Lab File: VN075260.D

Acq: 14 Nov 2022 12:55

Tgt Ion:225 Resp: 13944

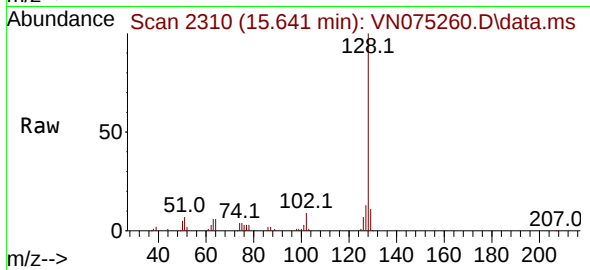
Ion	Ratio	Lower	Upper
225	100		
223	65.0	32.3	96.9
227	62.6	32.0	96.2





#95
Naphthalene
Concen: 20.424 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55

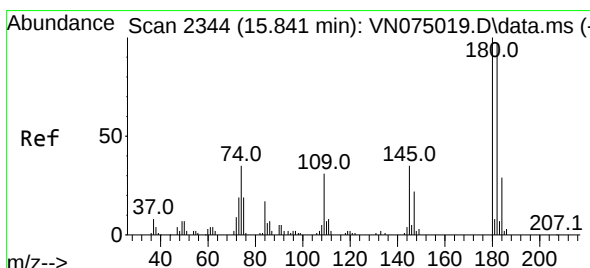
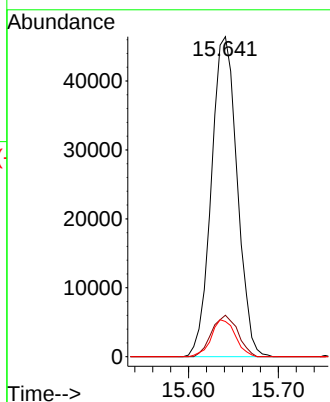
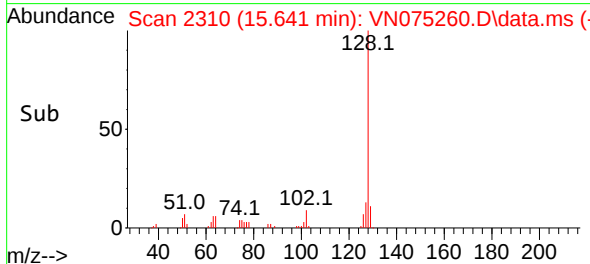
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



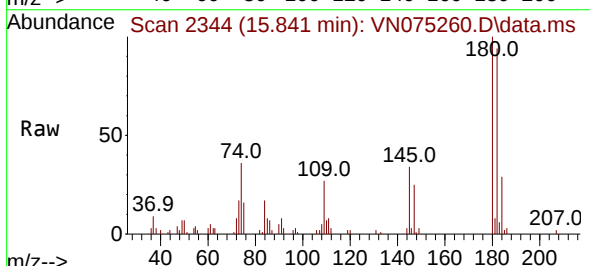
Tgt Ion:128 Resp: 92709
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 21.721 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075260.D
Acq: 14 Nov 2022 12:55



Tgt Ion:180 Resp: 25475
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.8
145 35.7 17.6 52.9

