

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756674.D
 Acq On : 09 Dec 2022 18:07
 Operator : JC\MD
 Sample : N5906-11DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 03:10:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	217820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	349979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118558	51.299	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.600%	
35) Dibromofluoromethane	8.171	113	106529	49.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.780%	
50) Toluene-d8	10.571	98	409942	51.122	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.853	95	134338	48.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.000%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.530	59	30516	89.253	ug/l	96
13) Acrolein	4.195	56	233	0.592	ug/l #	44
14) Allyl chloride	5.271	41	1707	0.735	ug/l #	67
16) Acetone	4.442	43	1229	1.570	ug/l #	41
18) Methyl Acetate	5.053	43	1120	0.445	ug/l #	53
19) Methyl tert-butyl Ether	5.806	73	7549	1.203	ug/l #	1
22) Diisopropyl ether	6.677	45	10107	1.912	ug/l #	89
23) Vinyl Acetate	6.683	43	5859	1.453	ug/l #	65
25) 2-Butanone	7.494	43	709	0.620	ug/l #	43
31) Cyclohexane	8.236	56	8009	2.341	ug/l #	53
36) 1,1-Dichloropropene	8.230	75	14921	5.263	ug/l #	48
38) Carbon Tetrachloride	8.230	117	21012	6.422	ug/l #	17
39) Methylcyclohexane	9.606	83	1843	0.513	ug/l #	76
40) Benzene	8.612	78	38983	4.480	ug/l	99
43) Isopropyl Acetate	8.694	43	1470	0.387	ug/l #	51
52) Toluene	10.630	92	1233	0.214	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	2807	1.241	ug/l #	18
58) 2-Chloroethyl Vinyl ether	10.159	63	337	0.372	ug/l #	41
59) 2-Hexanone	11.200	43	1266	0.744	ug/l	70
67) Ethyl Benzene	11.965	91	16412	1.522	ug/l	92
68) m/p-Xylenes	12.076	106	2674	0.614	ug/l	93
69) o-Xylene	12.400	106	1573	0.372	ug/l	99
71) Bromoform	12.853	173	1053	0.599	ug/l #	1
73) Isopropylbenzene	12.694	105	37488	3.548	ug/l	99
76) 1,2,3-Trichloropropane	12.853	75	68514	23.184	ug/l #	1
78) n-propylbenzene	13.035	91	47712	4.069	ug/l	98
79) 2-Chlorotoluene	13.229	91	1921	0.265	ug/l	87
80) 1,3,5-Trimethylbenzene	13.171	105	4008	0.454	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.853	75	68514	74.163	ug/l #	13
82) 4-Chlorotoluene	13.229	91	1921	0.265	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	71186	8.018	ug/l	98
85) sec-Butylbenzene	13.618	105	11838	1.075	ug/l #	69
86) p-Isopropyltoluene	13.888	119	3036	0.329	ug/l	91
87) 1,3-Dichlorobenzene	13.735	146	1913	0.385	ug/l	84
88) 1,4-Dichlorobenzene	13.735	146	1913	0.378	ug/l	85
89) n-Butylbenzene	14.059	91	5499	0.745	ug/l #	81

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Quant Title : SW846 8260
QLast Update : Mon Dec 12 03:01:58 2022
Response via : Initial Calibration

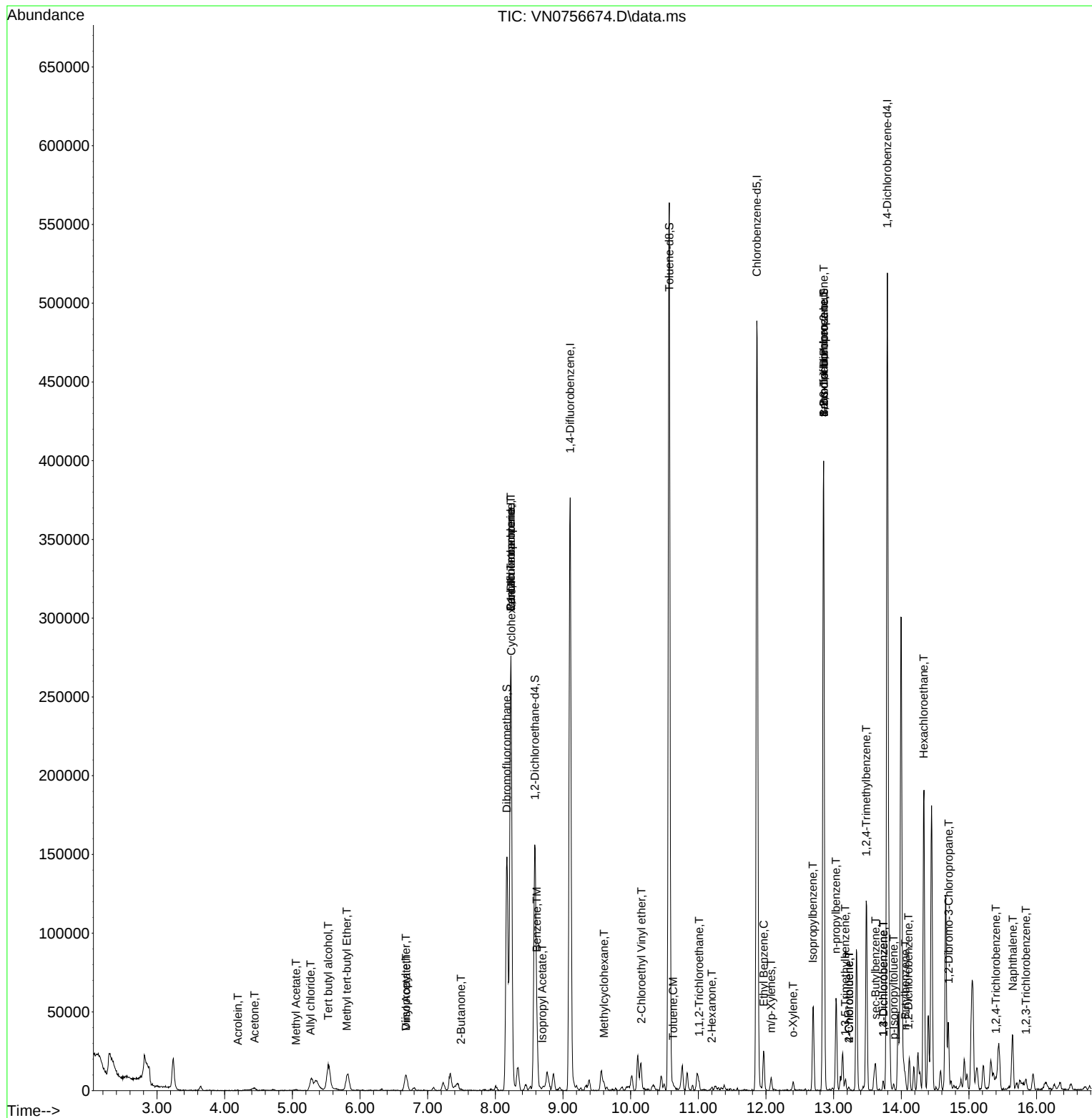
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.329	117	11706	7.416	ug/l #	10
91) 1,2-Dichlorobenzene	14.106	146	1527	0.309	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.700	75	173	0.332	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.400	180	2190	0.922	ug/l #	52
95) Naphthalene	15.647	128	35220	5.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	2756	1.181	ug/l #	82

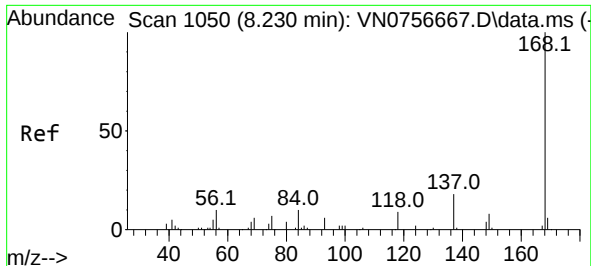
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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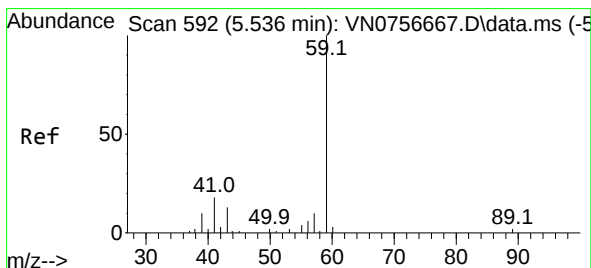
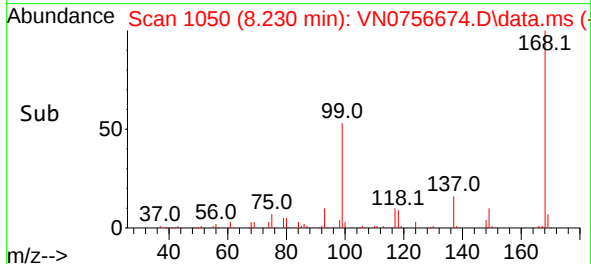
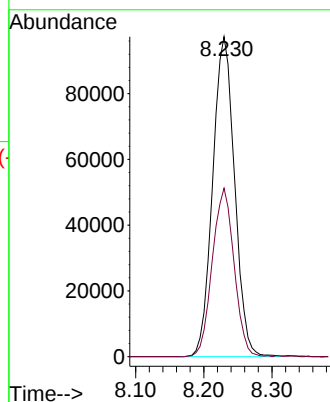
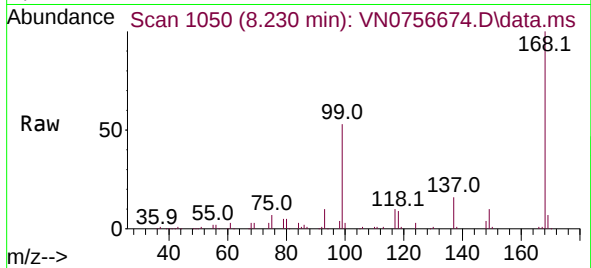




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

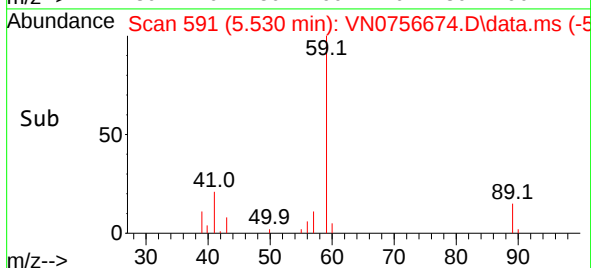
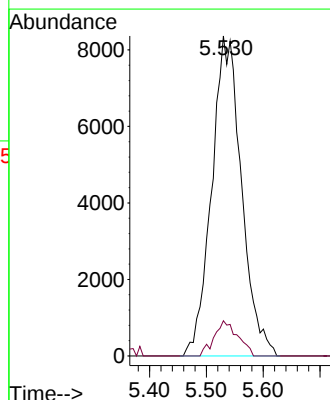
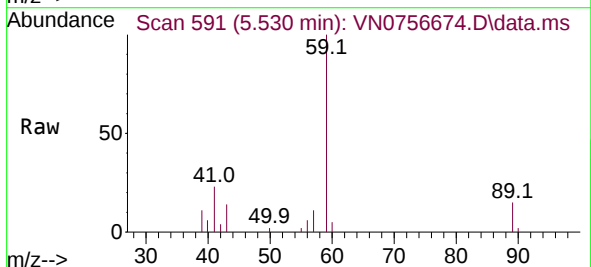
Instrument :
MSVOA_N
ClientSampleId :

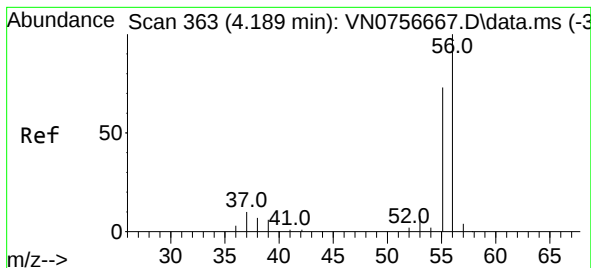
Tgt Ion:168 Resp: 217820
Ion Ratio Lower Upper
168 100
99 52.6 41.2 61.8



#11
Tert butyl alcohol
Concen: 89.253 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 59 Resp: 30516
Ion Ratio Lower Upper
59 100
57 8.6 8.2 12.4





#13

Acrolein

Concen: 0.592 ug/l

RT: 4.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

Instrument :

MSVOA_N

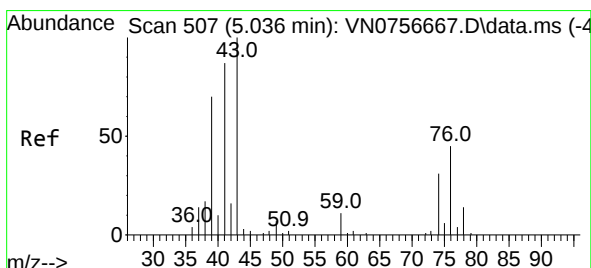
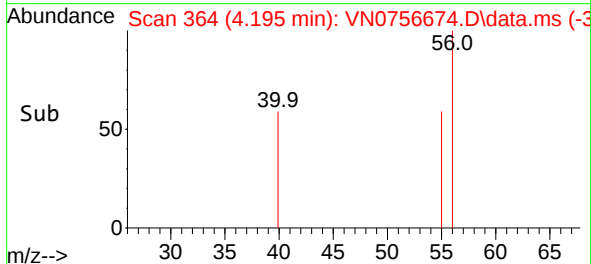
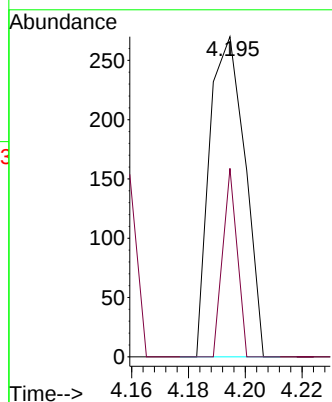
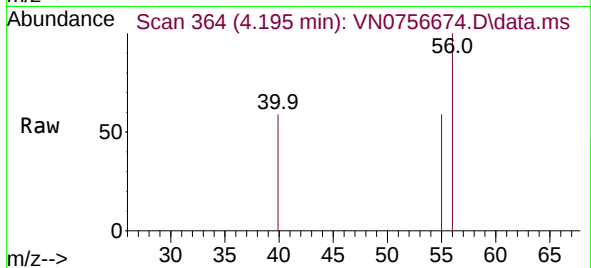
ClientSampleId :

Tgt Ion: 56 Resp: 233

Ion Ratio Lower Upper

56 100

55 24.0 55.7 83.5#



#14

Allyl chloride

Concen: 0.735 ug/l

RT: 5.271 min Scan# 547

Delta R.T. 0.235 min

Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

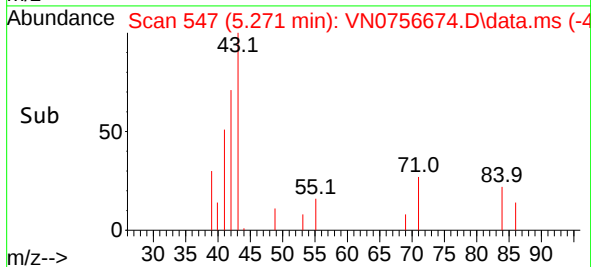
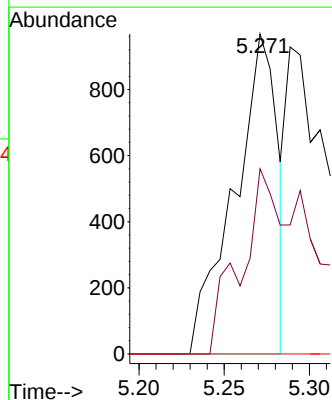
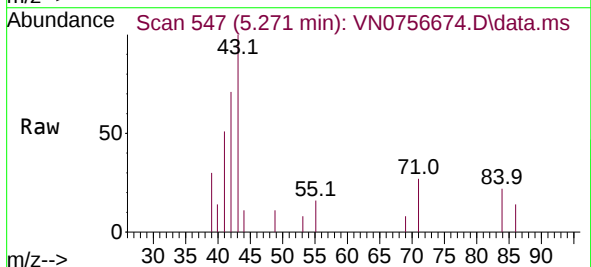
Tgt Ion: 41 Resp: 1707

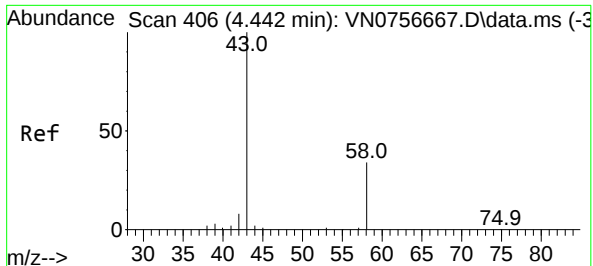
Ion Ratio Lower Upper

41 100

39 87.1 64.6 96.8

76 0.0 40.9 61.3#





#16

Acetone

Concen: 1.570 ug/l

RT: 4.442 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

Instrument :

MSVOA_N

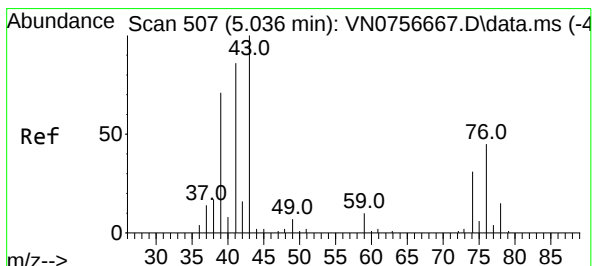
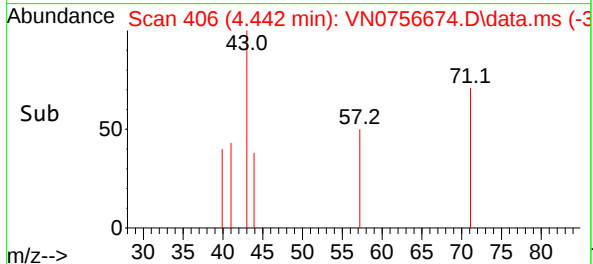
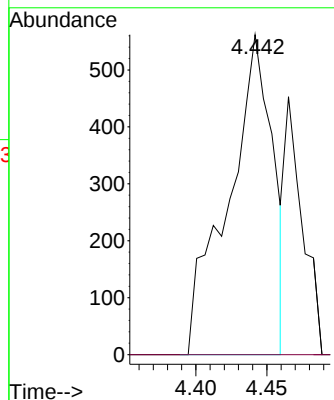
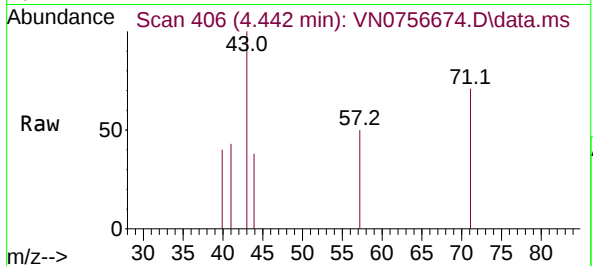
ClientSampleId :

Tgt Ion: 43 Resp: 1229

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#



#18

Methyl Acetate

Concen: 0.445 ug/l

RT: 5.053 min Scan# 510

Delta R.T. 0.018 min

Lab File: VN0756674.D

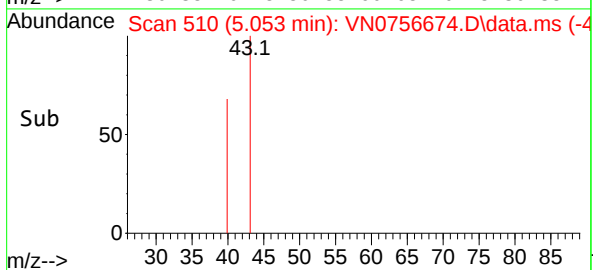
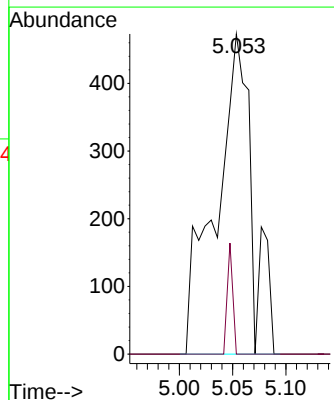
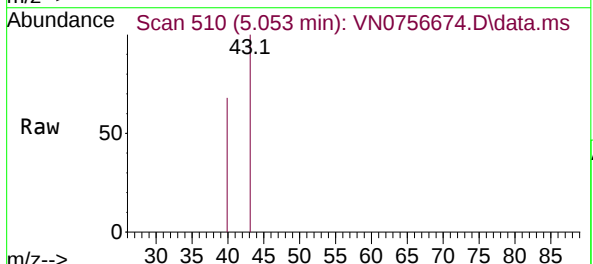
Acq: 09 Dec 2022 18:07

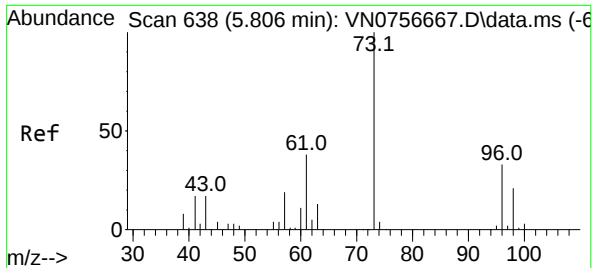
Tgt Ion: 43 Resp: 1120

Ion Ratio Lower Upper

43 100

74 5.2 24.5 36.7#

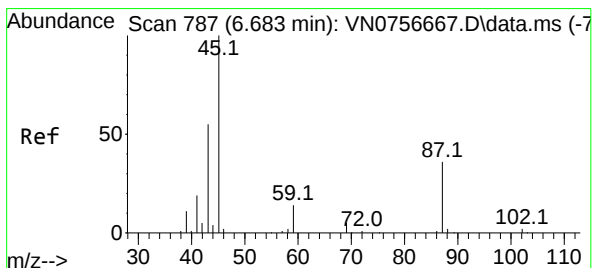
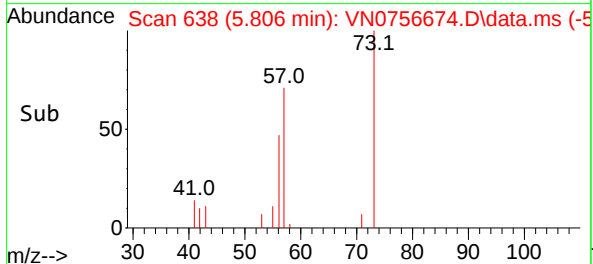
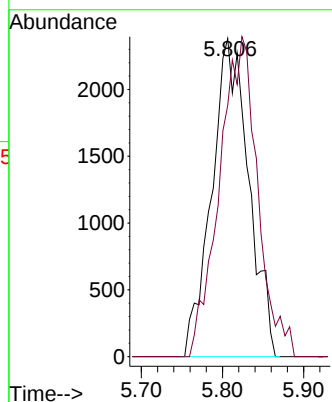
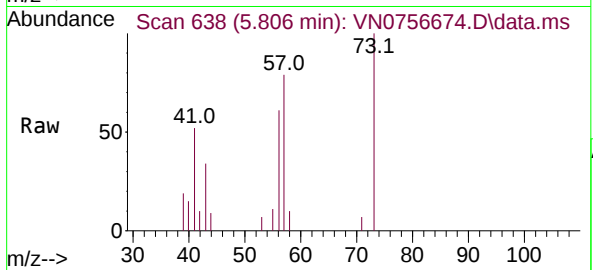




#19
Methyl tert-butyl Ether
Concen: 1.203 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

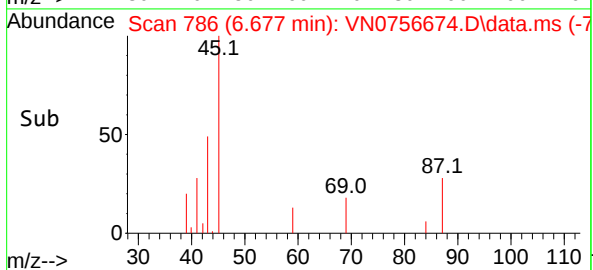
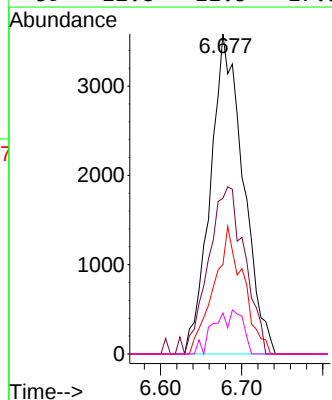
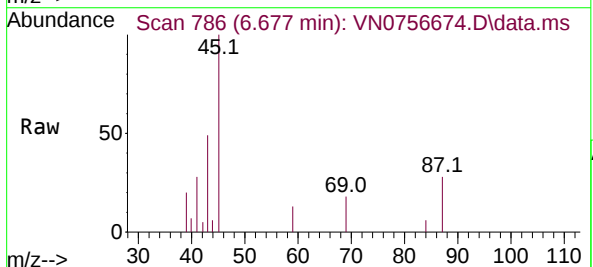
Instrument :
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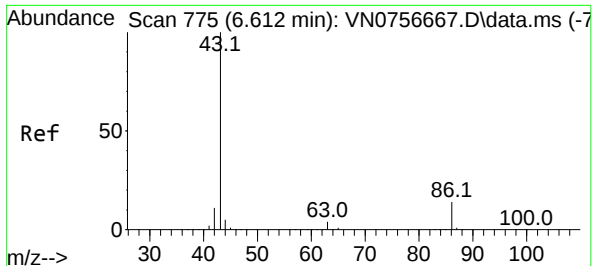
Tgt Ion: 73 Resp: 7549
Ion Ratio Lower Upper
73 100
57 79.0 15.1 22.7#



#22
Diisopropyl ether
Concen: 1.912 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 45 Resp: 10107
Ion Ratio Lower Upper
45 100
43 48.6 44.9 67.3
87 28.0 28.8 43.2#
59 12.8 11.5 17.3

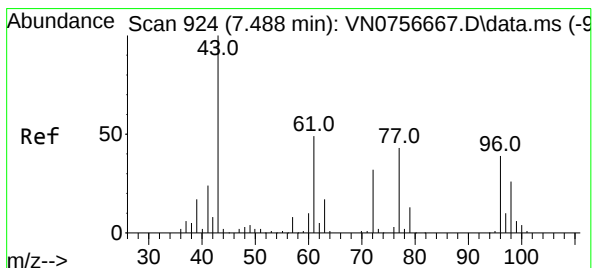
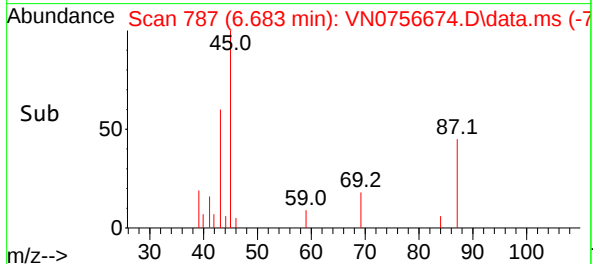
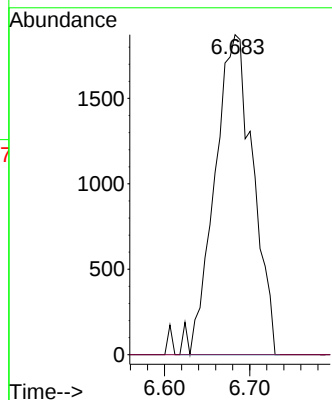
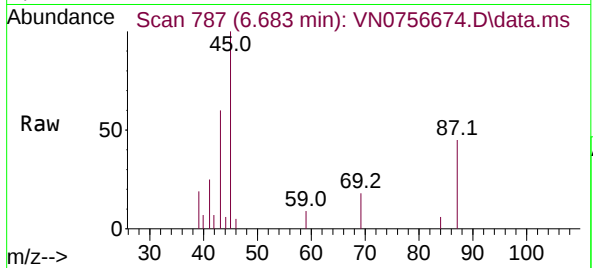




#23
 Vinyl Acetate
 Concen: 1.453 ug/l
 RT: 6.683 min Scan# 71
 Delta R.T. 0.071 min
 Lab File: VN0756674.D
 Acq: 09 Dec 2022 18:07

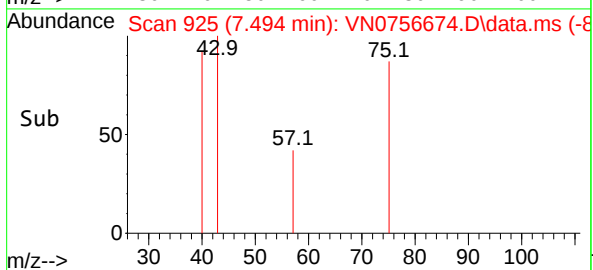
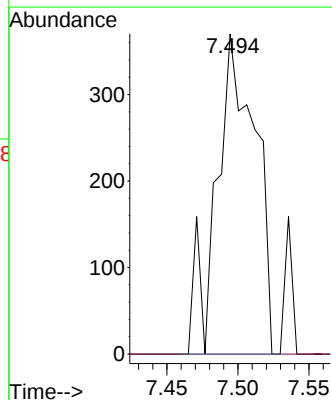
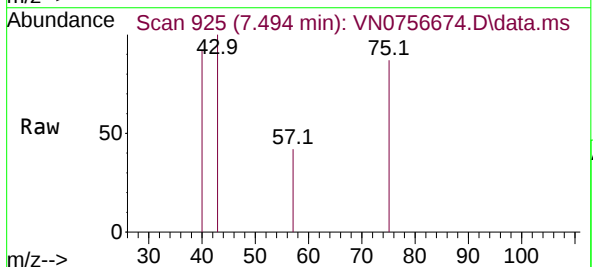
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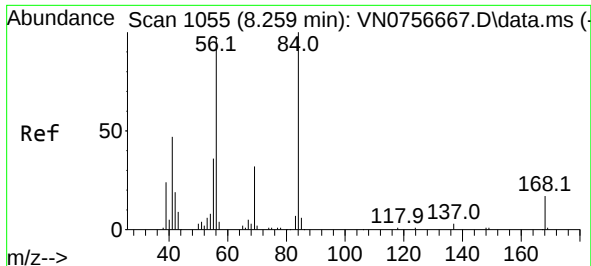
Tgt Ion: 43 Resp: 5859
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.5 17.3#



#25
 2-Butanone
 Concen: 0.620 ug/l
 RT: 7.494 min Scan# 925
 Delta R.T. 0.006 min
 Lab File: VN0756674.D
 Acq: 09 Dec 2022 18:07

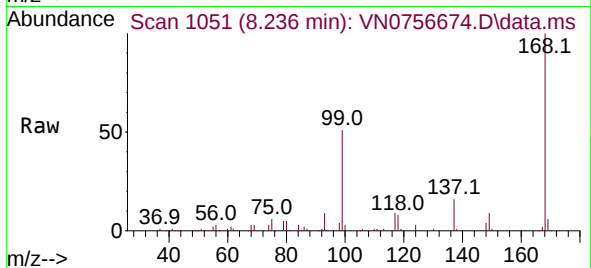
Tgt Ion: 43 Resp: 709
 Ion Ratio Lower Upper
 43 100
 72 0.0 25.3 37.9#



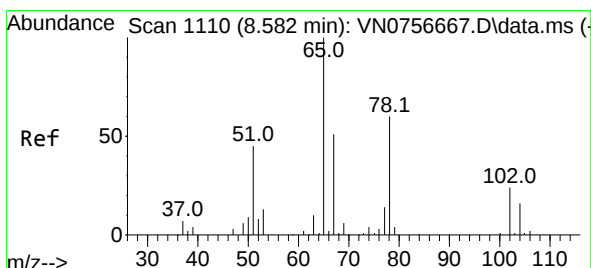
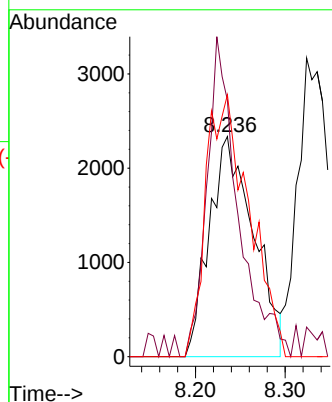
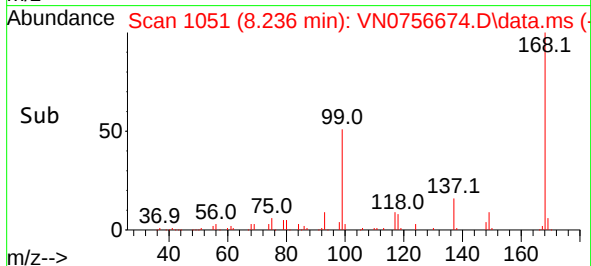


#31
Cyclohexane
Concen: 2.341 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.023 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :

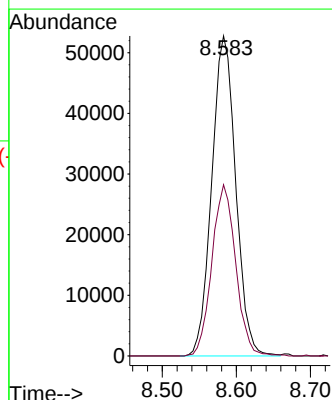
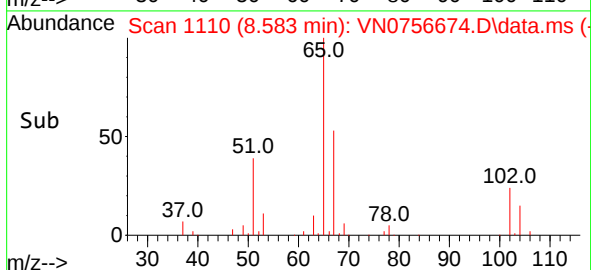
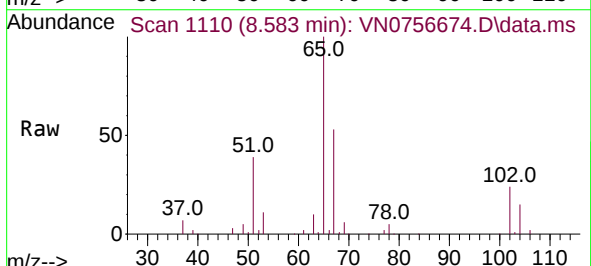


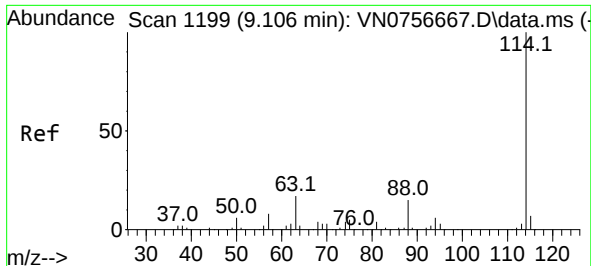
Tgt Ion: 56 Resp: 8009
Ion Ratio Lower Upper
56 100
69 116.6 26.2 39.2#
84 119.0 82.8 124.2



#33
1,2-Dichloroethane-d4
Concen: 51.299 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 65 Resp: 118558
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.2

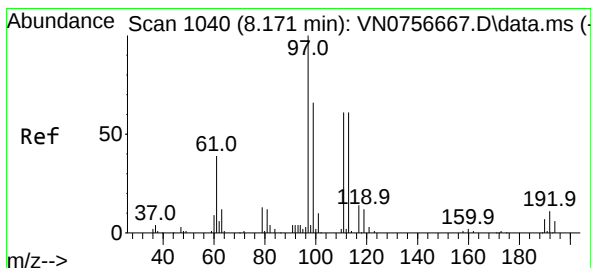
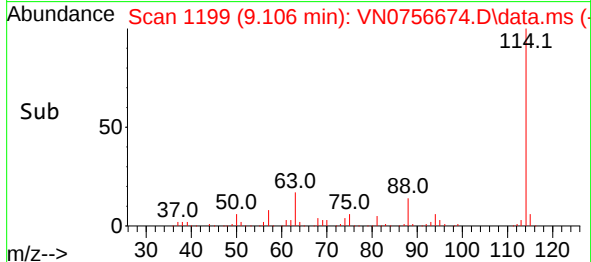
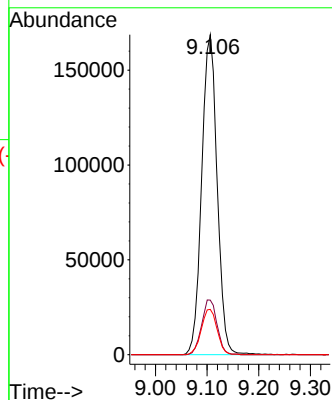
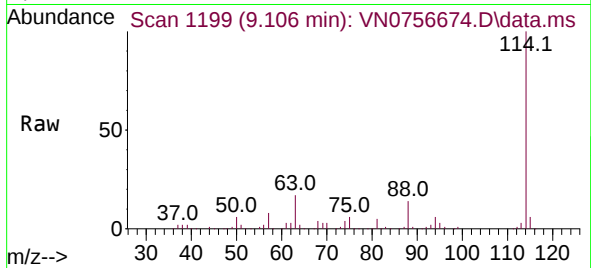




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

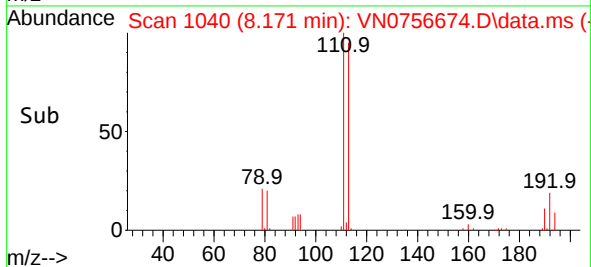
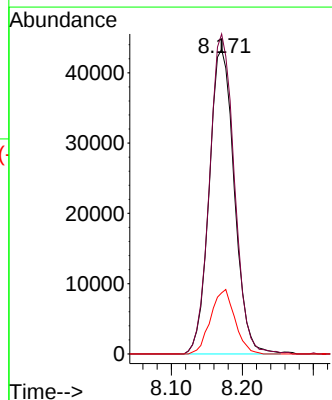
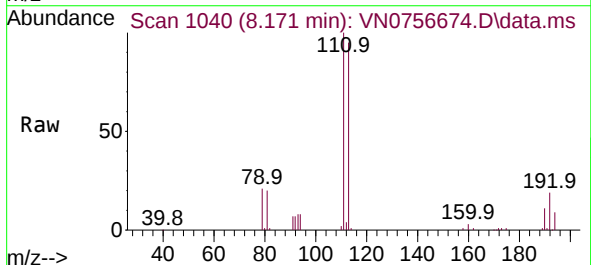
Instrument :
MSVOA_N
ClientSampleId :

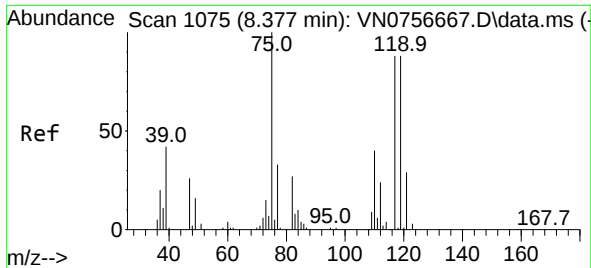
Tgt Ion:114 Resp: 349979
Ion Ratio Lower Upper
114 100
63 17.1 0.0 34.4
88 14.2 0.0 29.2



#35
Dibromofluoromethane
Concen: 49.890 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion:113 Resp: 106529
Ion Ratio Lower Upper
113 100
111 103.8 81.0 121.6
192 20.4 16.2 24.2

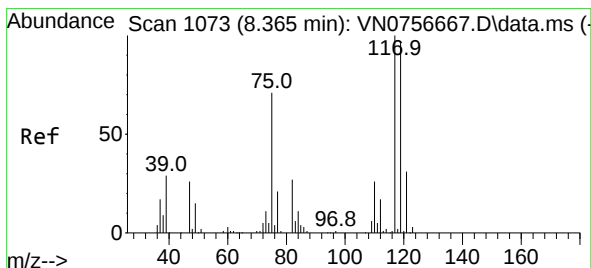
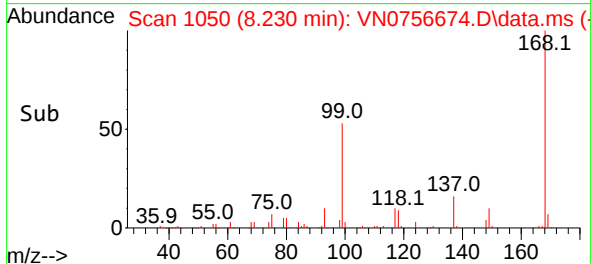
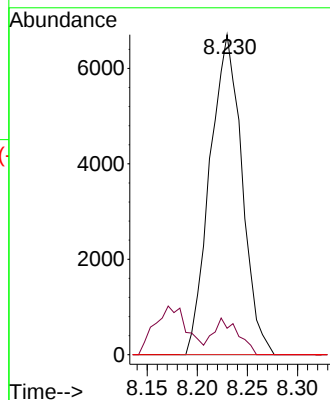
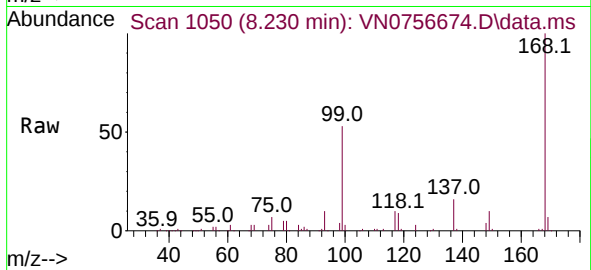




#36
 1,1-Dichloropropene
 Concen: 5.263 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.147 min
 Lab File: VN0756674.D
 Acq: 09 Dec 2022 18:07

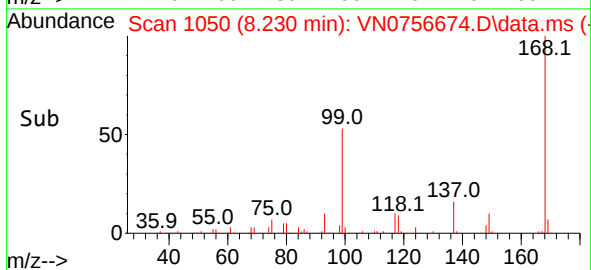
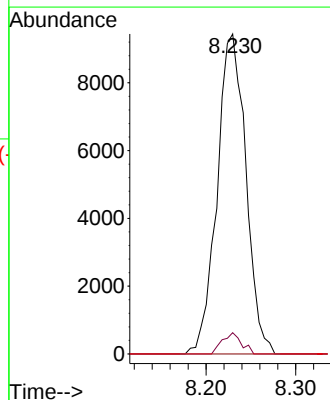
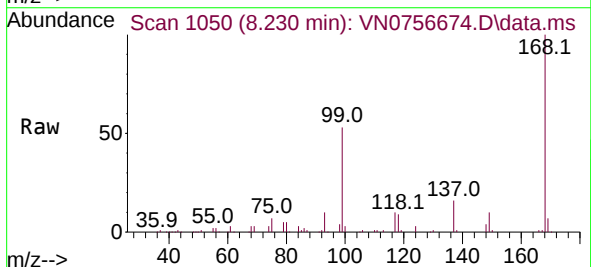
Instrument :
 MSVOA_N
 ClientSampleId :

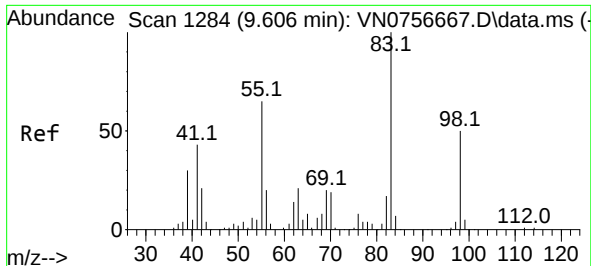
Tgt Ion: 75 Resp: 14921
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.9 56.9#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 6.422 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.135 min
 Lab File: VN0756674.D
 Acq: 09 Dec 2022 18:07

Tgt Ion: 117 Resp: 21012
 Ion Ratio Lower Upper
 117 100
 119 6.6 77.2 115.8#
 121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.513 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

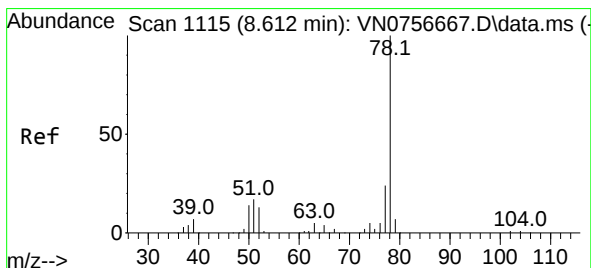
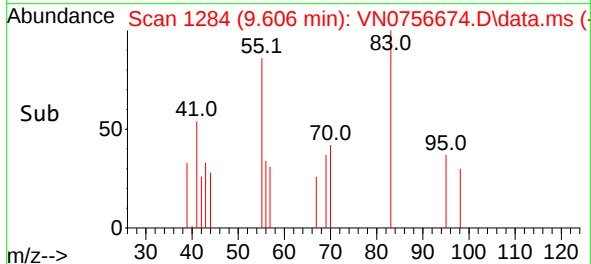
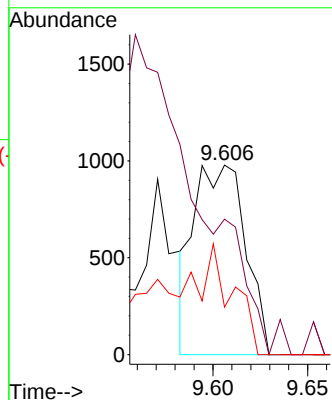
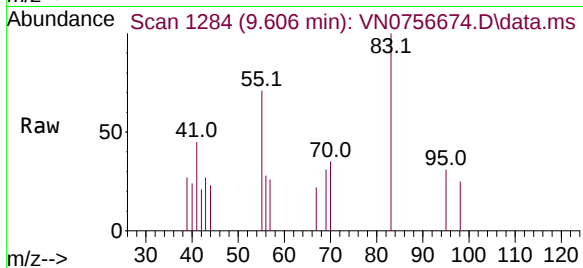
Tgt Ion: 83 Resp: 1843

Ion Ratio Lower Upper

83 100

55 52.9 51.6 77.4

98 25.0 39.8 59.8#



#40

Benzene

Concen: 4.480 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN0756674.D

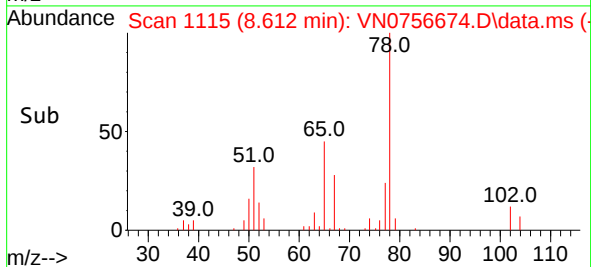
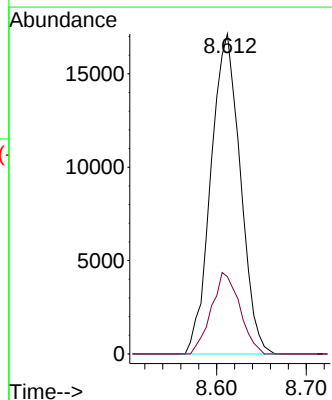
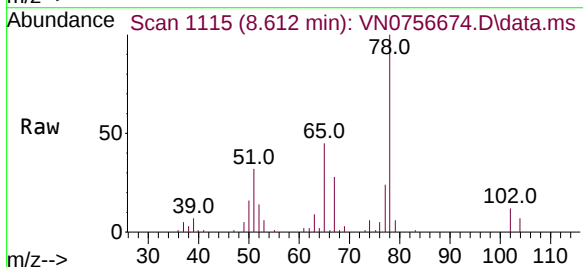
Acq: 09 Dec 2022 18:07

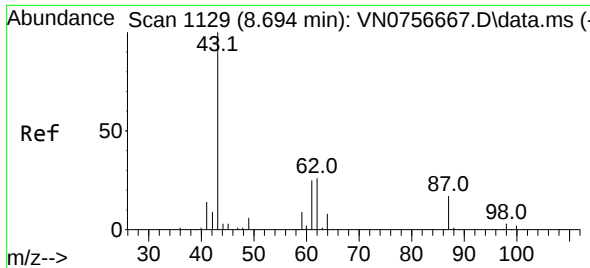
Tgt Ion: 78 Resp: 38983

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

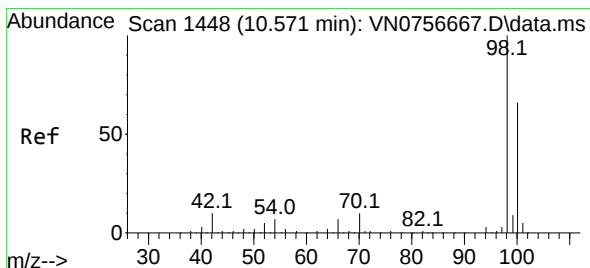
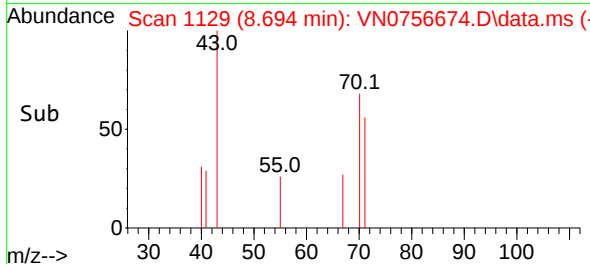
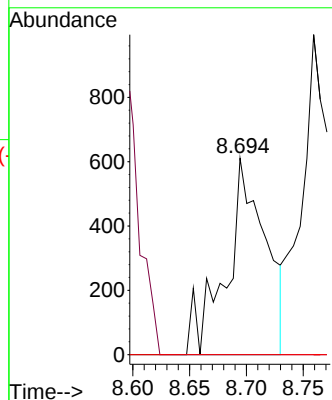
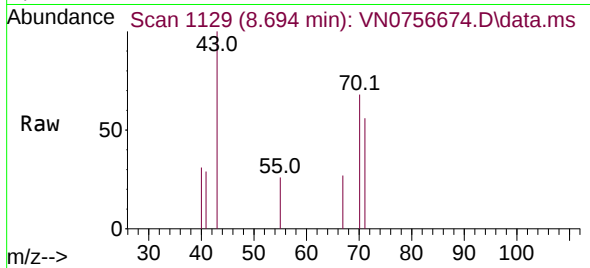




#43
Isopropyl Acetate
Concen: 0.387 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

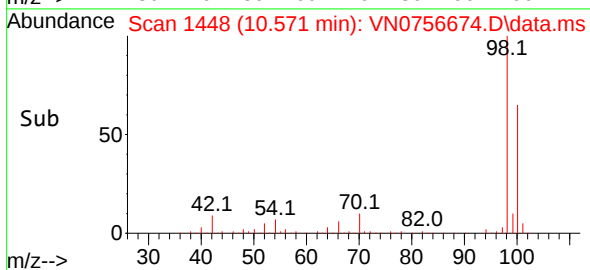
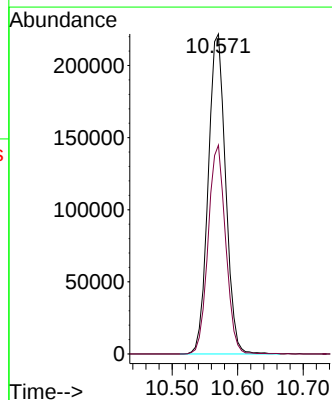
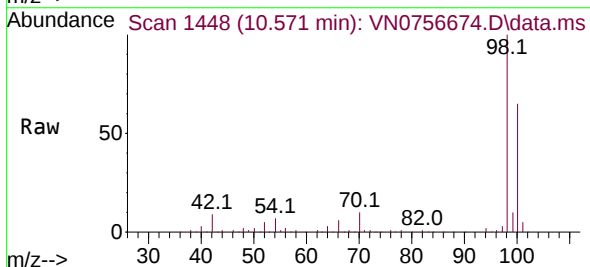
Instrument :
MSVOA_N
ClientSampleId :

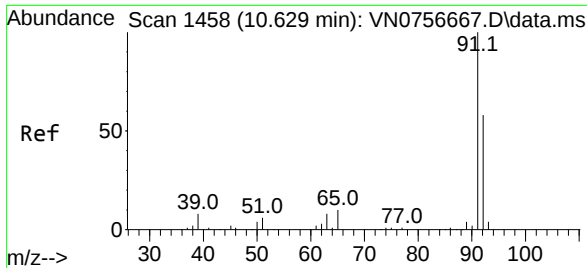
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.8#
87 0.0 13.7 20.5#



#50
Toluene-d8
Concen: 51.122 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 98 Resp: 409942
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

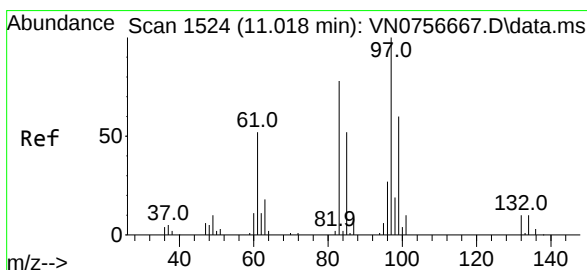
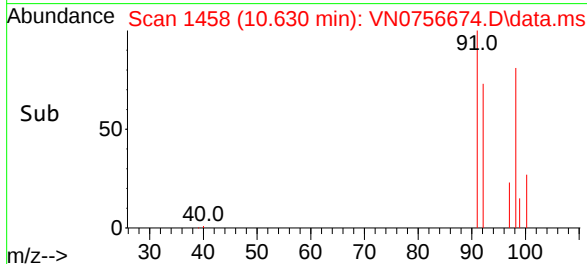
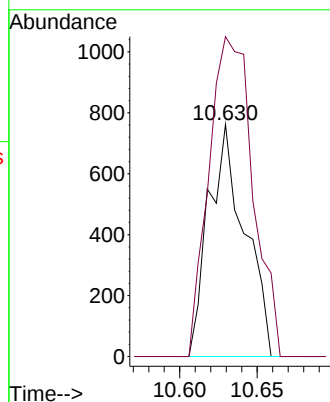
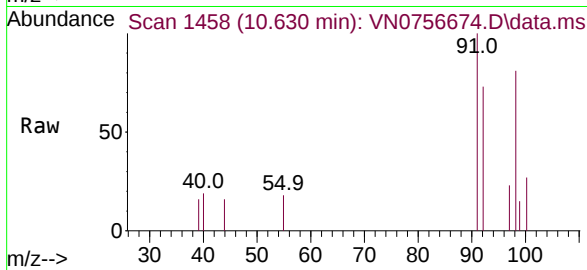




#52
Toluene
Concen: 0.214 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

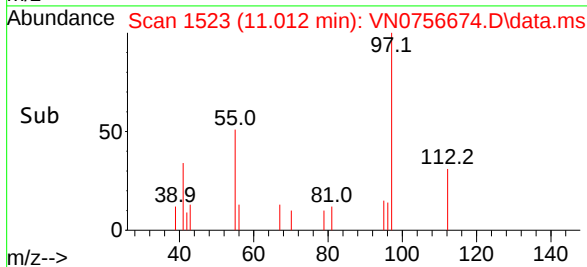
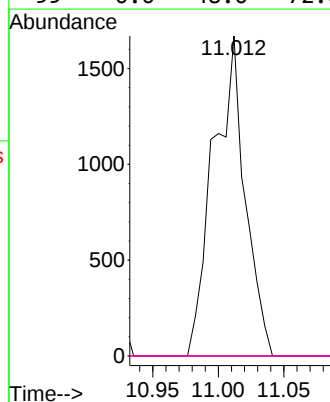
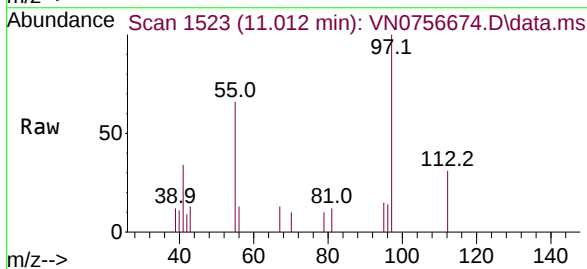
Instrument :
MSVOA_N
ClientSampleId :

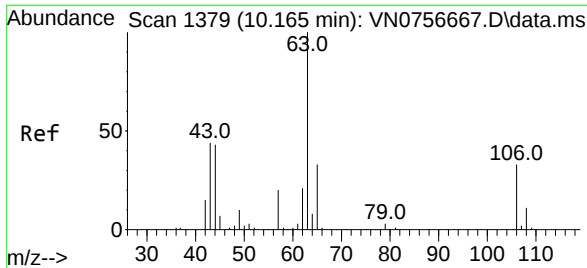
Tgt Ion: 92 Resp: 1233
Ion Ratio Lower Upper
92 100
91 168.5 137.9 206.9



#55
1,1,2-Trichloroethane
Concen: 1.241 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 97 Resp: 2807
Ion Ratio Lower Upper
97 100
83 0.0 62.7 94.1#
85 0.0 41.8 62.6#
99 0.0 48.0 72.0#

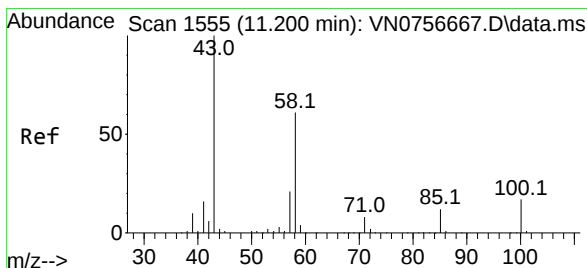
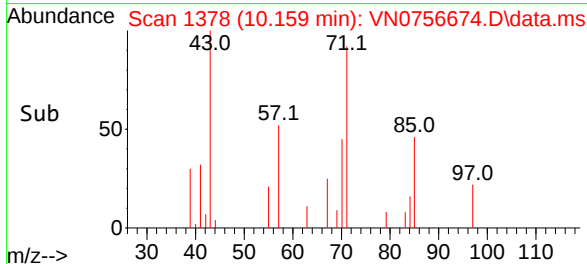
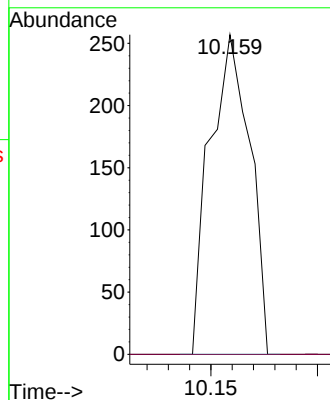
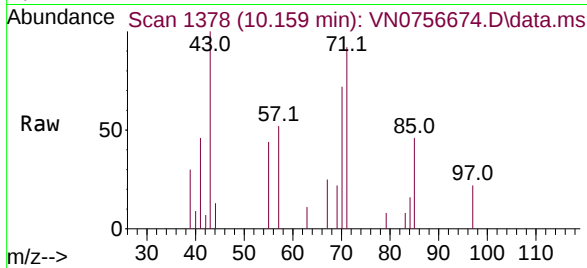




#58
2-Chloroethyl Vinyl ether
Concen: 0.372 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

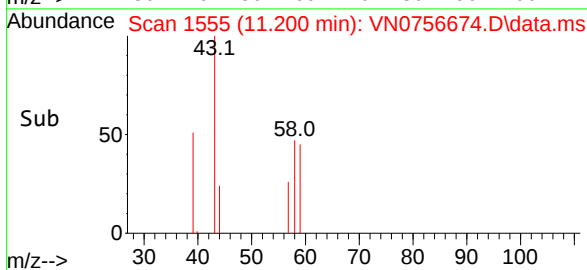
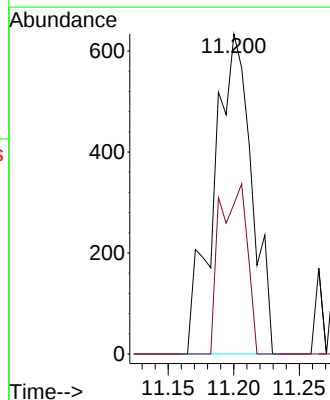
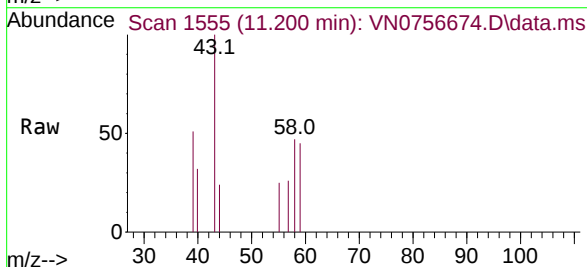
Instrument :
MSVOA_N
ClientSampleId :

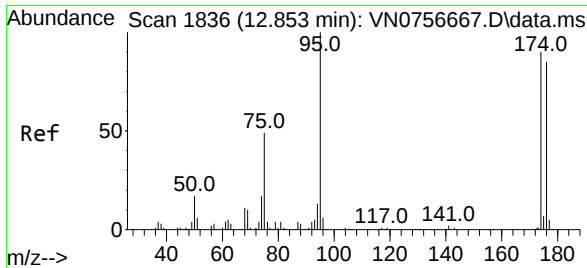
Tgt Ion: 63 Resp: 337
Ion Ratio Lower Upper
63 100
106 0.0 26.6 40.0#



#59
2-Hexanone
Concen: 0.744 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
58 38.5 30.9 92.5

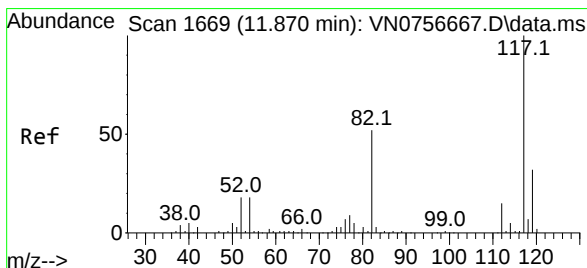
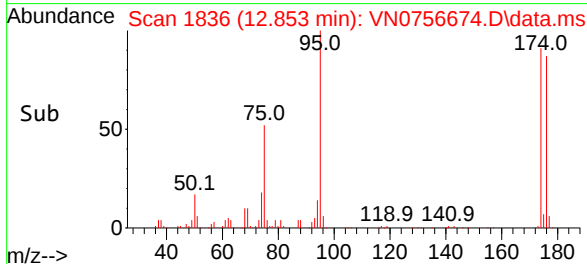
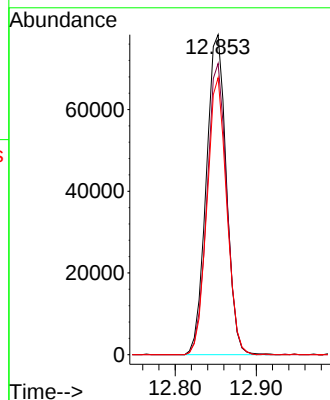
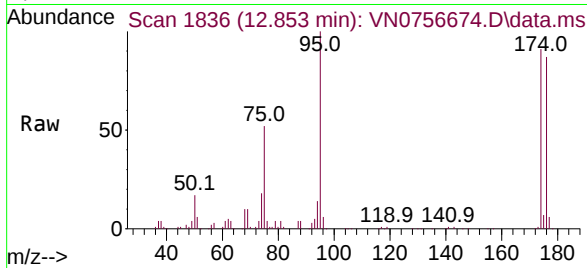




#62
4-Bromofluorobenzene
Concen: 48.998 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

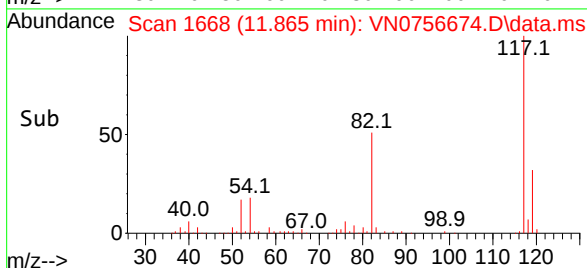
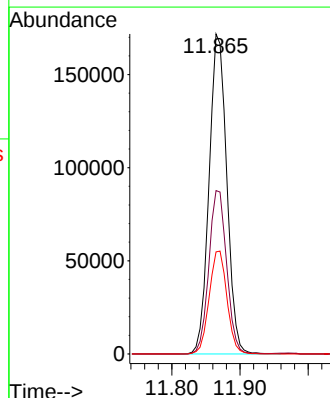
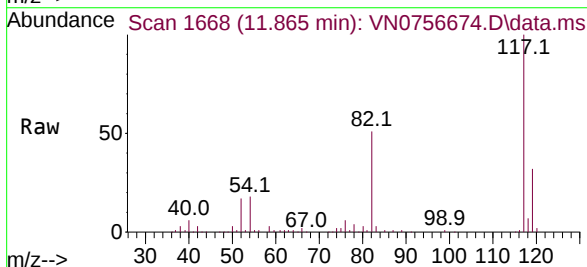
Instrument :
MSVOA_N
ClientSampleId :

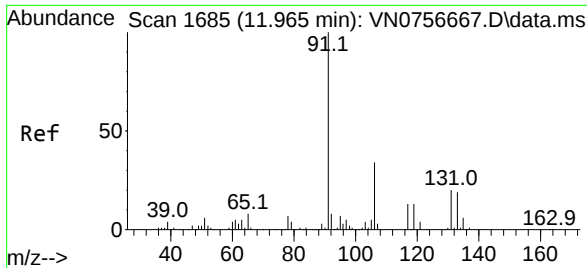
Tgt Ion: 95 Resp: 134338
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.6
176 84.6 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 117 Resp: 309813
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 31.9 25.8 38.6

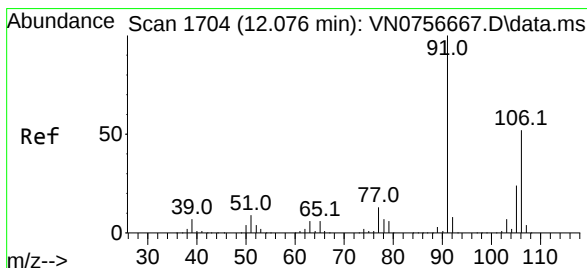
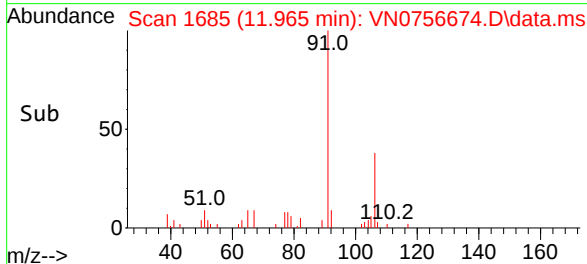
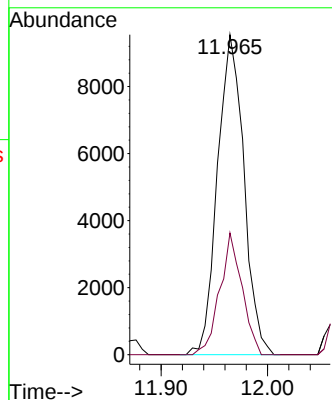
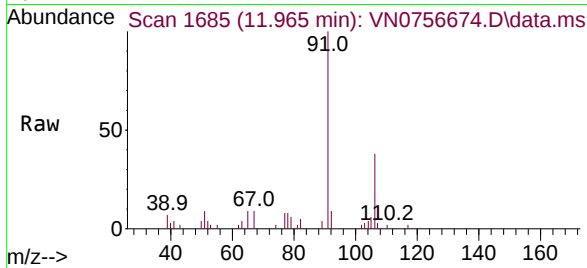




#67
Ethyl Benzene
Concen: 1.522 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

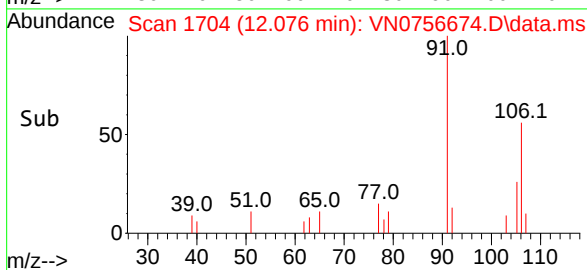
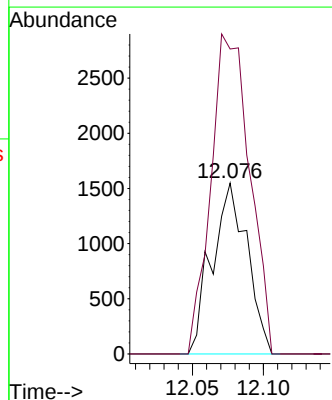
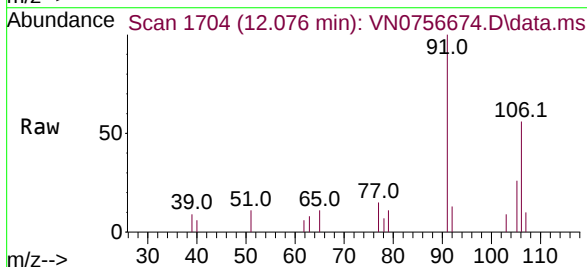
Instrument :
MSVOA_N
ClientSampleId :

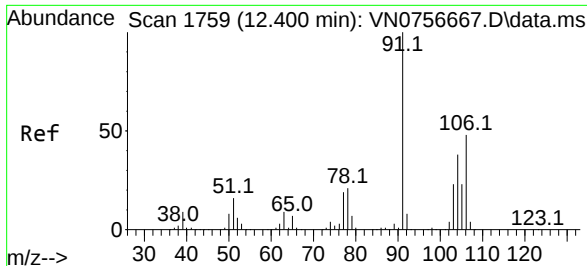
Tgt Ion: 91 Resp: 16412
Ion Ratio Lower Upper
91 100
106 38.0 26.9 40.3



#68
m/p-Xylenes
Concen: 0.614 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 106 Resp: 2674
Ion Ratio Lower Upper
106 100
91 206.4 156.2 234.4





#69

o-Xylene

Concen: 0.372 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

Instrument :

MSVOA_N

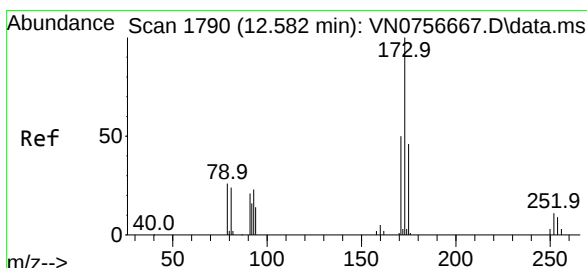
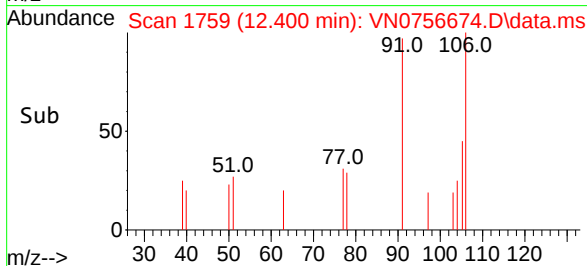
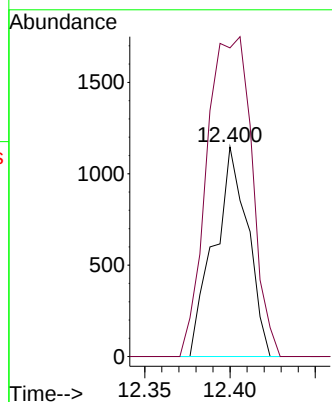
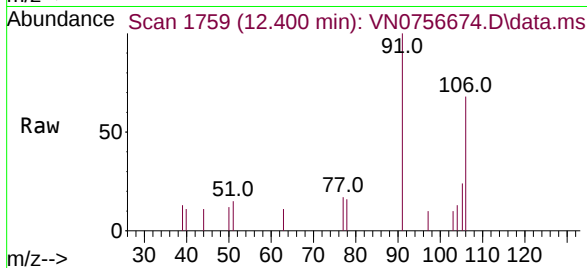
ClientSampleId :

Tgt Ion:106 Resp: 1573

Ion Ratio Lower Upper

106 100

91 204.5 102.8 308.5



#71

Bromoform

Concen: 0.599 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

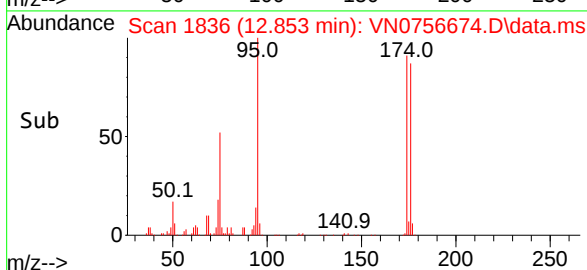
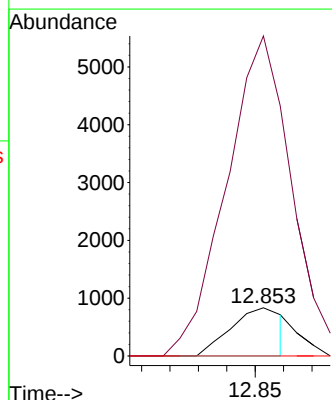
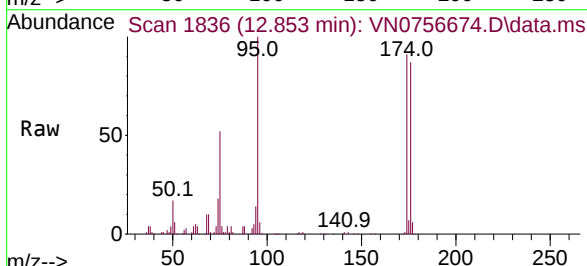
Tgt Ion:173 Resp: 1053

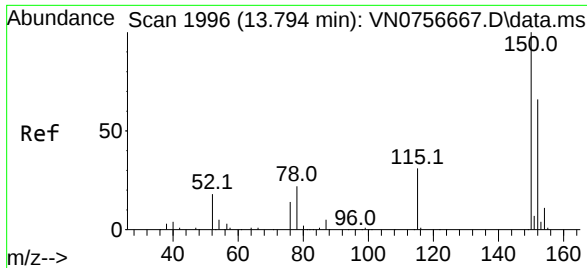
Ion Ratio Lower Upper

173 100

175 704.5 23.8 71.2#

254 0.0 0.0 0.0

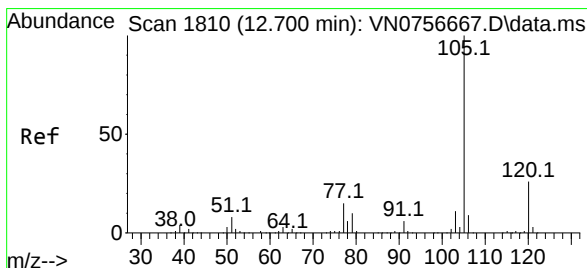
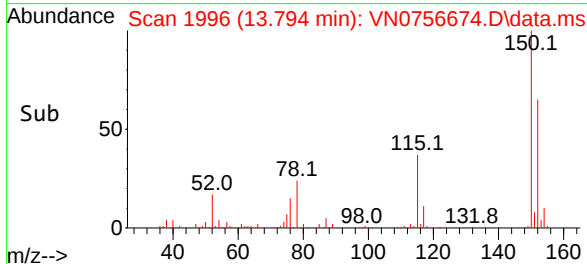
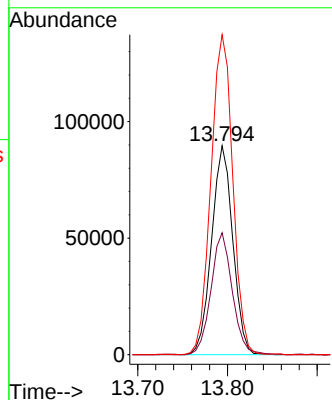
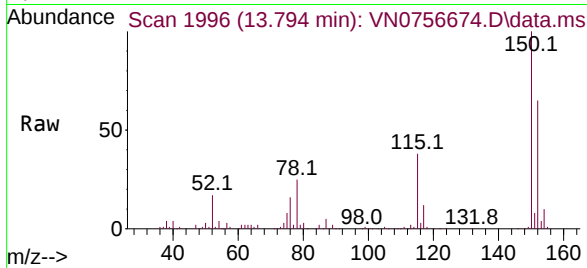




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN0756674.D
 Acq: 09 Dec 2022 18:07

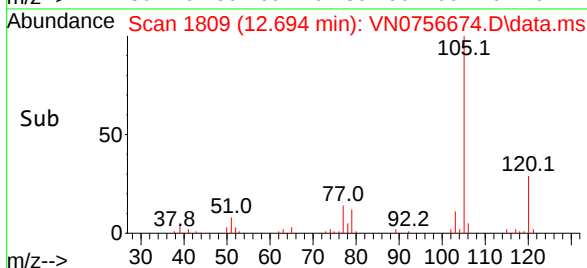
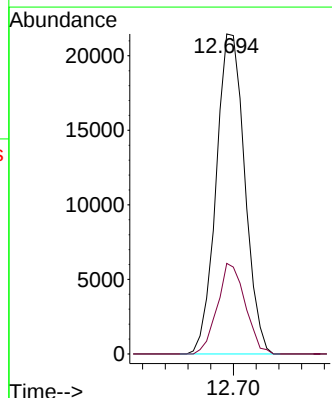
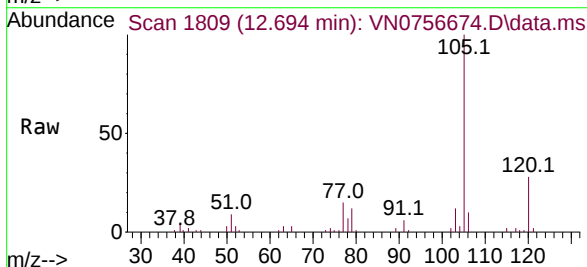
Instrument :
 MSVOA_N
 ClientSampleId :

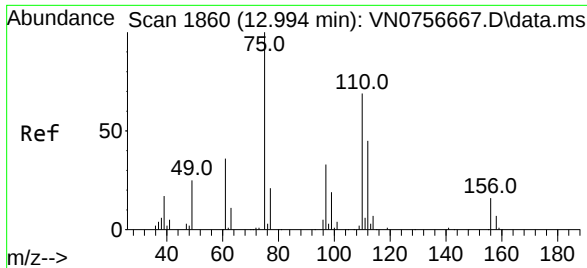
Tgt Ion:152 Resp: 147156
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.4 85.2
 150 157.5 0.0 347.6



#73
 Isopropylbenzene
 Concen: 3.548 ug/l
 RT: 12.694 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: VN0756674.D
 Acq: 09 Dec 2022 18:07

Tgt Ion:105 Resp: 37488
 Ion Ratio Lower Upper
 105 100
 120 27.5 13.4 40.2

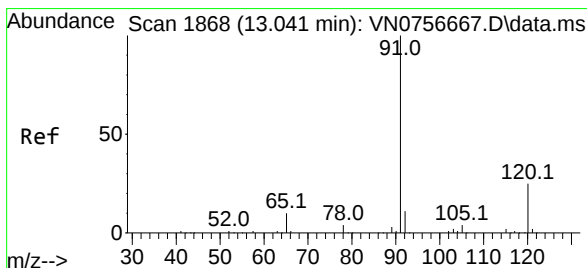
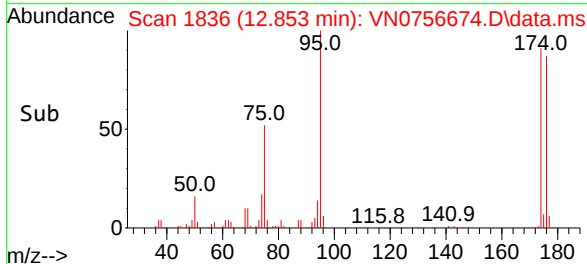
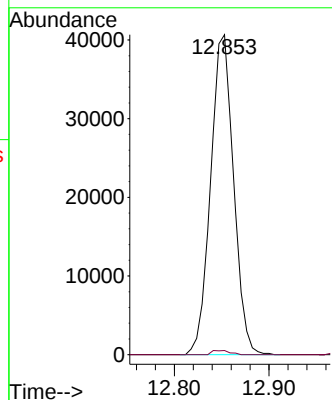
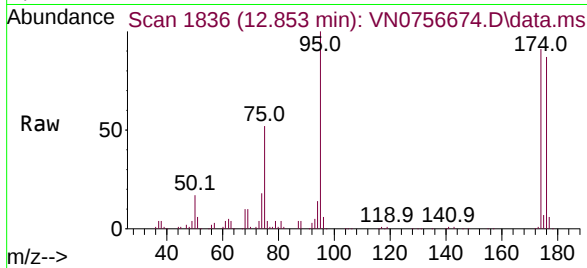




#76
1,2,3-Trichloropropane
Concen: 23.184 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

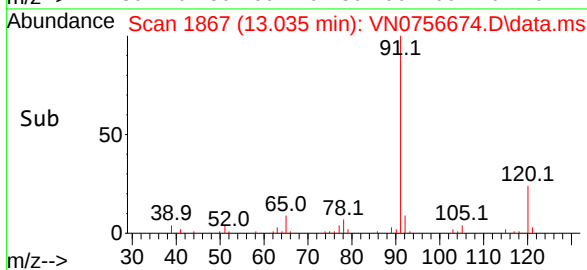
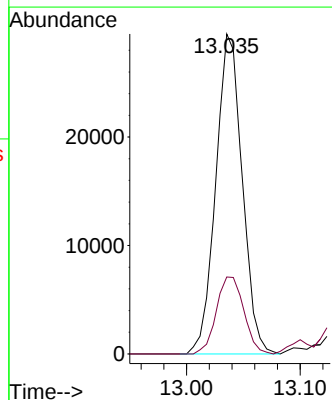
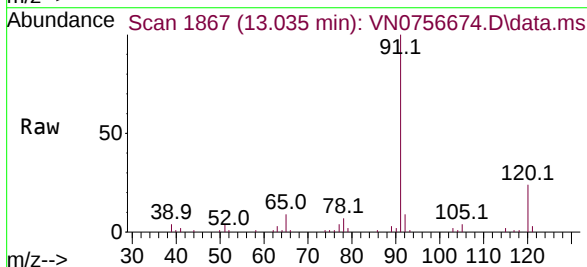
Instrument :
MSVOA_N
ClientSampleId :

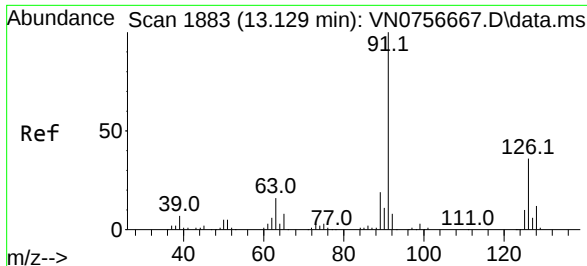
Tgt Ion: 75 Resp: 68514
Ion Ratio Lower Upper
75 100
77 1.0 81.8 245.4#



#78
n-propylbenzene
Concen: 4.069 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 91 Resp: 47712
Ion Ratio Lower Upper
91 100
120 25.0 12.1 36.3

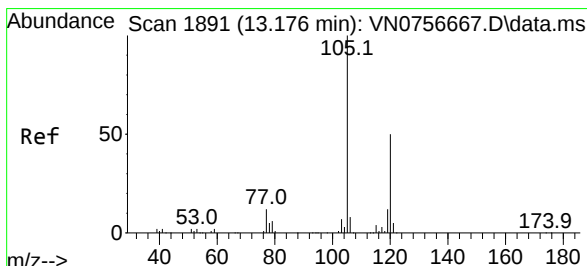
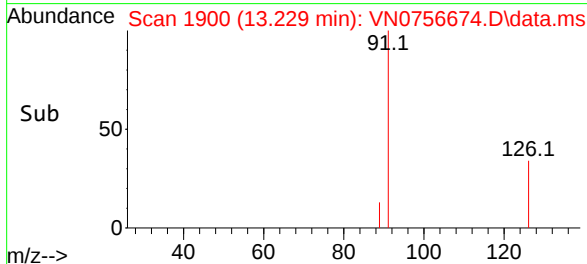
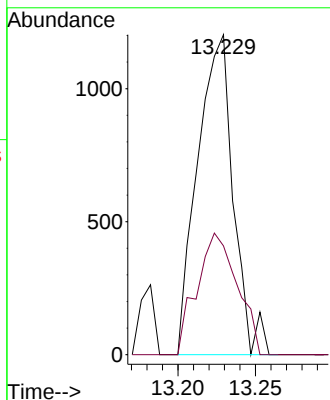
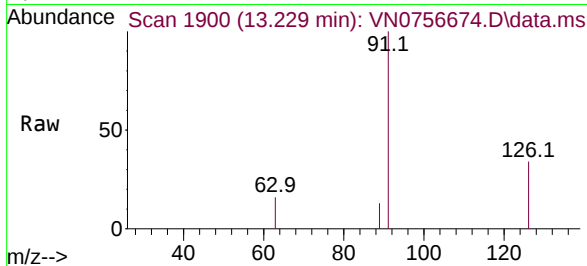




#79
2-Chlorotoluene
Concen: 0.265 ug/l
RT: 13.229 min Scan# 1900
Delta R.T. 0.100 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

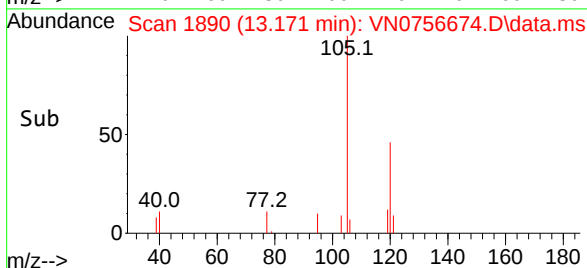
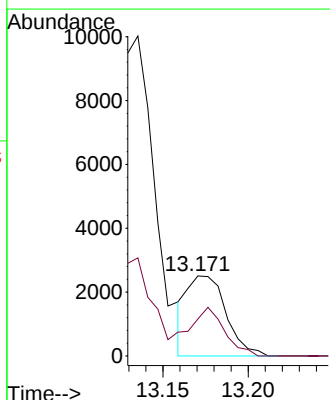
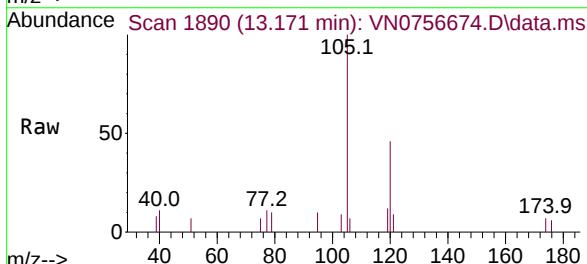
Instrument :
MSVOA_N
ClientSampleId :

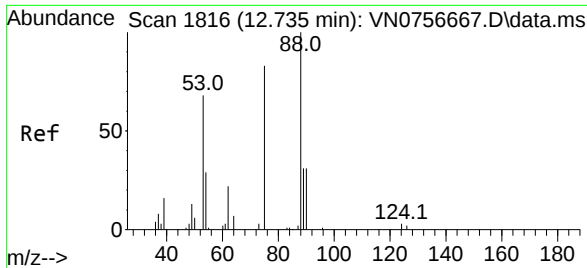
Tgt Ion: 91 Resp: 1921
Ion Ratio Lower Upper
91 100
126 43.2 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 0.454 ug/l
RT: 13.171 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 105 Resp: 4008
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.6

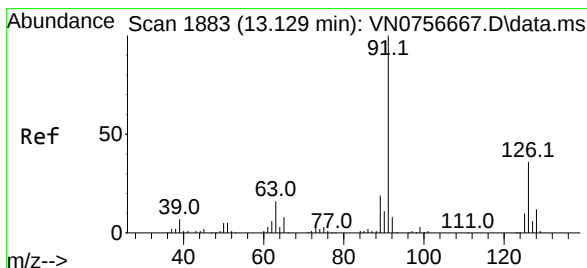
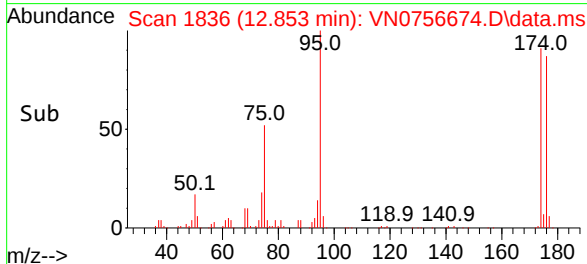
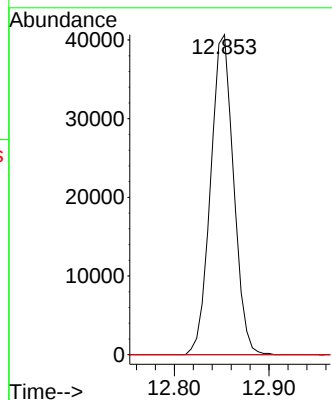
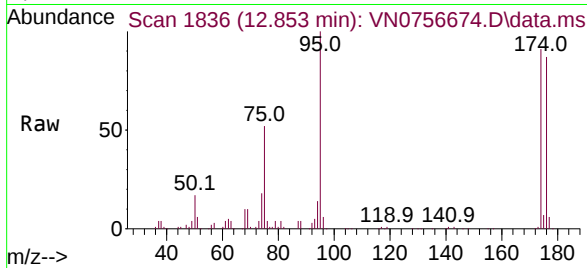




#81
trans-1,4-Dichloro-2-butene
Concen: 74.163 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

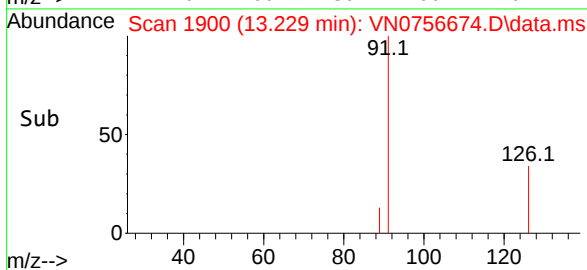
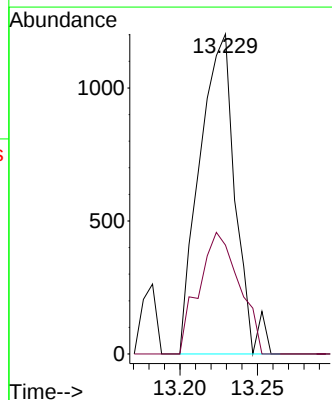
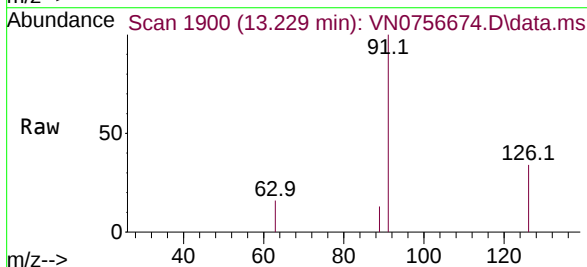
Instrument :
MSVOA_N
ClientSampleId :

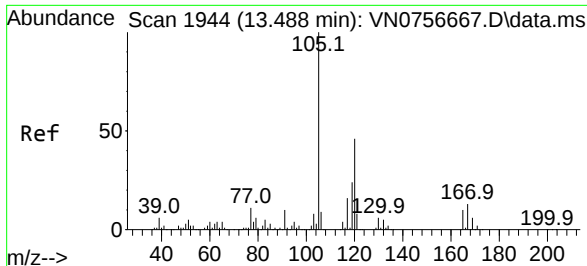
Tgt Ion: 75 Resp: 68514
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#



#82
4-Chlorotoluene
Concen: 0.265 ug/l
RT: 13.229 min Scan# 1900
Delta R.T. 0.100 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion: 91 Resp: 1921
Ion Ratio Lower Upper
91 100
126 43.2 17.8 53.4

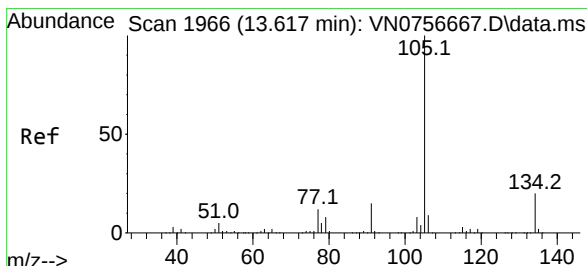
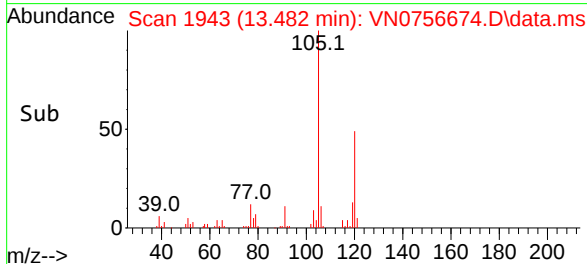
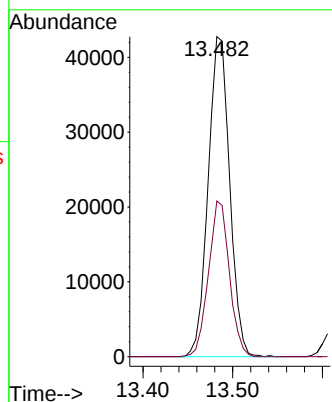
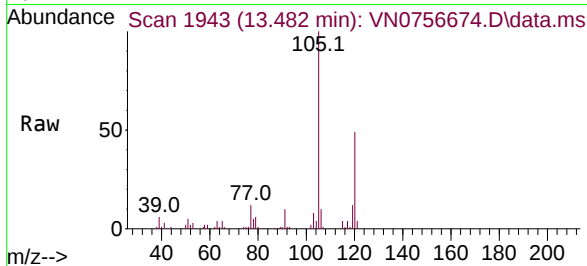




#84
 1,2,4-Trimethylbenzene
 Concen: 8.018 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.006 min
 Lab File: VN0756674.D
 Acq: 09 Dec 2022 18:07

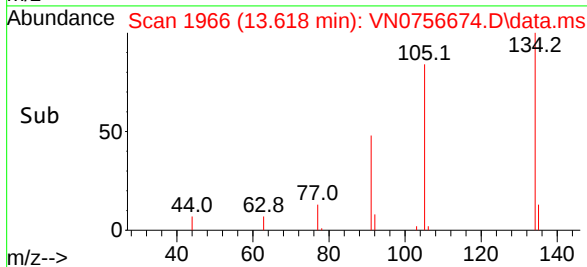
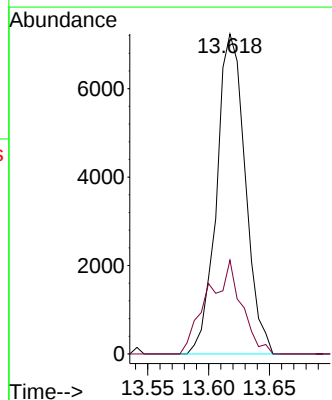
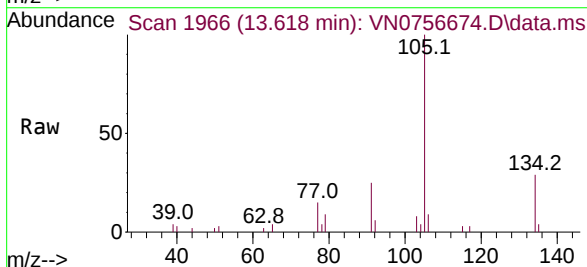
Instrument :
 MSVOA_N
 ClientSampleId :

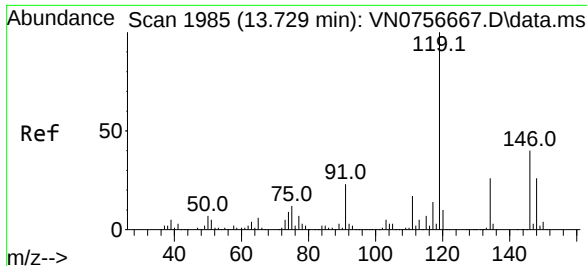
Tgt Ion:105 Resp: 71186
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 1.075 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN0756674.D
 Acq: 09 Dec 2022 18:07

Tgt Ion:105 Resp: 11838
 Ion Ratio Lower Upper
 105 100
 134 34.7 10.2 30.6#





#86

p-Isopropyltoluene

Concen: 0.329 ug/l

RT: 13.888 min Scan# 20

Delta R.T. 0.159 min

Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

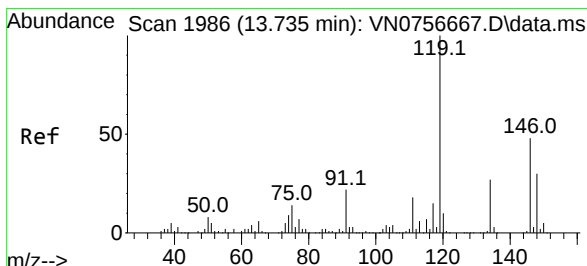
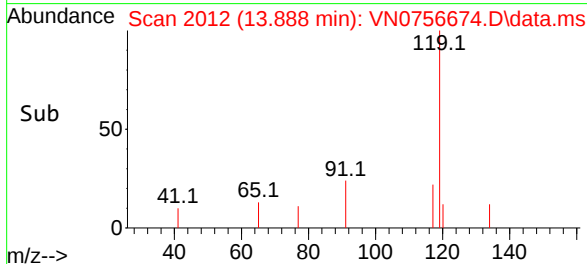
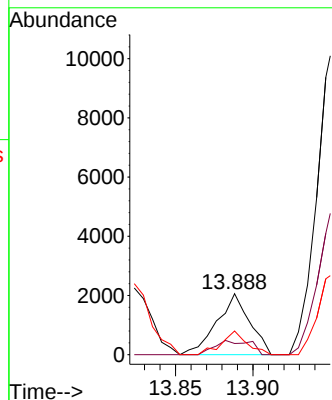
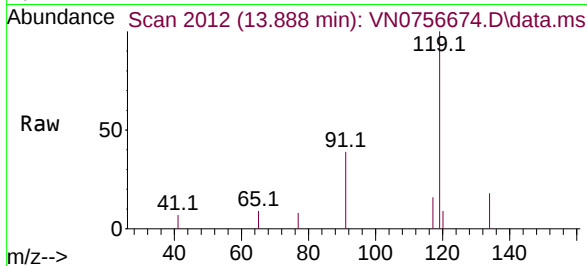
Tgt Ion:119 Resp: 3036

Ion Ratio Lower Upper

119 100

134 25.1 13.3 39.9

91 30.0 11.4 34.1



#87

1,3-Dichlorobenzene

Concen: 0.385 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

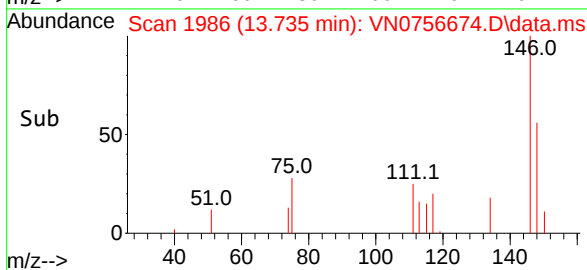
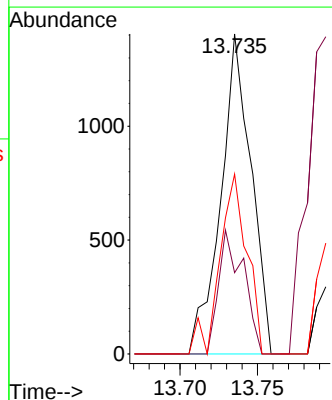
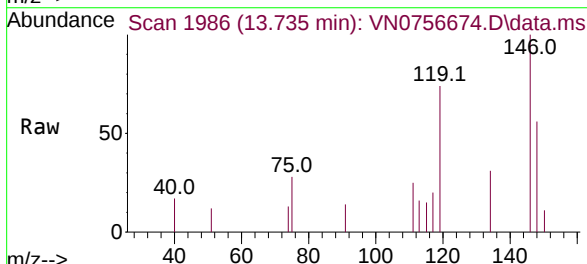
Tgt Ion:146 Resp: 1913

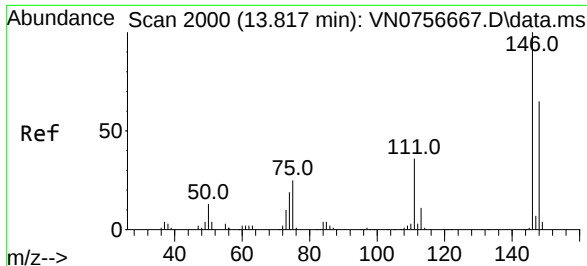
Ion Ratio Lower Upper

146 100

111 31.6 19.8 59.3

148 50.2 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 0.378 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.082 min

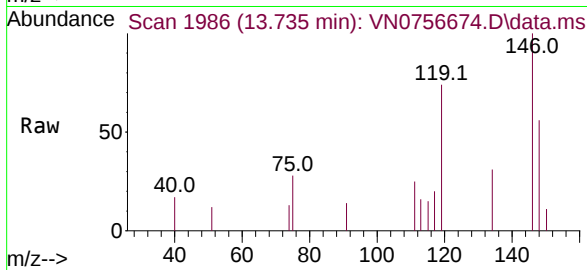
Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :



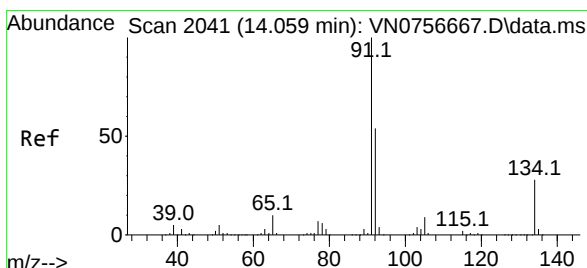
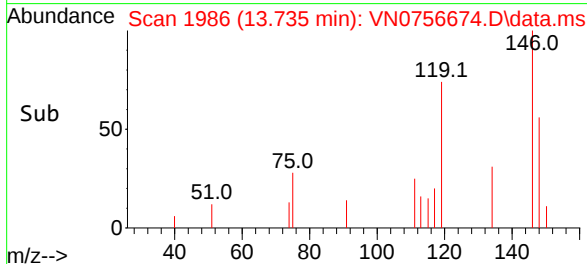
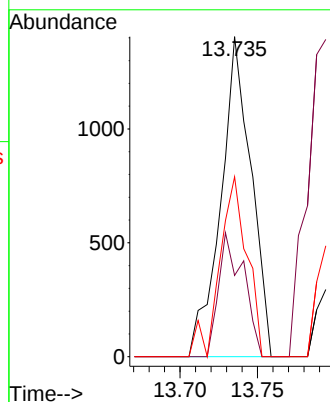
Tgt Ion:146 Resp: 1913

Ion Ratio Lower Upper

146 100

111 31.6 19.1 57.1

148 50.2 32.1 96.3



#89

n-Butylbenzene

Concen: 0.745 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

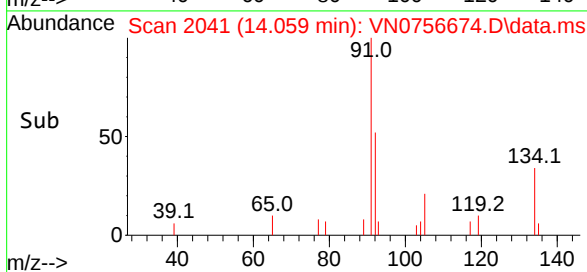
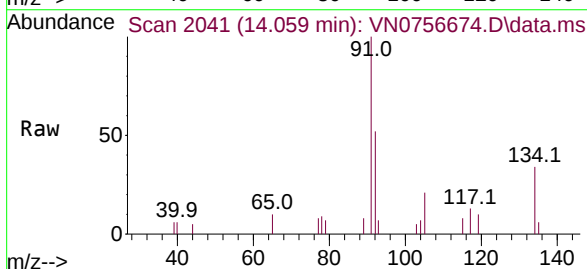
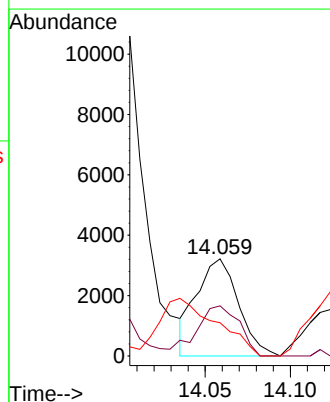
Tgt Ion: 91 Resp: 5499

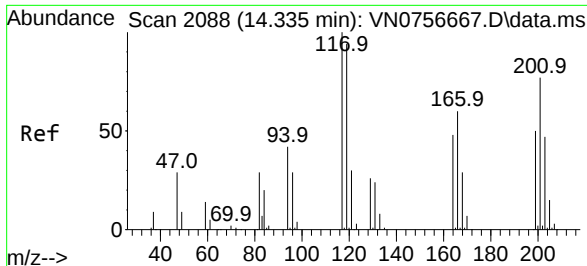
Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.1

134 0.0 13.9 41.7#

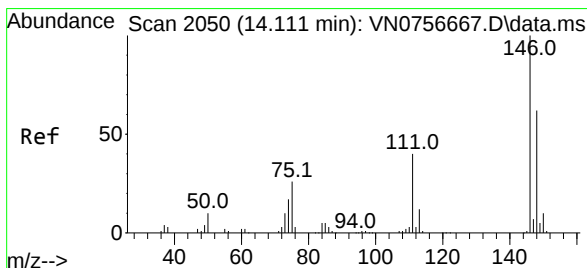
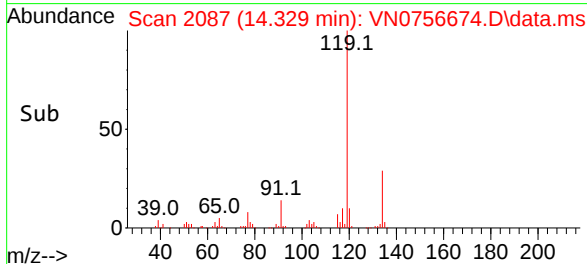
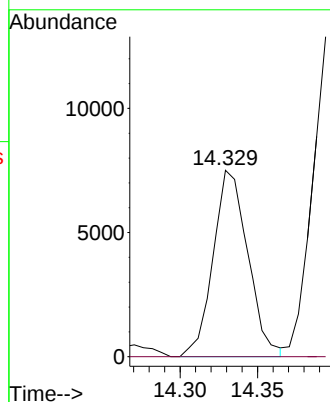
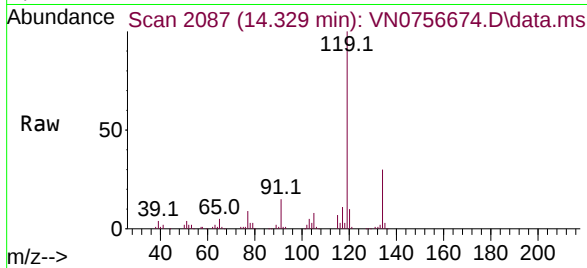




#90
Hexachloroethane
Concen: 7.416 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

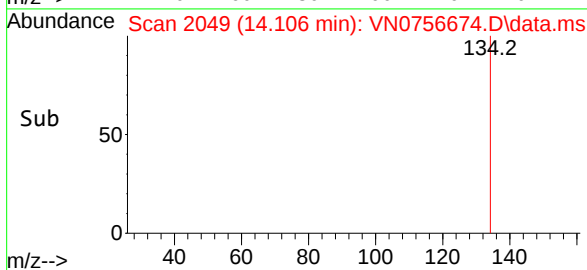
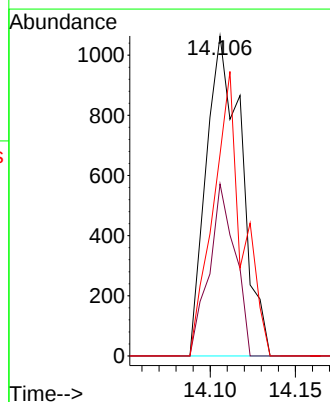
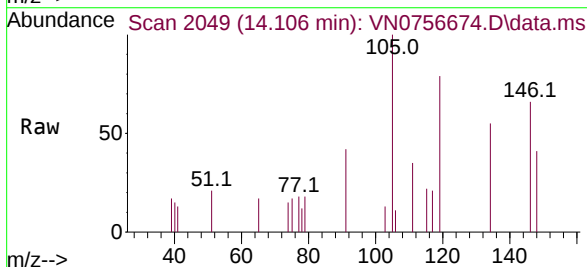
Instrument :
MSVOA_N
ClientSampleId :

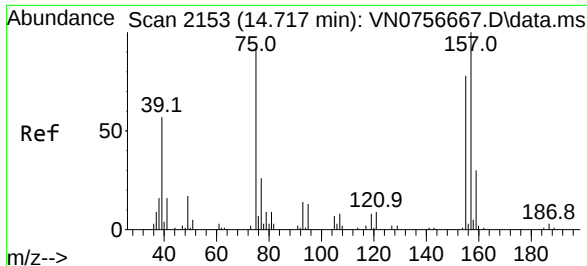
Tgt Ion:117 Resp: 11706
Ion Ratio Lower Upper
117 100
201 0.0 39.2 117.6#



#91
1,2-Dichlorobenzene
Concen: 0.309 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.006 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion:146 Resp: 1527
Ion Ratio Lower Upper
146 100
111 39.8 20.1 60.3
148 72.8 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.332 ug/l

RT: 14.700 min Scan# 2153

Delta R.T. -0.017 min

Lab File: VN0756674.D

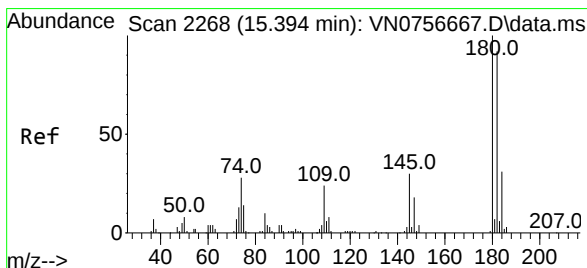
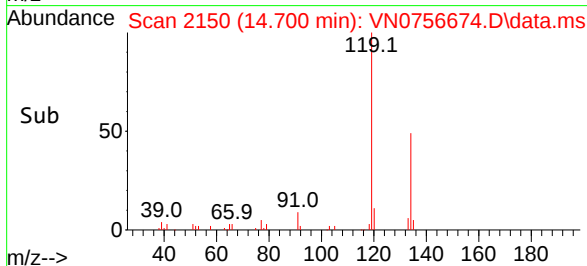
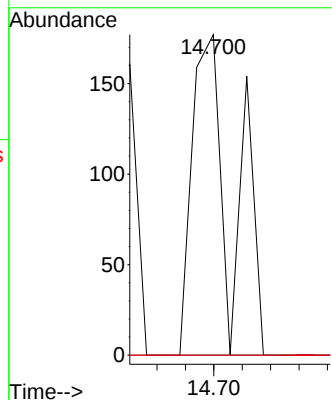
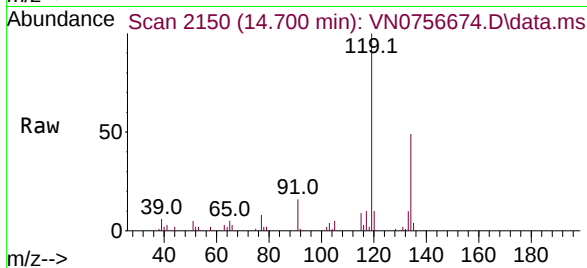
Acq: 09 Dec 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp:	173
Ion Ratio	Lower	Upper
75	100	
155	0.0	48.4 145.2#
157	0.0	63.5 190.6#



#93

1,2,4-Trichlorobenzene

Concen: 0.922 ug/l

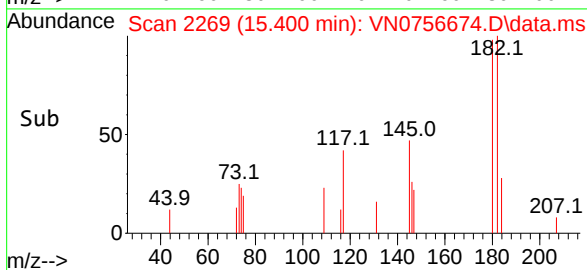
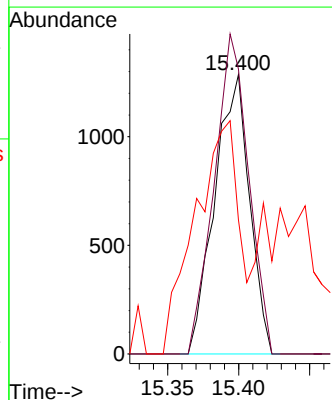
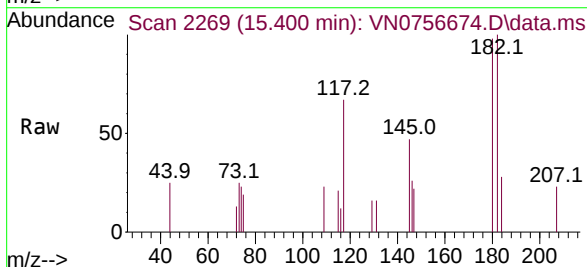
RT: 15.400 min Scan# 2269

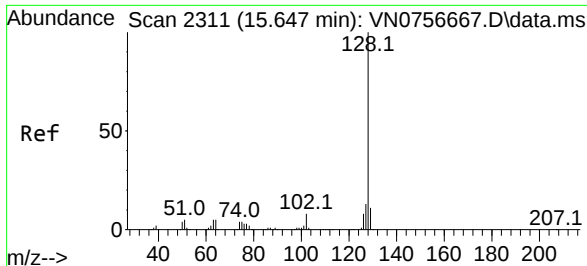
Delta R.T. 0.006 min

Lab File: VN0756674.D

Acq: 09 Dec 2022 18:07

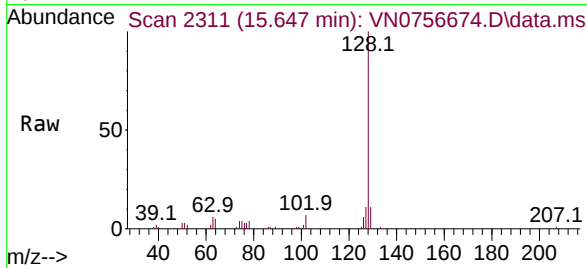
Tgt Ion: 180	Resp:	2190
Ion Ratio	Lower	Upper
180	100	
182	113.5	47.1 141.3
145	104.7	15.2 45.5#



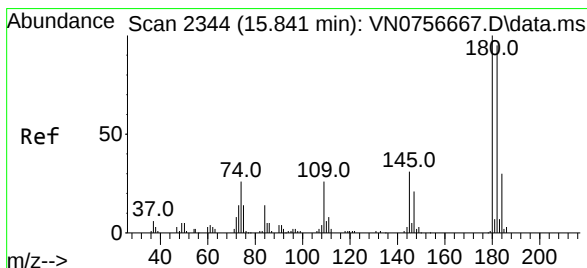
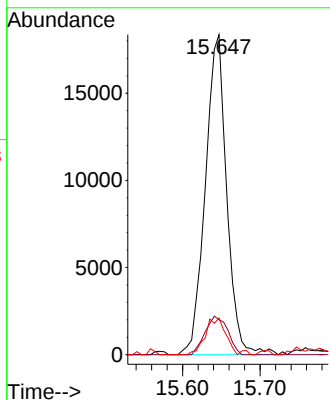
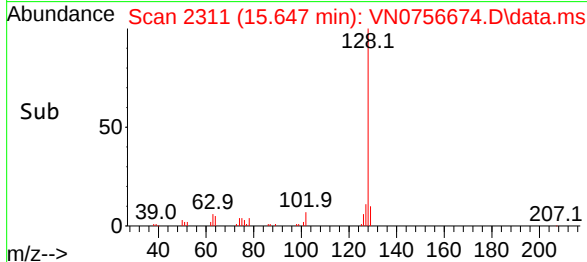


#95
Naphthalene
Concen: 5.020 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 35220
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.3 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.181 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN0756674.D
Acq: 09 Dec 2022 18:07

Tgt Ion:180 Resp: 2756
Ion Ratio Lower Upper
180 100
182 92.9 46.8 140.4
145 68.6 15.6 46.8#

