

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756675.D
 Acq On : 09 Dec 2022 18:31
 Operator : JC\MD
 Sample : N5906-12DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 03:11:07 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	223869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	361799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	151258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122097	51.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.800%
35) Dibromofluoromethane	8.171	113	108405	49.110	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	10.571	98	416912	50.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.853	95	138375	48.821	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	452	0.230	ug/l #	40
6) Chloroethane	3.136	64	469	0.261	ug/l #	43
11) Tert butyl alcohol	5.495	59	784	2.231	ug/l #	72
13) Acrolein	4.159	56	166	0.410	ug/l #	15
16) Acetone	4.448	43	1448	1.800	ug/l #	41
19) Methyl tert-butyl Ether	5.818	73	6465	1.002	ug/l #	1
20) Methylene Chloride	5.283	84	761	0.317	ug/l #	75
25) 2-Butanone	7.494	43	1271	1.081	ug/l	98
29) Tetrahydrofuran	8.018	42	150	0.207	ug/l #	1
30) Chloroform	7.936	83	1159	0.293	ug/l #	18
31) Cyclohexane	8.253	56	21370	6.076	ug/l #	85
36) 1,1-Dichloropropene	8.236	75	15376	5.246	ug/l #	48
37) Ethyl Acetate	7.494	43	1271	0.540	ug/l #	64
38) Carbon Tetrachloride	8.224	117	21463	6.346	ug/l #	15
39) Methylcyclohexane	9.600	83	18610	5.007	ug/l	92
40) Benzene	8.612	78	717040	79.713	ug/l	100
42) 1,2-Dichloroethane	8.606	62	5990	1.991	ug/l	93
43) Isopropyl Acetate	8.706	43	1632	0.415	ug/l #	51
48) Methyl methacrylate	9.606	41	6875	3.799	ug/l #	80
52) Toluene	10.630	92	17203	2.893	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	2086	0.892	ug/l #	18
59) 2-Hexanone	11.200	43	816	0.464	ug/l #	49
67) Ethyl Benzene	11.965	91	559609	50.283	ug/l	98
68) m/p-Xylenes	12.071	106	45658	10.153	ug/l	100
69) o-Xylene	12.400	106	15481	3.548	ug/l	100
71) Bromoform	12.853	173	1215	0.670	ug/l #	1
73) Isopropylbenzene	12.700	105	86475	7.962	ug/l	99
76) 1,2,3-Trichloropropane	12.853	75	68549	22.567	ug/l #	1
78) n-propylbenzene	13.035	91	198010	16.430	ug/l	99
79) 2-Chlorotoluene	13.035	91	198010	26.613	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.176	105	19272	2.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.853	75	68549	72.260	ug/l #	13
82) 4-Chlorotoluene	13.035	91	198010	26.613	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.482	105	45731	5.011	ug/l	97
85) sec-Butylbenzene	13.618	105	9071	0.801	ug/l #	68
89) n-Butylbenzene	14.059	91	9242	1.217	ug/l #	74

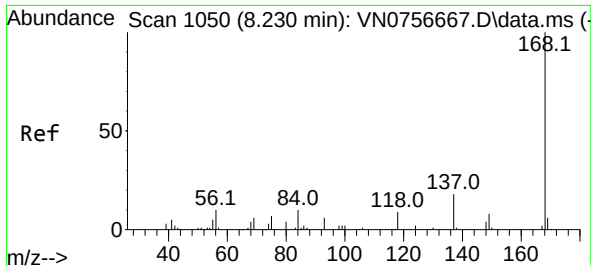
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 03:01:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.335	117	8079	4.980	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.665	75	235	0.438	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.400	180	906	0.371	ug/l #	81
95) Naphthalene	15.641	128	144873	20.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	782	0.326	ug/l #	68

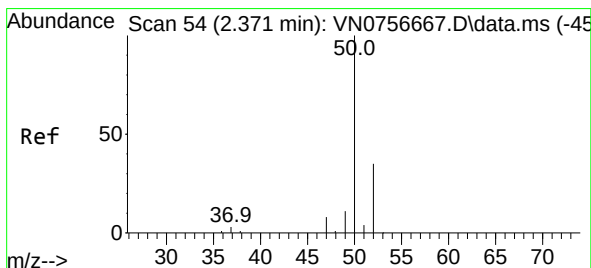
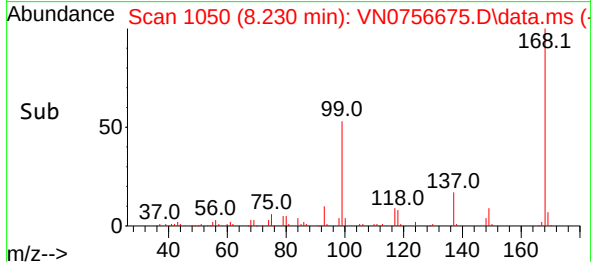
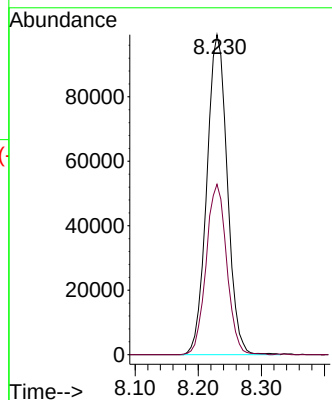
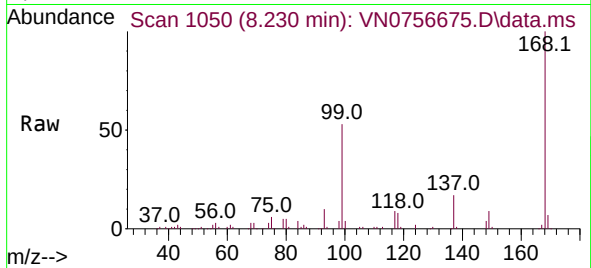
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

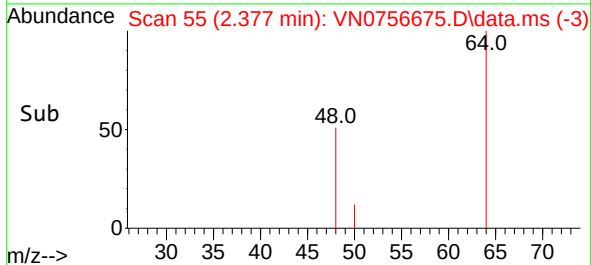
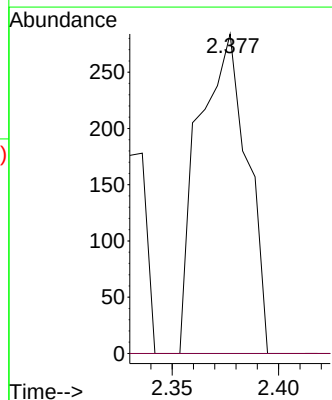
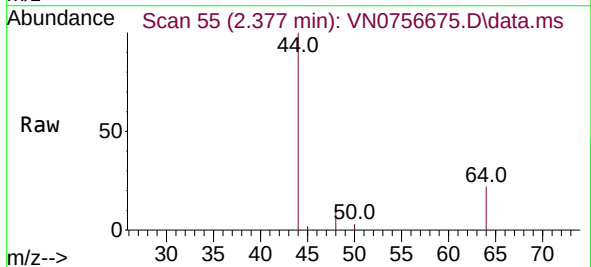
Instrument :
MSVOA_N
ClientSampleId :

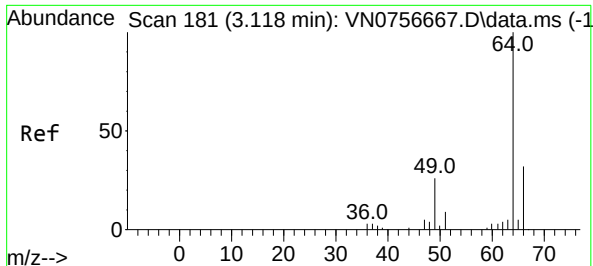
Tgt Ion:168 Resp: 223869
Ion Ratio Lower Upper
168 100
99 53.2 41.2 61.8



#3
Chloromethane
Concen: 0.230 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 0.0 27.9 41.9#

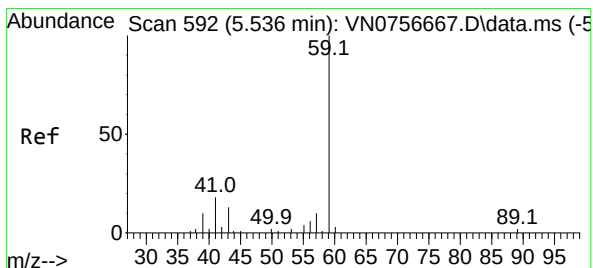
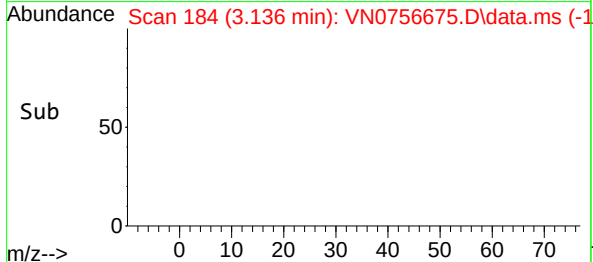
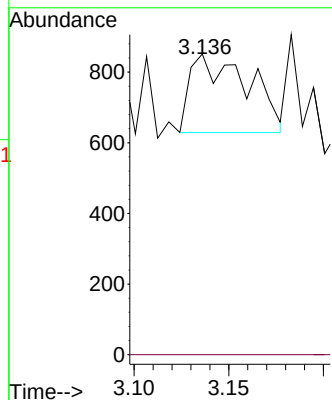
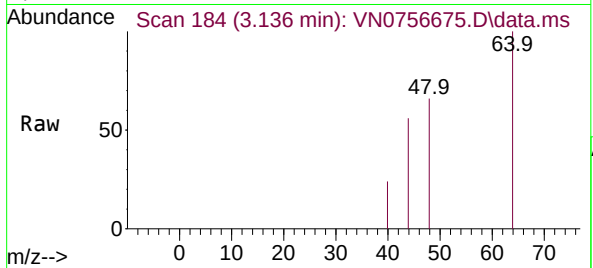




#6
Chloroethane
Concen: 0.261 ug/l
RT: 3.136 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

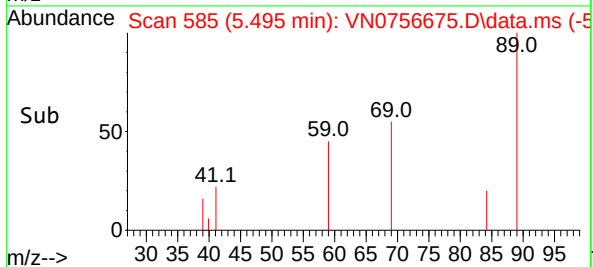
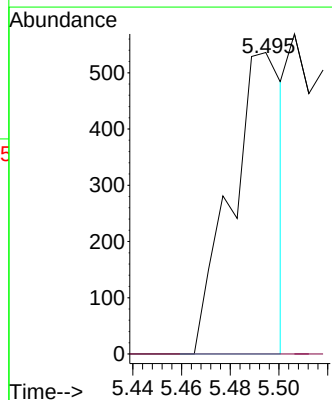
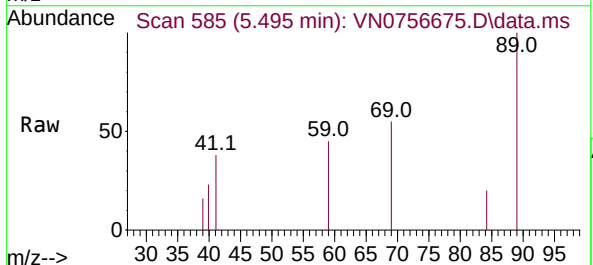
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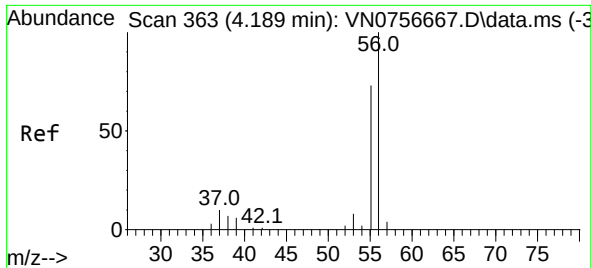
Tgt Ion: 64 Resp: 469
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#11
Tert butyl alcohol
Concen: 2.231 ug/l
RT: 5.495 min Scan# 585
Delta R.T. -0.041 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 59 Resp: 784
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.410 ug/l

RT: 4.159 min Scan# 3

Delta R.T. -0.029 min

Lab File: VN0756675.D

Acq: 09 Dec 2022 18:31

Instrument :

MSVOA_N

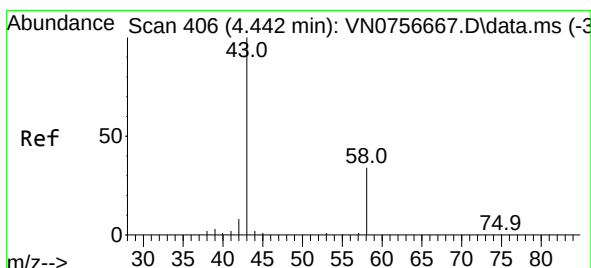
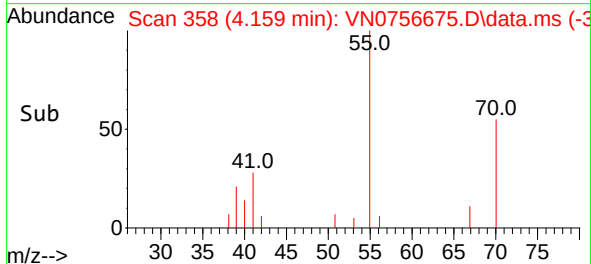
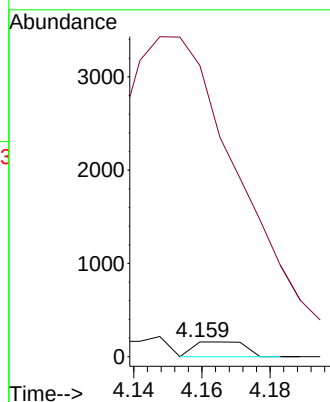
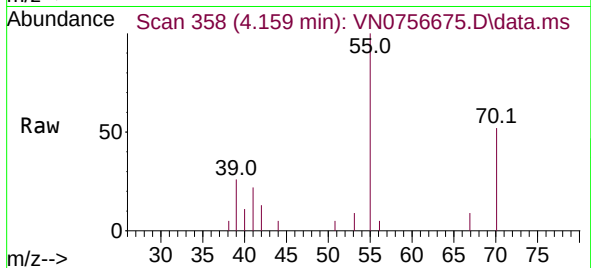
ClientSampleId :

Tgt Ion: 56 Resp: 166

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 1.800 ug/l

RT: 4.448 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN0756675.D

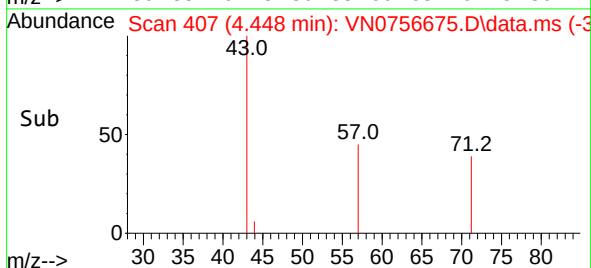
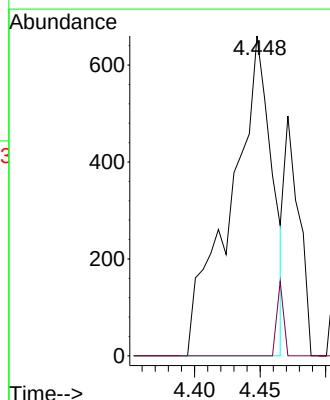
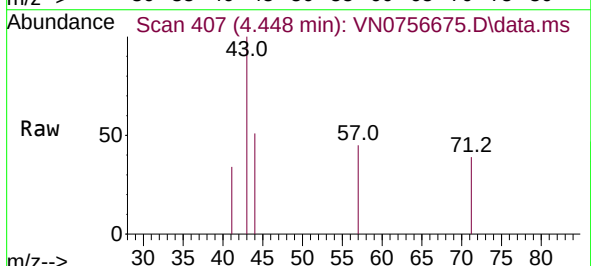
Acq: 09 Dec 2022 18:31

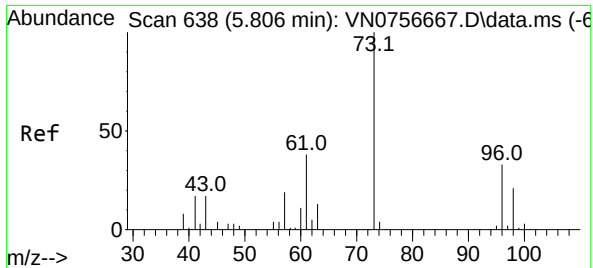
Tgt Ion: 43 Resp: 1448

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#

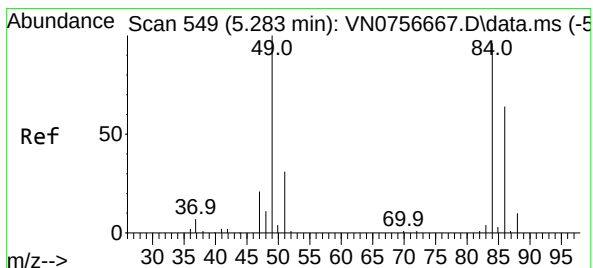
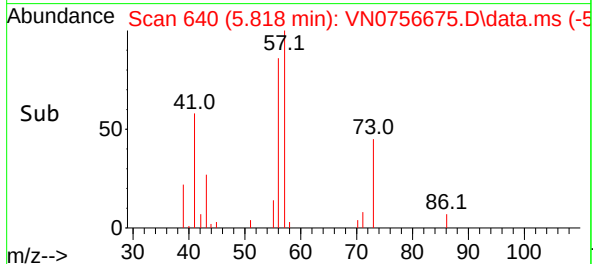
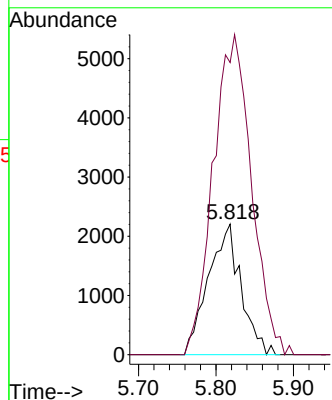
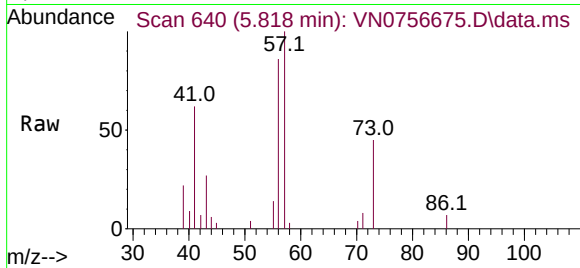




#19
Methyl tert-butyl Ether
Concen: 1.002 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

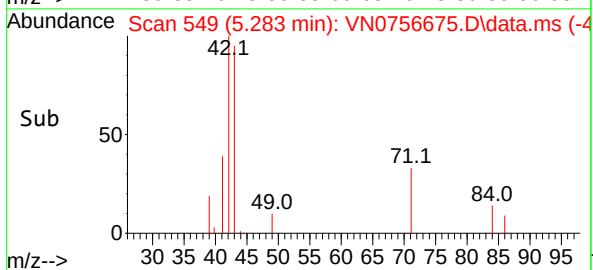
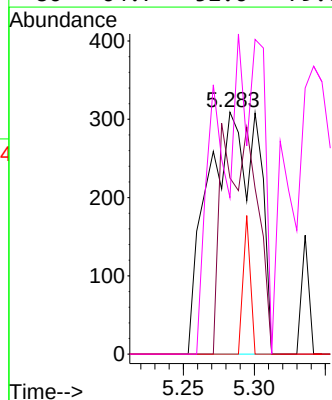
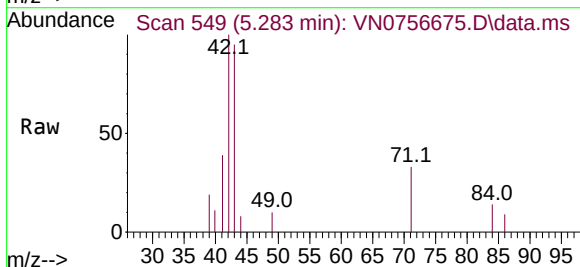
Instrument :
MSVOA_N
ClientSampleId :

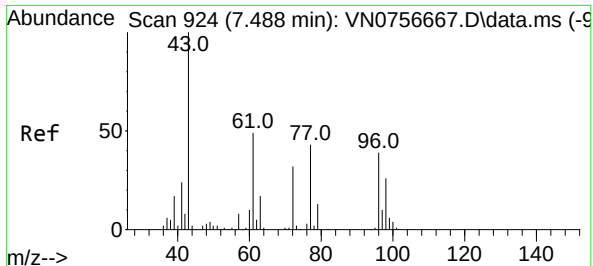
Tgt Ion: 73 Resp: 6465
Ion Ratio Lower Upper
73 100
57 223.9 15.1 22.7#



#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 84 Resp: 761
Ion Ratio Lower Upper
84 100
49 72.8 83.0 124.4#
51 0.0 26.0 39.0#
86 64.7 52.6 79.0





#25

2-Butanone

Concen: 1.081 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN0756675.D

Acq: 09 Dec 2022 18:31

Instrument :

MSVOA_N

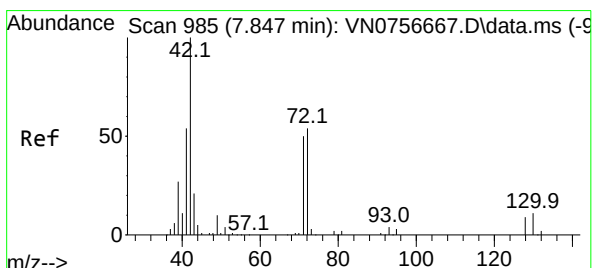
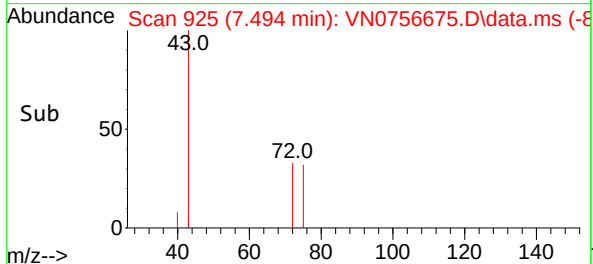
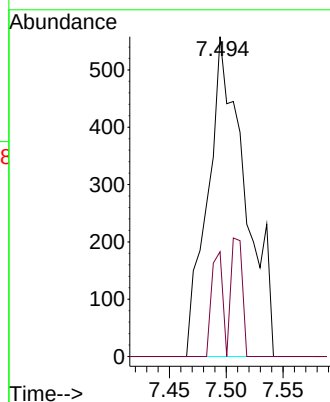
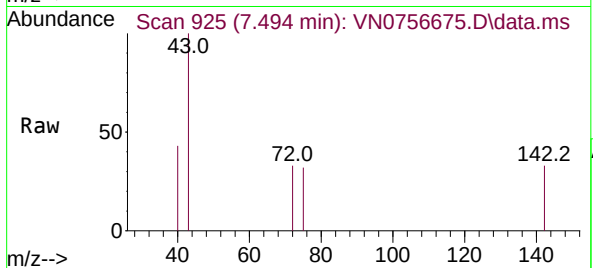
ClientSampleId :

Tgt Ion: 43 Resp: 1271

Ion Ratio Lower Upper

43 100

72 32.8 25.3 37.9



#29

Tetrahydrofuran

Concen: 0.207 ug/l

RT: 8.018 min Scan# 1014

Delta R.T. 0.171 min

Lab File: VN0756675.D

Acq: 09 Dec 2022 18:31

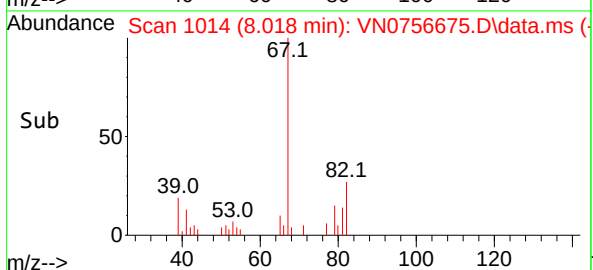
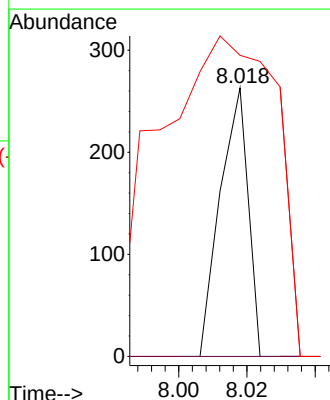
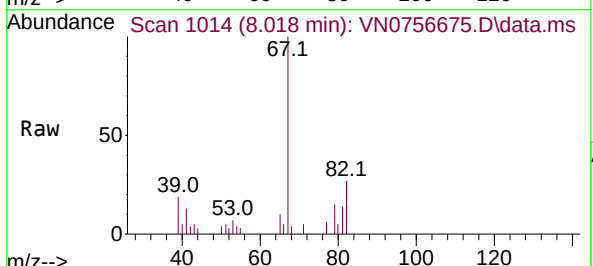
Tgt Ion: 42 Resp: 150

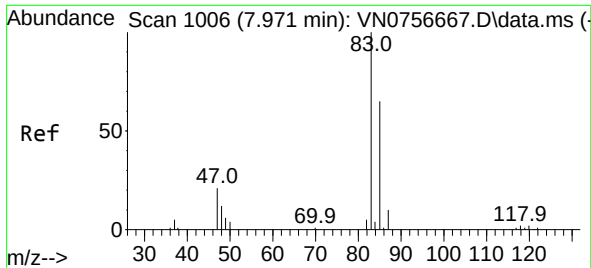
Ion Ratio Lower Upper

42 100

72 0.0 44.6 67.0#

71 498.0 41.2 61.8#





#30

Chloroform

Concen: 0.293 ug/l

RT: 7.936 min Scan# 1000

Delta R.T. -0.035 min

Lab File: VN0756675.D

Acq: 09 Dec 2022 18:31

Instrument :

MSVOA_N

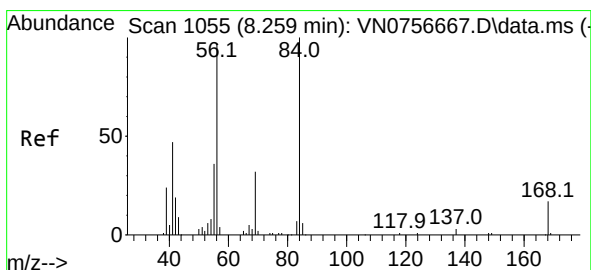
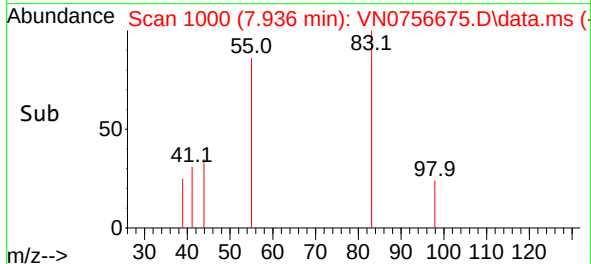
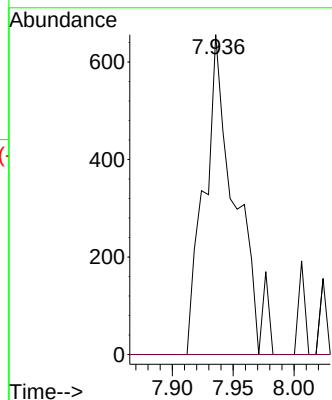
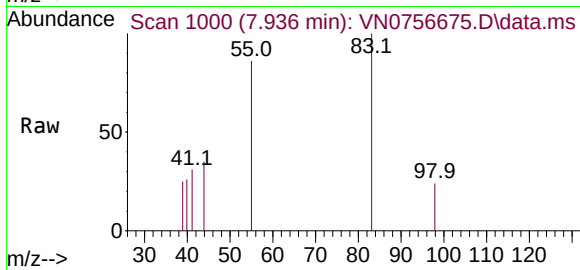
ClientSampleId :

Tgt Ion: 83 Resp: 1159

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#



#31

Cyclohexane

Concen: 6.076 ug/l

RT: 8.253 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VN0756675.D

Acq: 09 Dec 2022 18:31

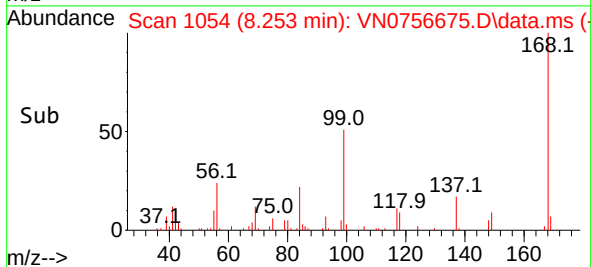
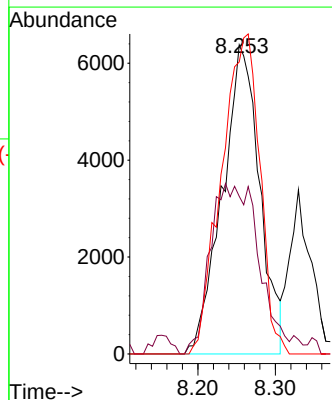
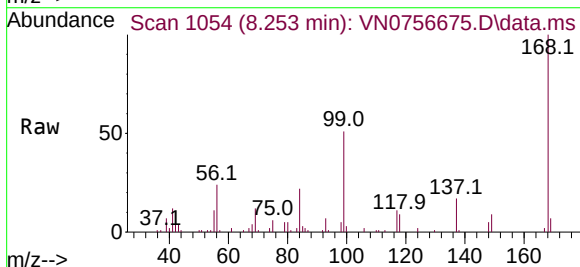
Tgt Ion: 56 Resp: 21370

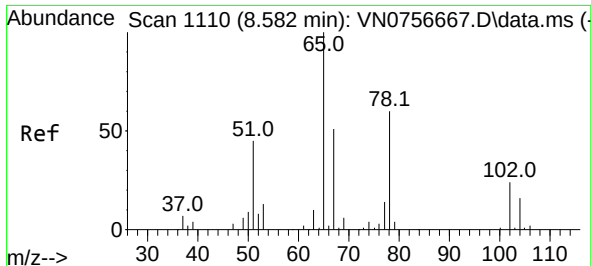
Ion Ratio Lower Upper

56 100

69 51.0 26.2 39.2#

84 94.5 82.8 124.2





#33

1,2-Dichloroethane-d4

Concen: 51.403 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN0756675.D

Acq: 09 Dec 2022 18:31

Instrument :

MSVOA_N

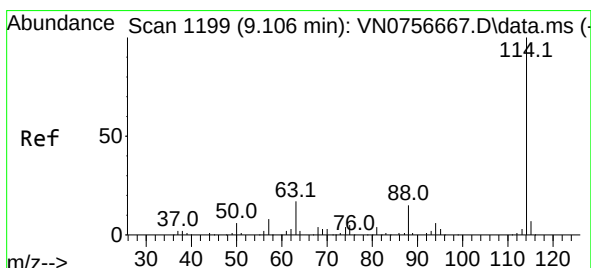
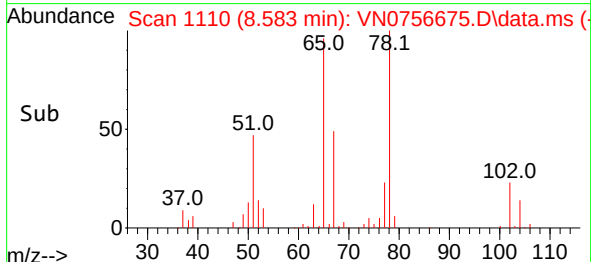
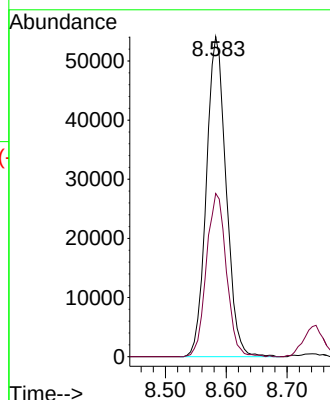
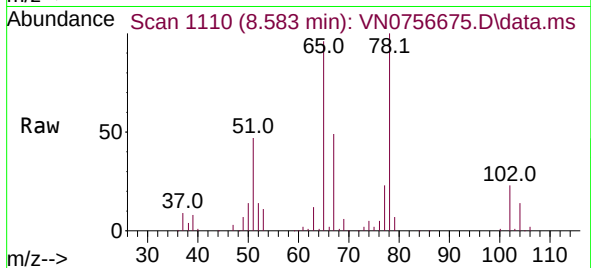
ClientSampleId :

Tgt Ion: 65 Resp: 122097

Ion Ratio Lower Upper

65 100

67 51.6 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: VN0756675.D

Acq: 09 Dec 2022 18:31

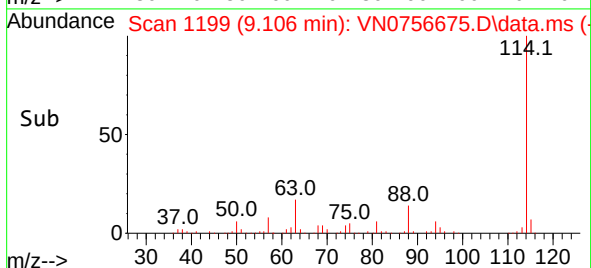
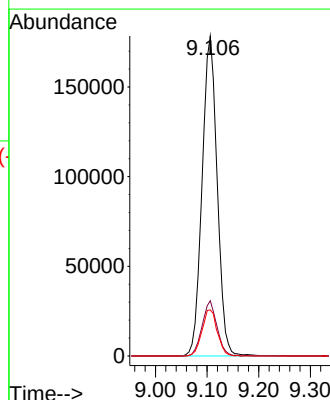
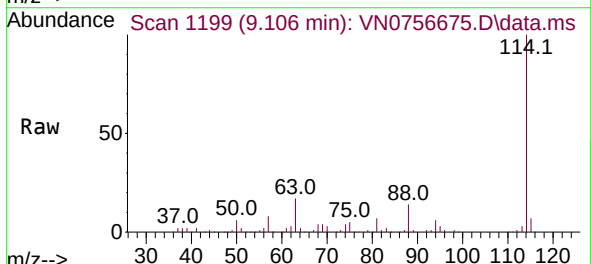
Tgt Ion:114 Resp: 361799

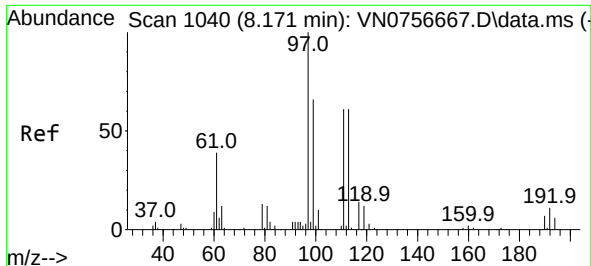
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

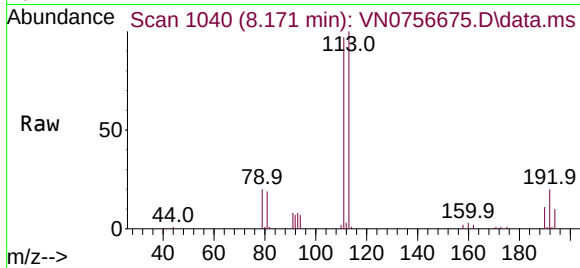
88 14.4 0.0 29.2



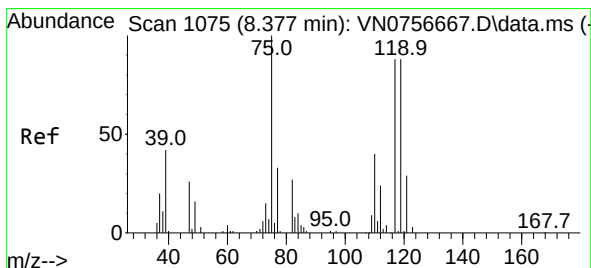
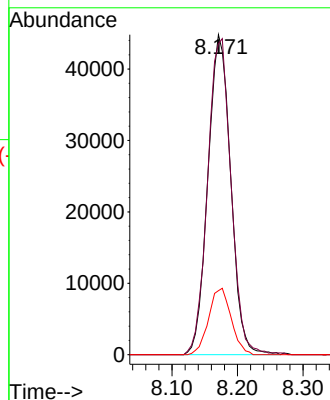
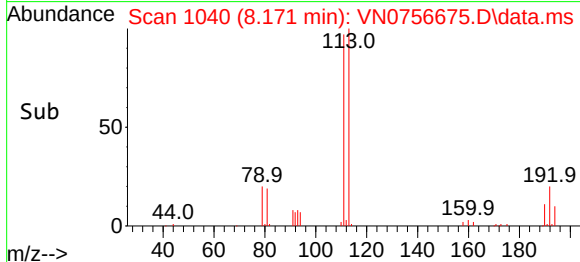


#35
Dibromofluoromethane
Concen: 49.110 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :

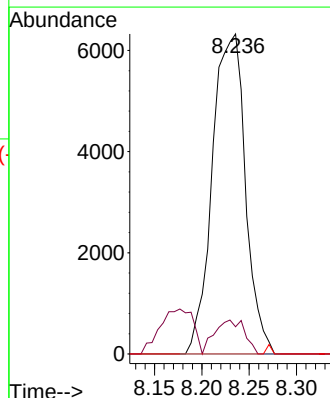
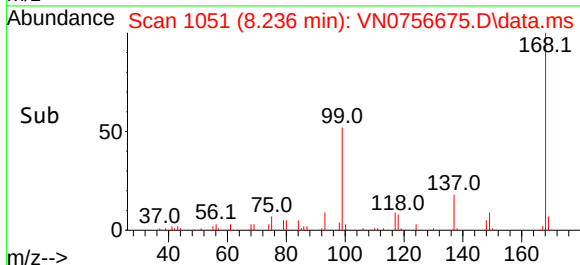
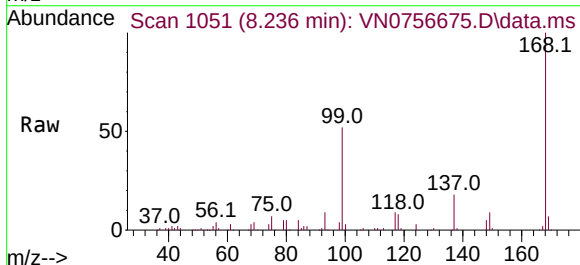


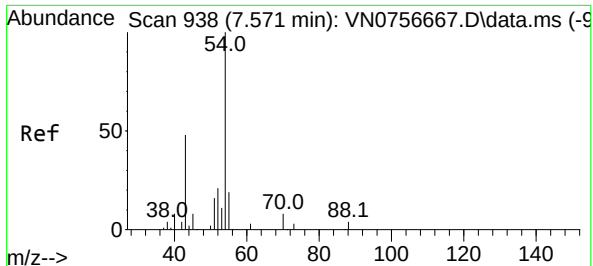
Tgt Ion:113 Resp: 108405
Ion Ratio Lower Upper
113 100
111 101.6 81.0 121.6
192 20.5 16.2 24.2



#36
1,1-Dichloropropene
Concen: 5.246 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

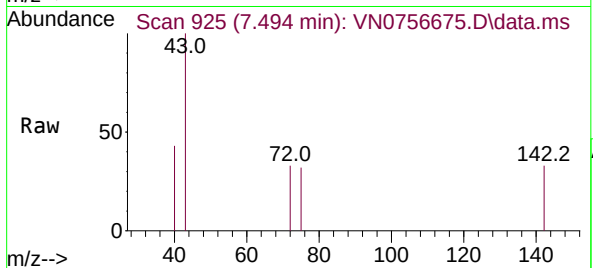
Tgt Ion: 75 Resp: 15376
Ion Ratio Lower Upper
75 100
110 9.6 18.9 56.9#
77 0.0 25.4 38.2#



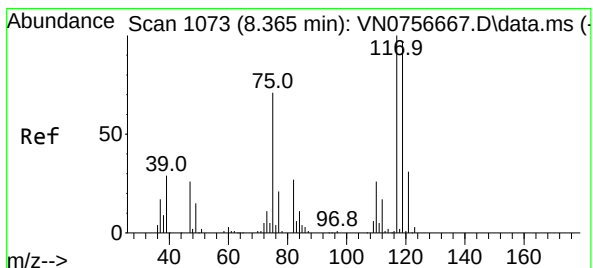
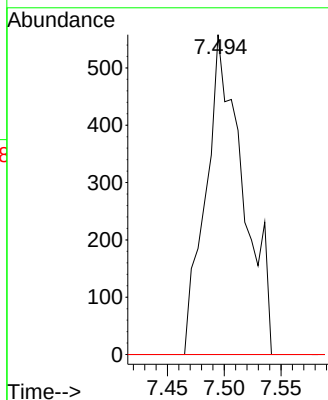
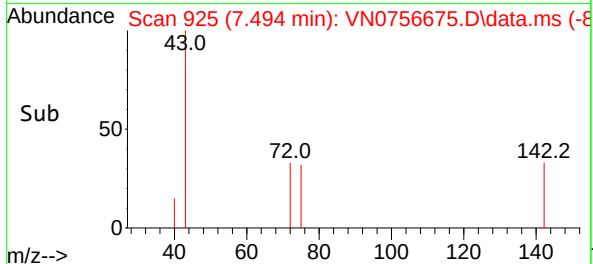


#37
Ethyl Acetate
Concen: 0.540 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.076 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

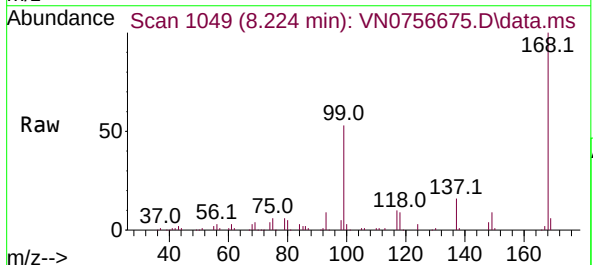
Instrument :
MSVOA_N
ClientSampleId :



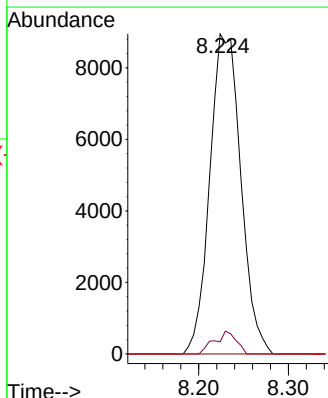
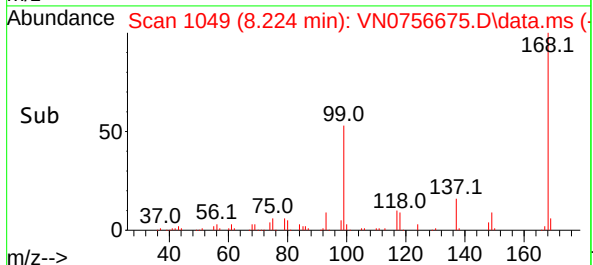
Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
61 0.0 13.3 19.9#
70 0.0 9.9 14.9#

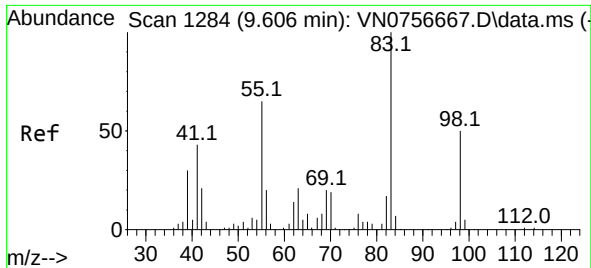


#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31



Tgt Ion: 117 Resp: 21463
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 24.6 37.0#

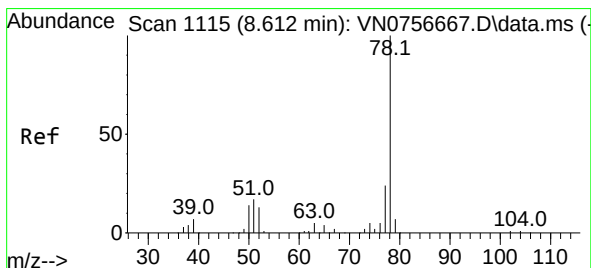
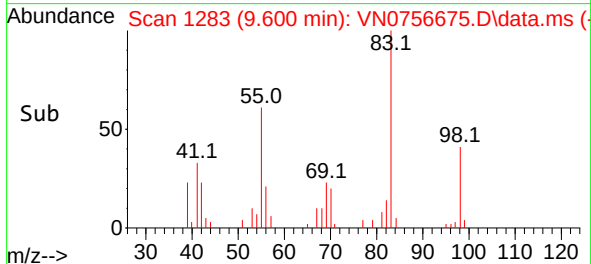
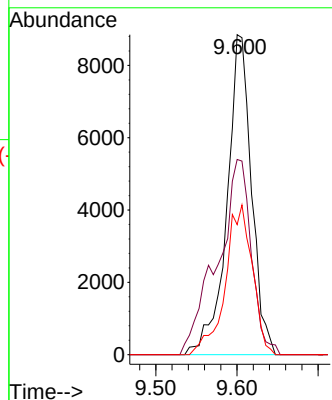
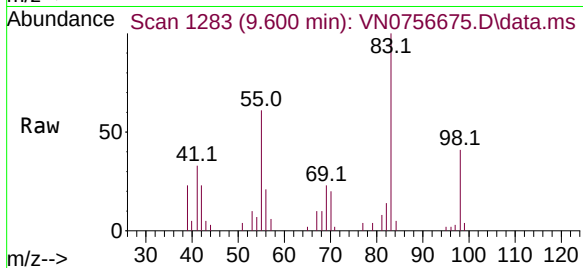




#39
Methylcyclohexane
Concen: 5.007 ug/l
RT: 9.600 min Scan# 11283
Delta R.T. -0.006 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

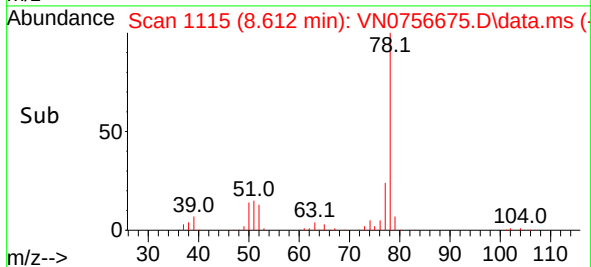
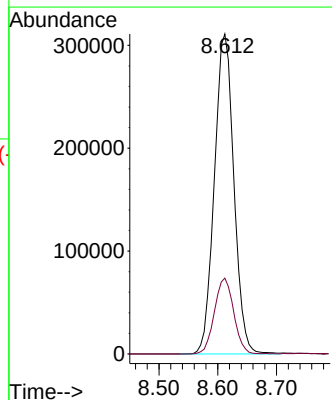
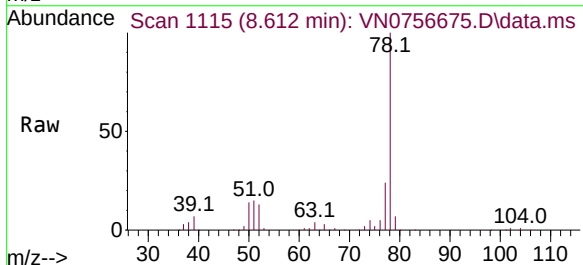
Instrument :
MSVOA_N
ClientSampleId :

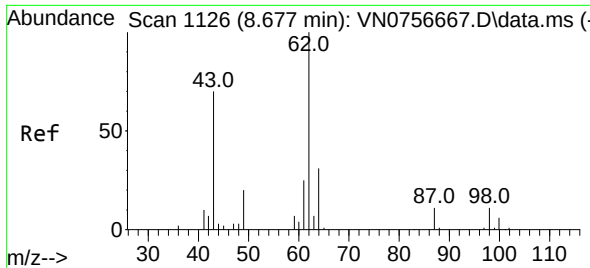
Tgt Ion: 83 Resp: 18610
Ion Ratio Lower Upper
83 100
55 61.0 51.6 77.4
98 40.7 39.8 59.8



#40
Benzene
Concen: 79.713 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 78 Resp: 717040
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

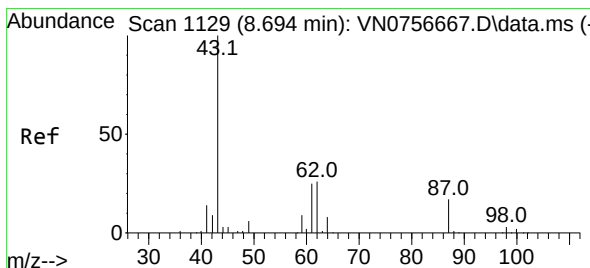
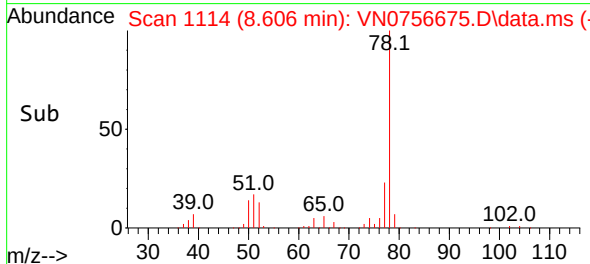
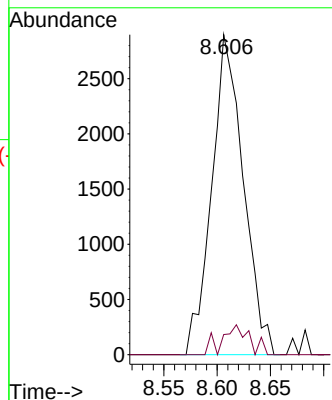
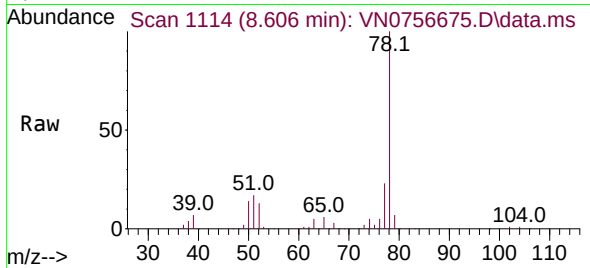




#42
1,2-Dichloroethane
Concen: 1.991 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.070 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

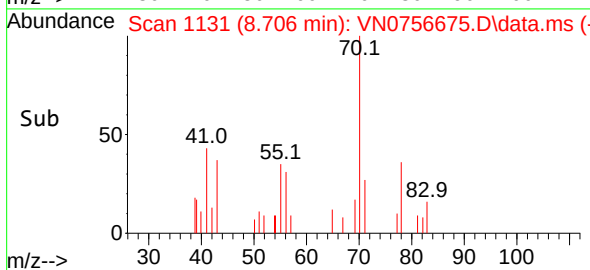
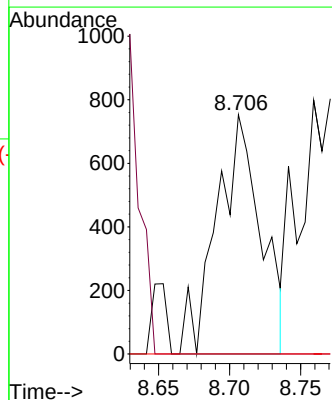
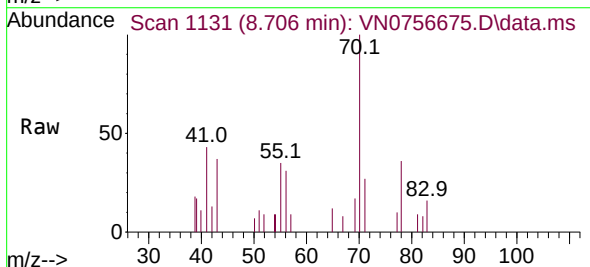
Instrument :
MSVOA_N
ClientSampleId :

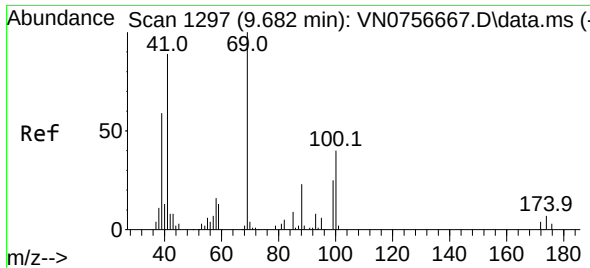
Tgt Ion: 62 Resp: 5990
Ion Ratio Lower Upper
62 100
98 8.1 0.0 21.8



#43
Isopropyl Acetate
Concen: 0.415 ug/l
RT: 8.706 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 43 Resp: 1632
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.8#
87 0.0 13.7 20.5#

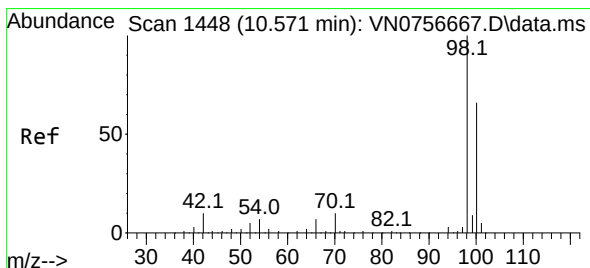
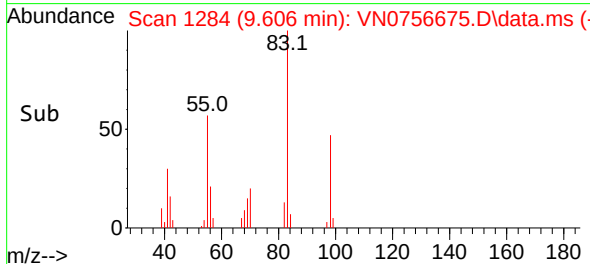
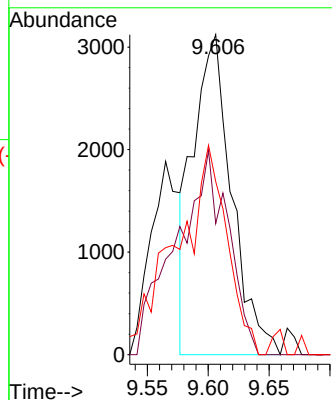
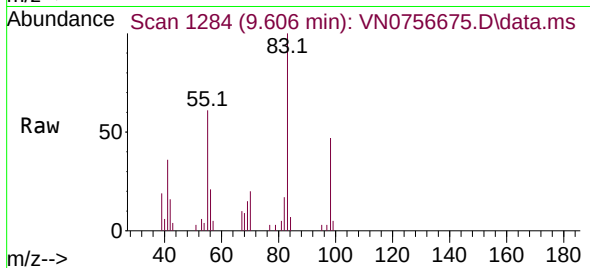




#48
Methyl methacrylate
Concen: 3.799 ug/l
RT: 9.606 min Scan# 11
Delta R.T. -0.076 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

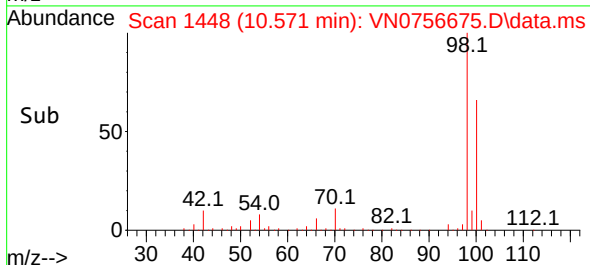
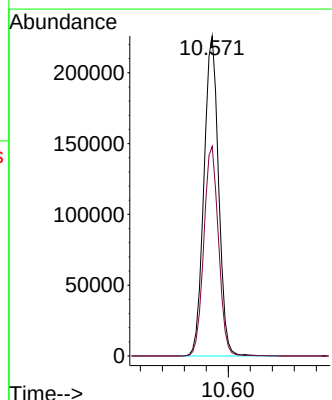
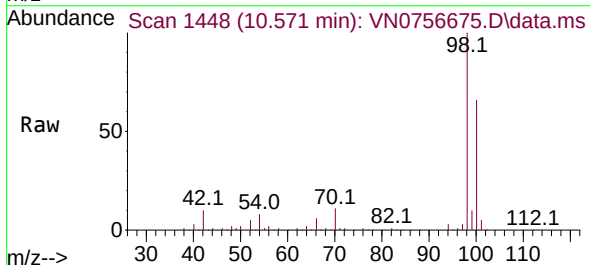
Instrument :
MSVOA_N
ClientSampleId :

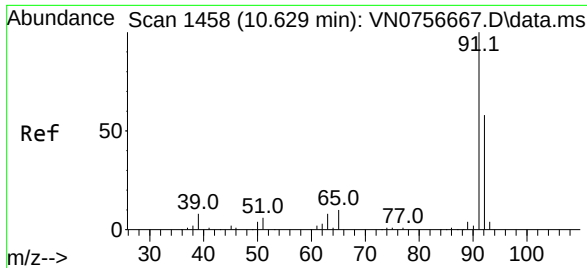
Tgt Ion: 41 Resp: 6875
Ion Ratio Lower Upper
41 100
69 85.6 82.5 123.7
39 85.9 53.2 79.8#



#50
Toluene-d8
Concen: 50.293 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 98 Resp: 416912
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

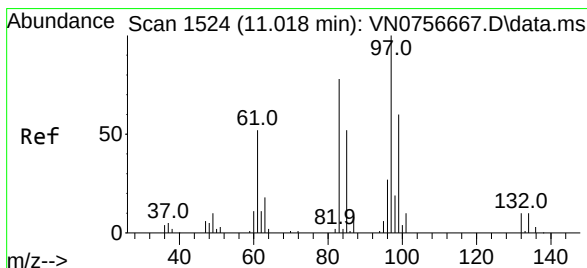
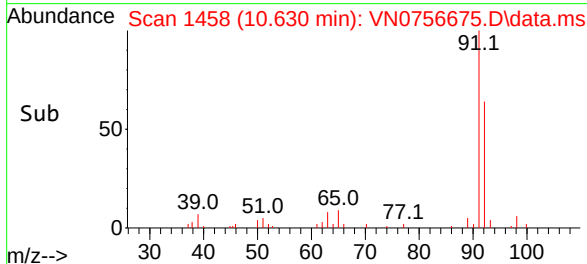
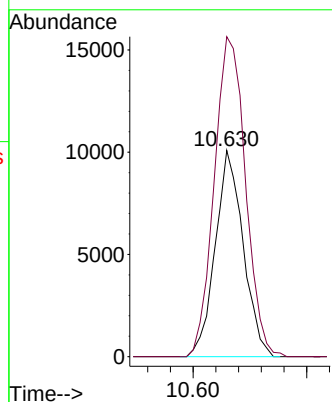
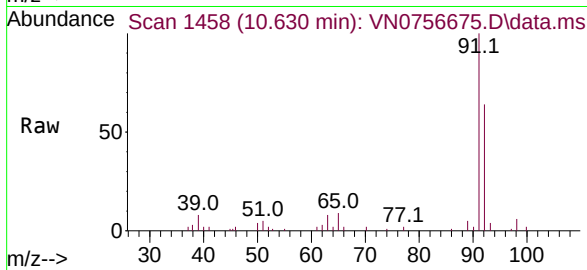




#52
Toluene
Concen: 2.893 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

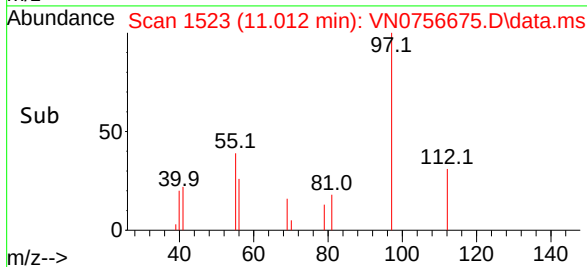
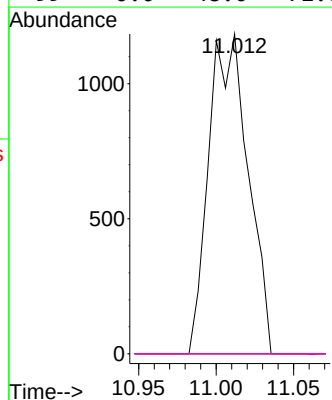
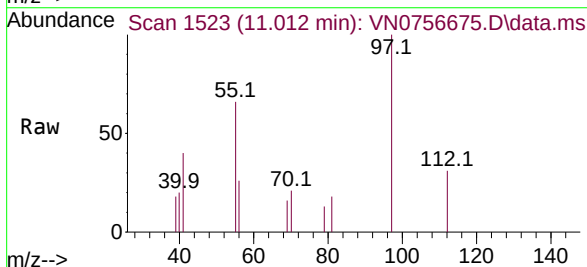
Instrument :
MSVOA_N
ClientSampleId :

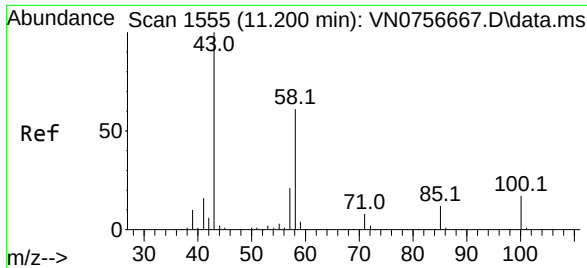
Tgt Ion: 92 Resp: 17203
Ion Ratio Lower Upper
92 100
91 173.6 137.9 206.9



#55
1,1,2-Trichloroethane
Concen: 0.892 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 97 Resp: 2086
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#

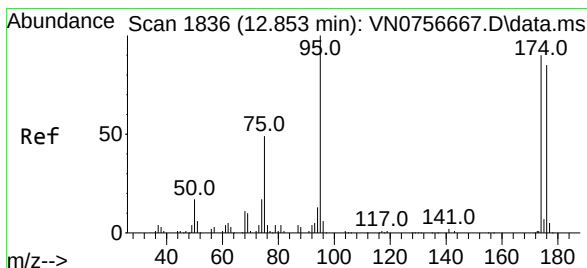
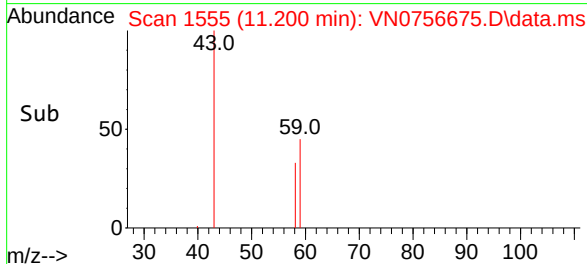
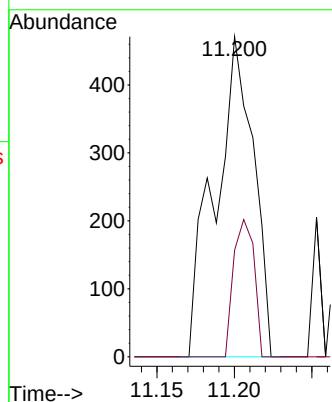
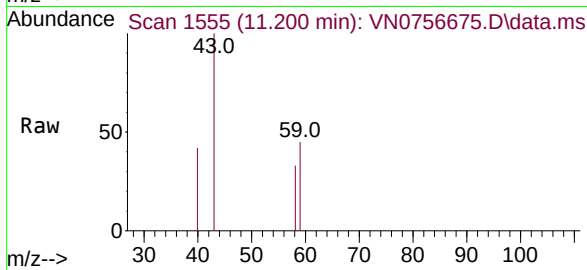




#59
2-Hexanone
Concen: 0.464 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

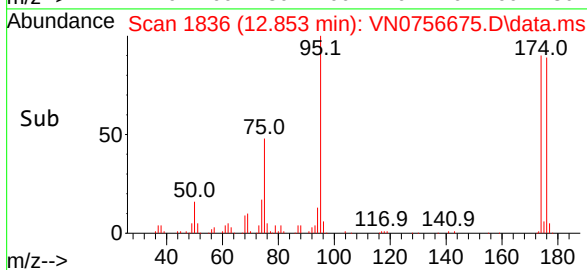
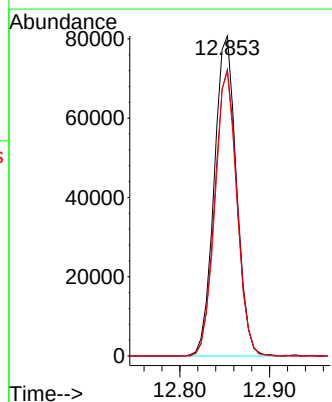
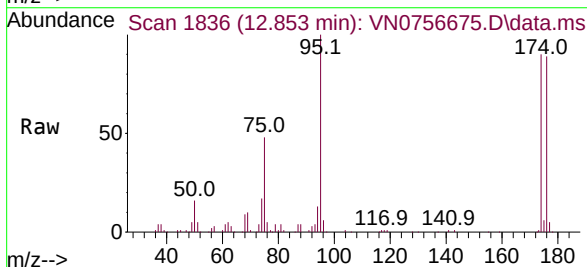
Instrument :
MSVOA_N
ClientSampleId :

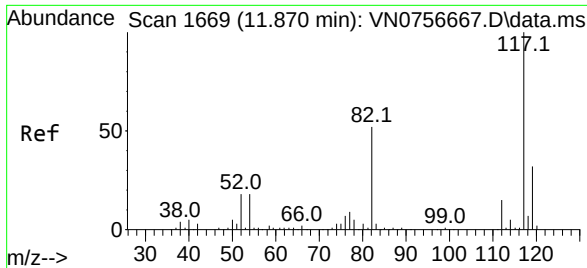
Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
58 22.8 30.9 92.5#



#62
4-Bromofluorobenzene
Concen: 48.821 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 95 Resp: 138375
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.6
176 87.5 0.0 170.8

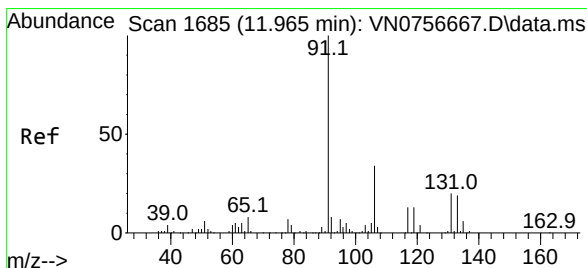
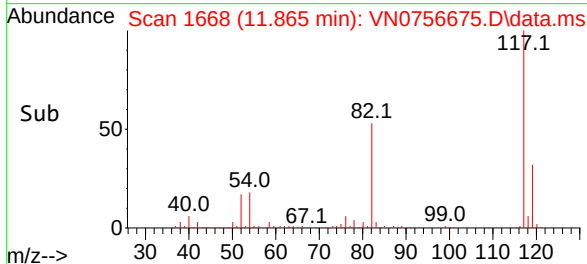
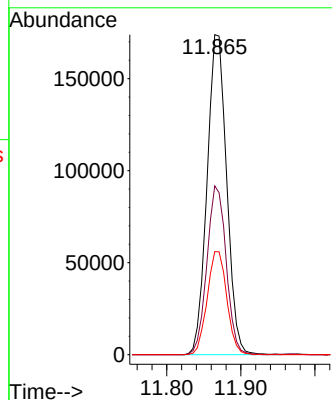
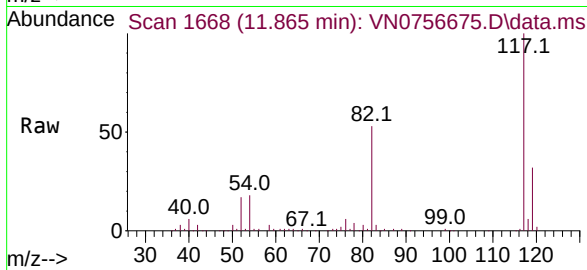




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

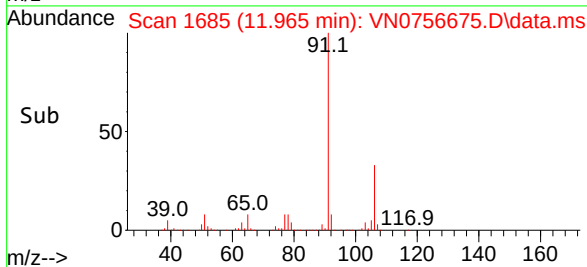
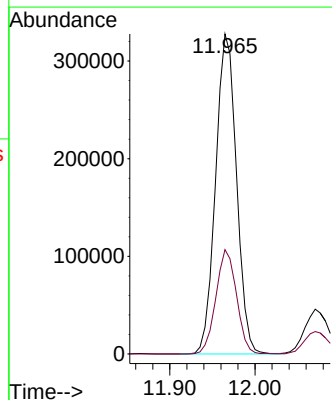
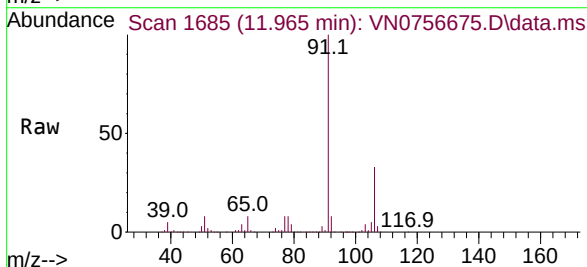
Instrument :
MSVOA_N
ClientSampleId :

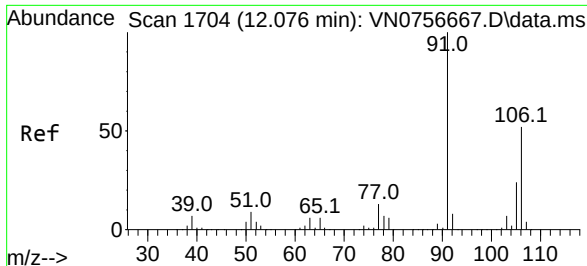
Tgt Ion:117 Resp: 319736
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 32.2 25.8 38.6



#67
Ethyl Benzene
Concen: 50.283 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 91 Resp: 559609
Ion Ratio Lower Upper
91 100
106 32.6 26.9 40.3

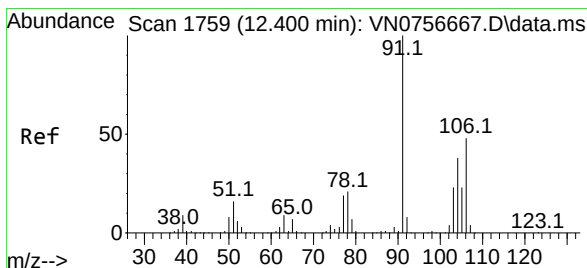
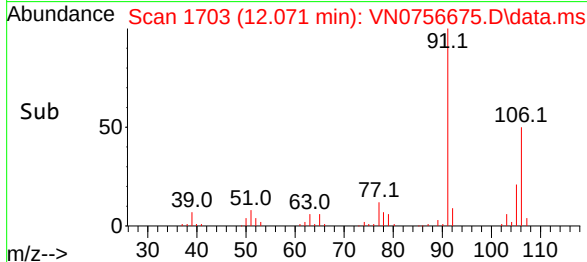
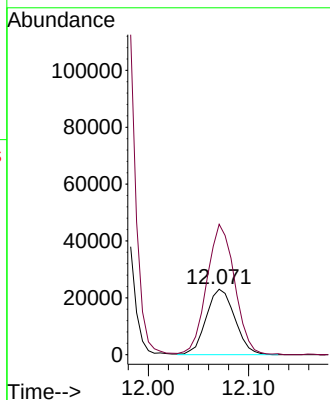
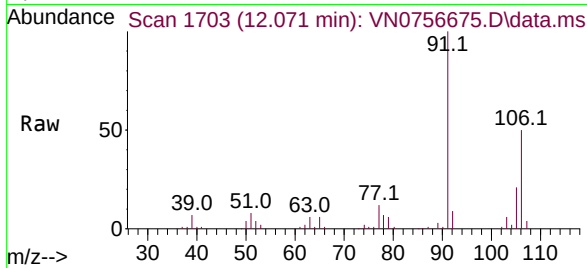




#68
m/p-Xylenes
Concen: 10.153 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

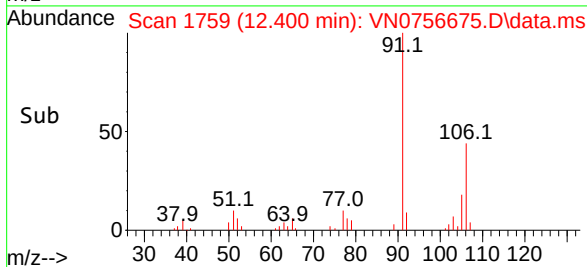
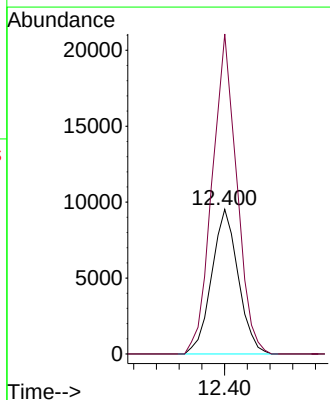
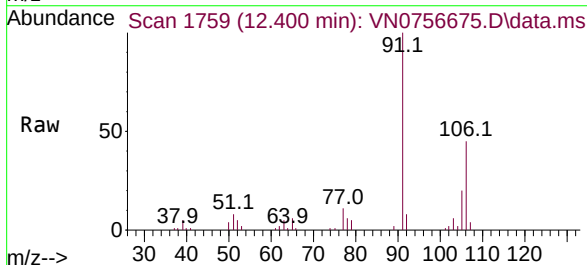
Instrument :
MSVOA_N
ClientSampleId :

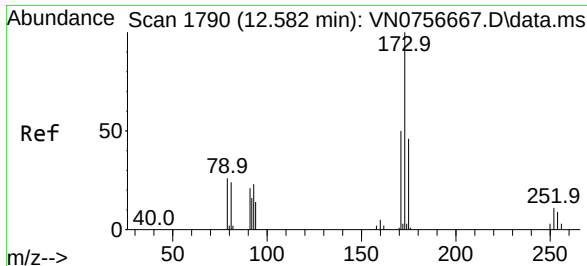
Tgt Ion:106 Resp: 45658
Ion Ratio Lower Upper
106 100
91 194.7 156.2 234.4



#69
o-Xylene
Concen: 3.548 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

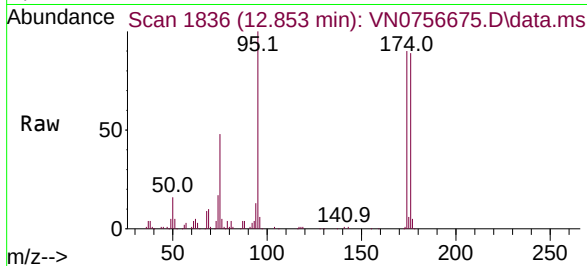
Tgt Ion:106 Resp: 15481
Ion Ratio Lower Upper
106 100
91 205.2 102.8 308.5



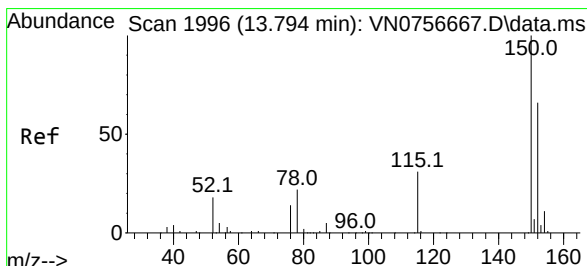
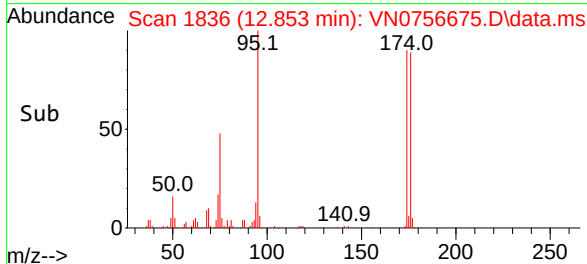
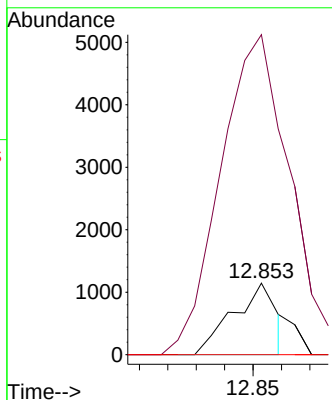


#71
Bromoform
Concen: 0.670 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :

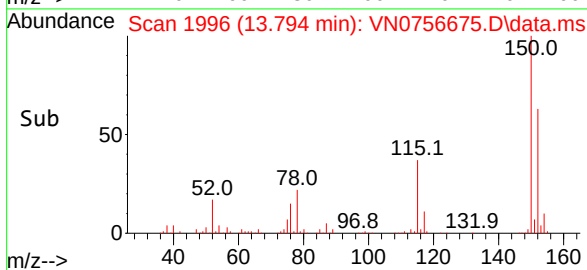
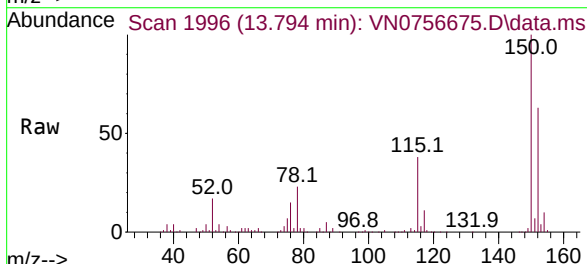
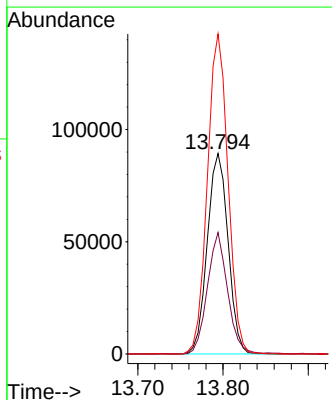


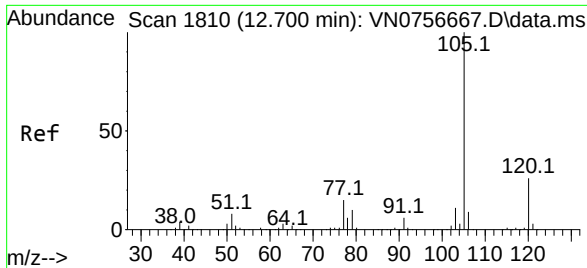
Tgt Ion:173 Resp: 1215
Ion Ratio Lower Upper
173 100
175 587.6 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion:152 Resp: 151258
Ion Ratio Lower Upper
152 100
115 59.2 28.4 85.2
150 158.1 0.0 347.6

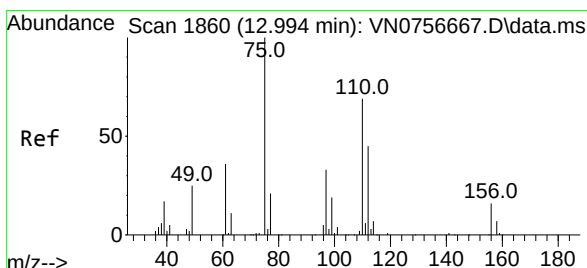
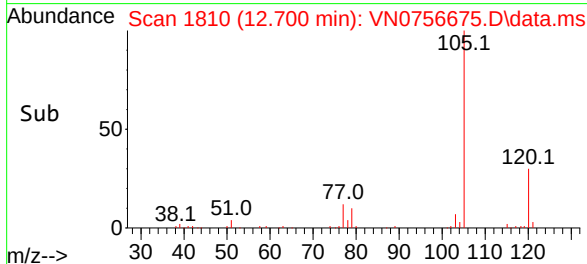
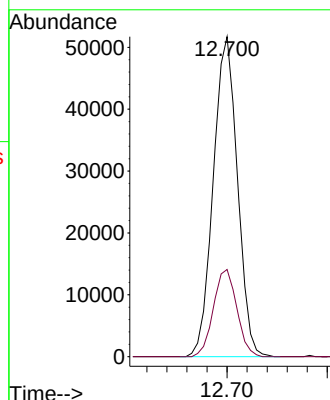
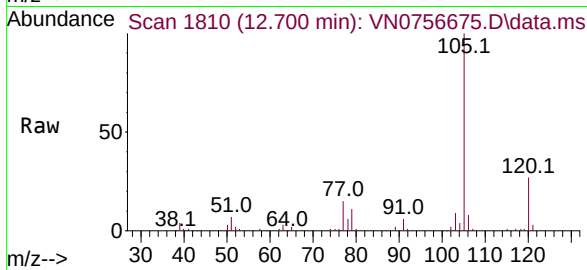




#73
Isopropylbenzene
Concen: 7.962 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

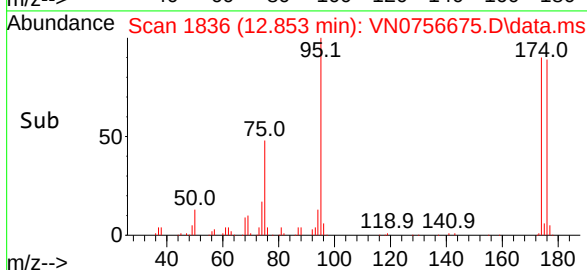
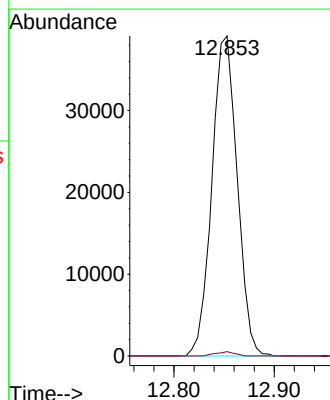
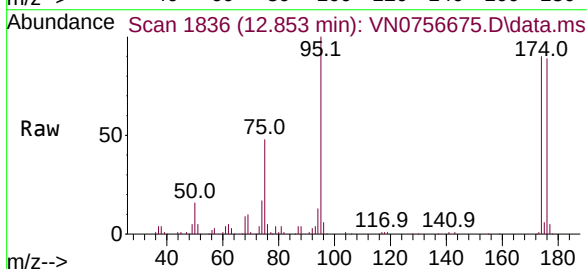
Instrument :
MSVOA_N
ClientSampleId :

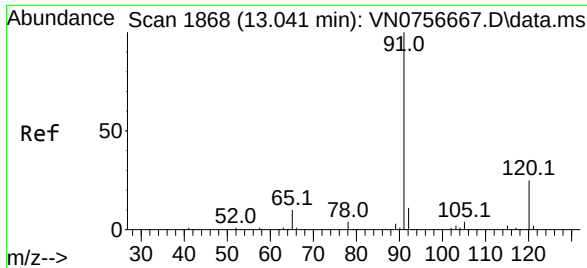
Tgt Ion:105 Resp: 86475
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2



#76
1,2,3-Trichloropropane
Concen: 22.567 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 75 Resp: 68549
Ion Ratio Lower Upper
75 100
77 1.0 81.8 245.4#

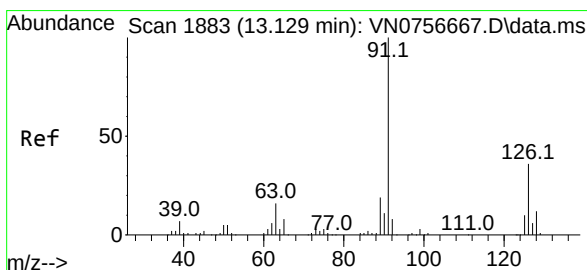
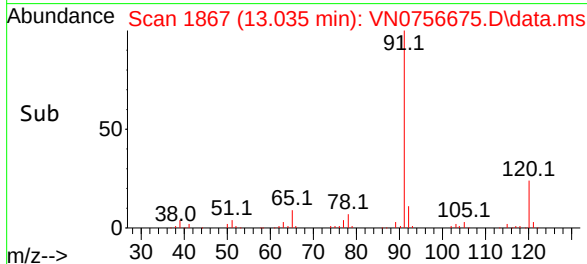
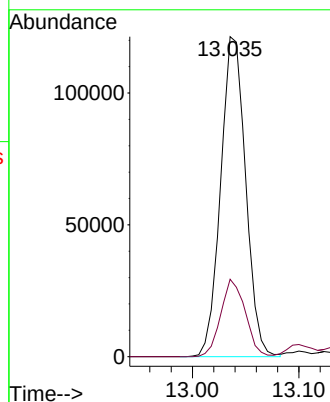
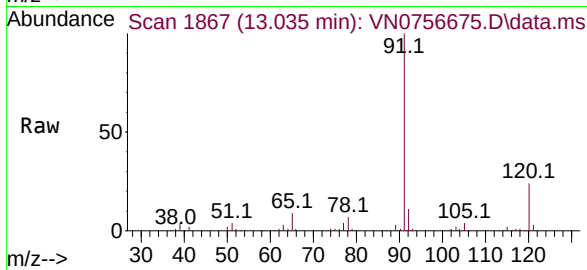




#78
n-propylbenzene
Concen: 16.430 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

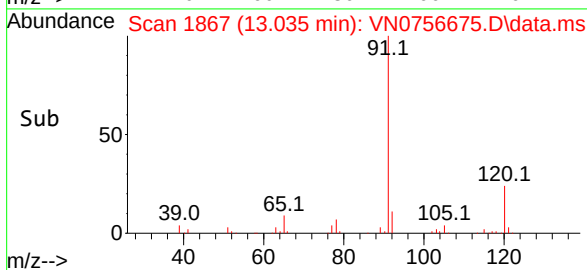
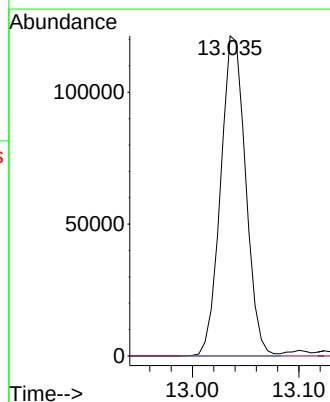
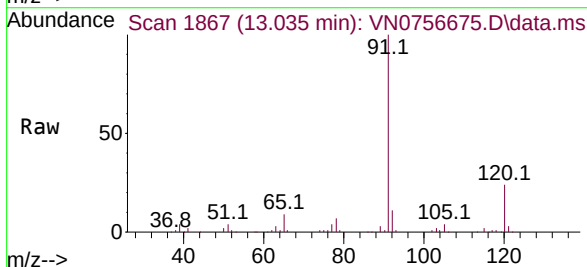
Instrument :
MSVOA_N
ClientSampleId :

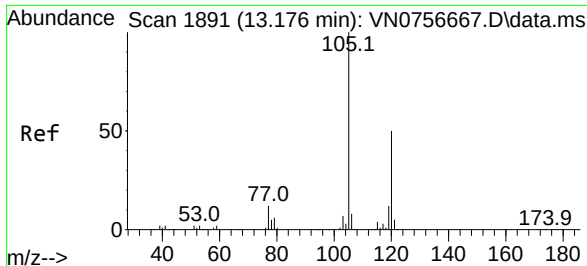
Tgt Ion: 91 Resp: 198010
Ion Ratio Lower Upper
91 100
120 23.7 12.1 36.3



#79
2-Chlorotoluene
Concen: 26.613 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.094 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 91 Resp: 198010
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.4#

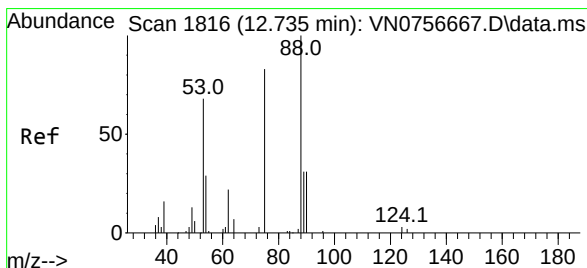
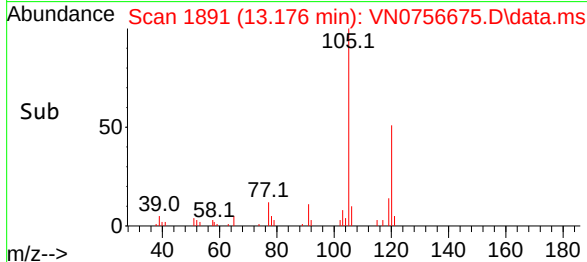
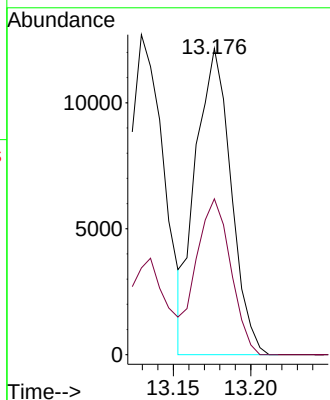
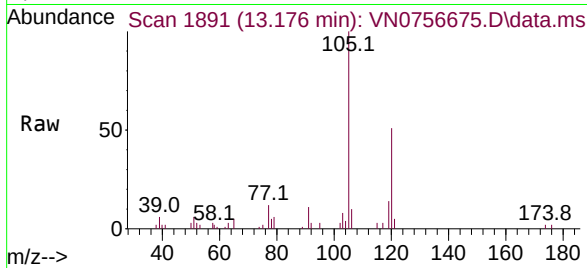




#80
1,3,5-Trimethylbenzene
Concen: 2.122 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

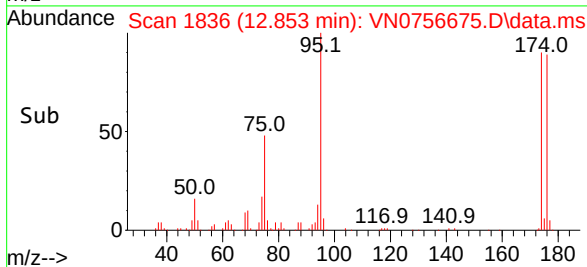
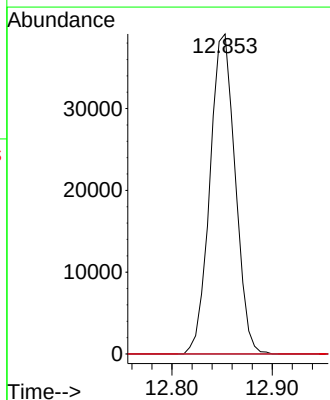
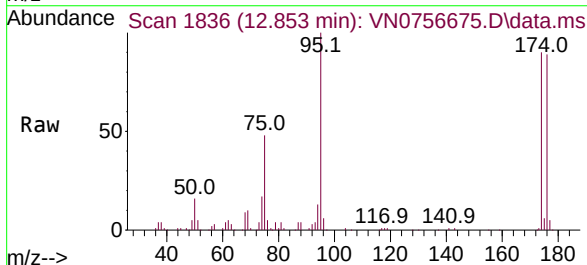
Instrument :
MSVOA_N
ClientSampleId :

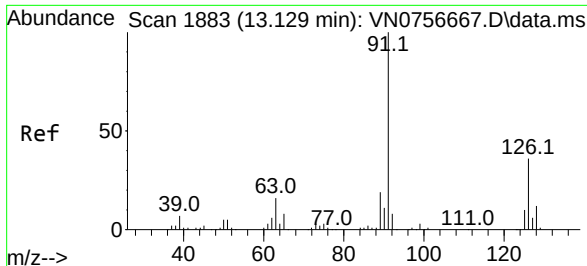
Tgt Ion:105 Resp: 19272
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.6



#81
trans-1,4-Dichloro-2-butene
Concen: 72.260 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 75 Resp: 68549
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#

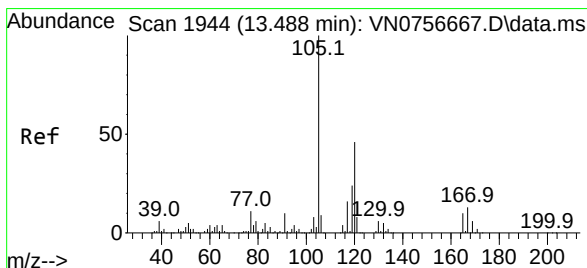
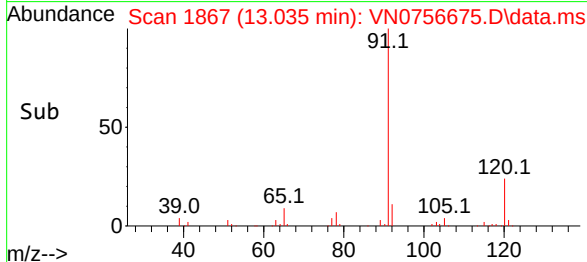
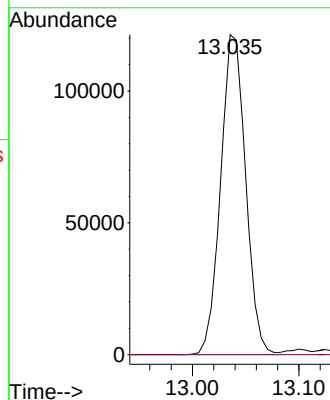
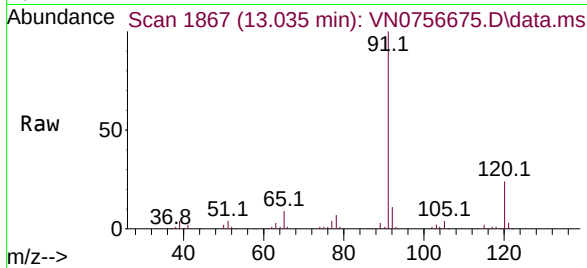




#82
4-Chlorotoluene
Concen: 26.613 ug/l
RT: 13.035 min Scan# 1883
Delta R.T. -0.094 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

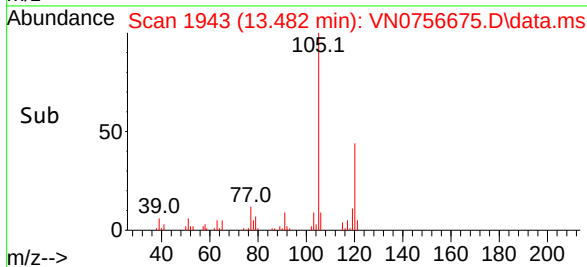
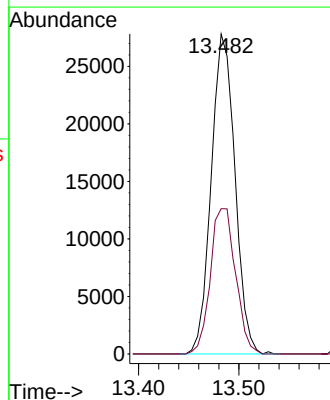
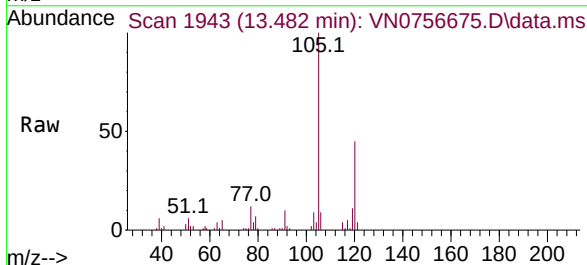
Instrument :
MSVOA_N
ClientSampleId :

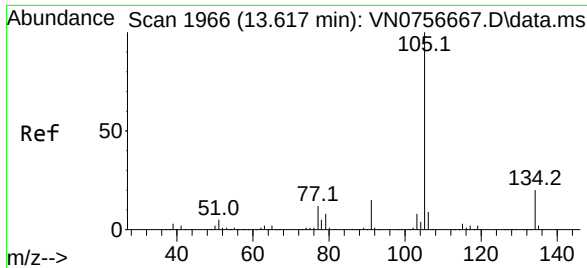
Tgt Ion: 91 Resp: 198010
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.4#



#84
1,2,4-Trimethylbenzene
Concen: 5.011 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN0756675.D
Acq: 09 Dec 2022 18:31

Tgt Ion: 105 Resp: 45731
Ion Ratio Lower Upper
105 100
120 48.3 23.1 69.2

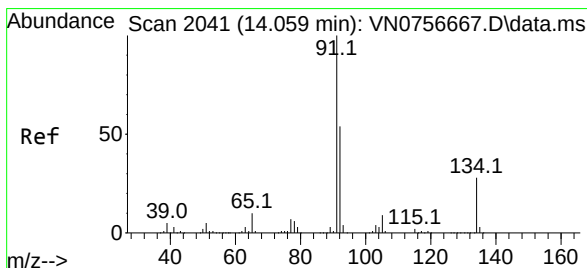
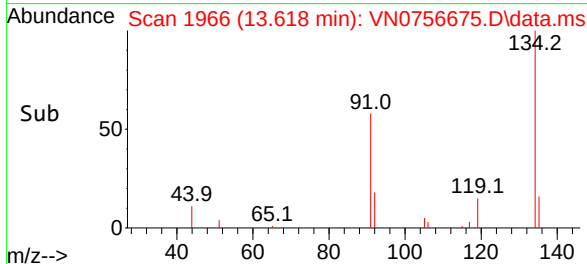
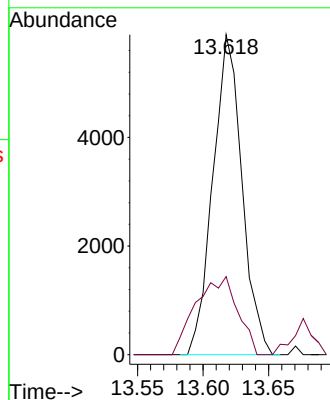
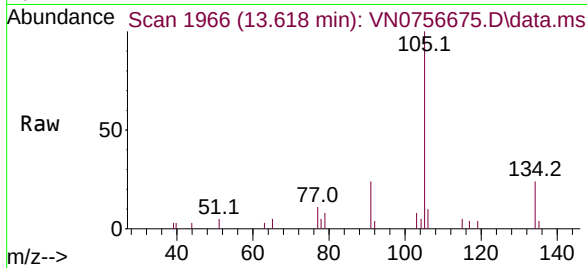




#85
 sec-Butylbenzene
 Concen: 0.801 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN0756675.D
 Acq: 09 Dec 2022 18:31

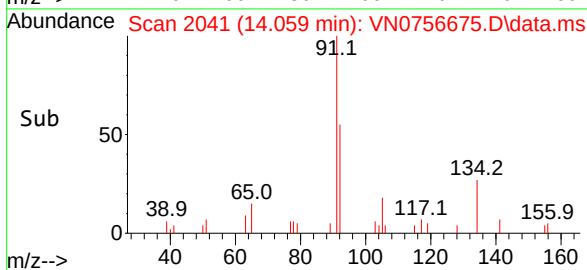
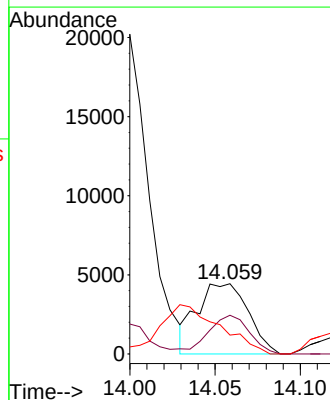
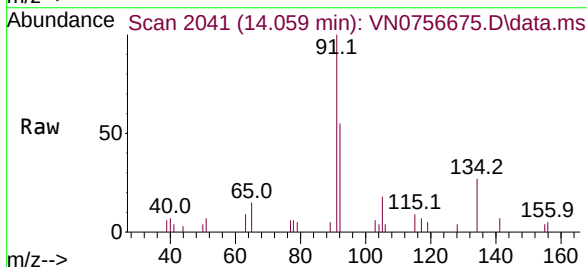
Instrument :
 MSVOA_N
 ClientSampleId :

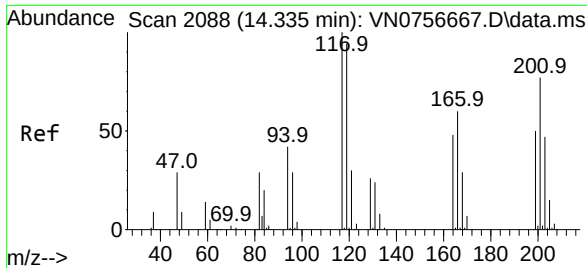
Tgt Ion:105 Resp: 9071
 Ion Ratio Lower Upper
 105 100
 134 35.1 10.2 30.6#



#89
 n-Butylbenzene
 Concen: 1.217 ug/l
 RT: 14.059 min Scan# 2041
 Delta R.T. 0.000 min
 Lab File: VN0756675.D
 Acq: 09 Dec 2022 18:31

Tgt Ion: 91 Resp: 9242
 Ion Ratio Lower Upper
 91 100
 92 45.1 26.7 80.1
 134 0.0 13.9 41.7#

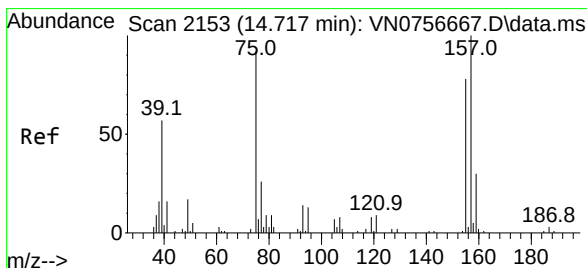
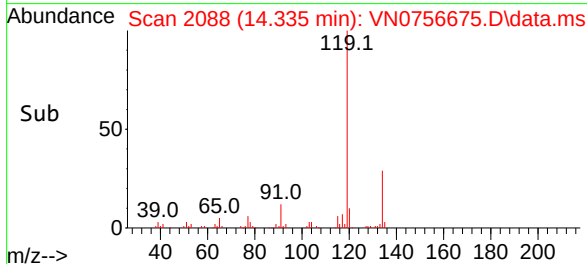
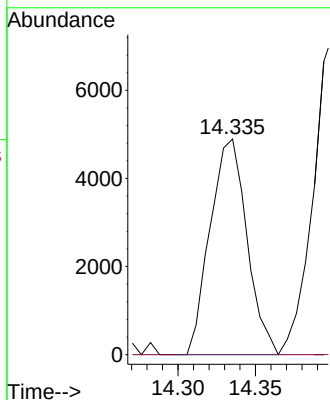
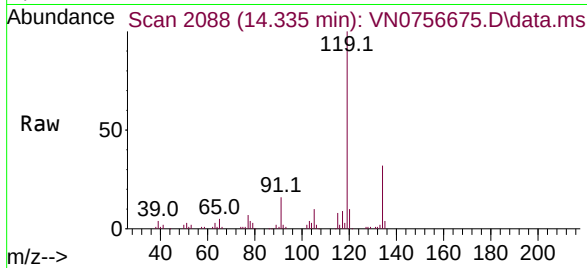




#90
 Hexachloroethane
 Concen: 4.980 ug/l
 RT: 14.335 min Scan# 2088
 Delta R.T. 0.000 min
 Lab File: VN0756675.D
 Acq: 09 Dec 2022 18:31

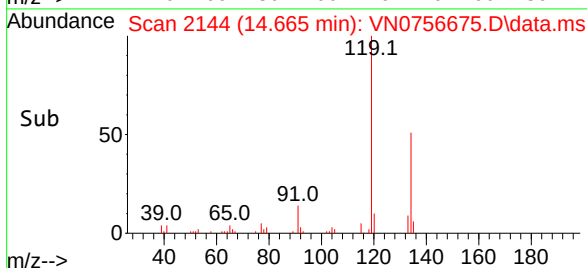
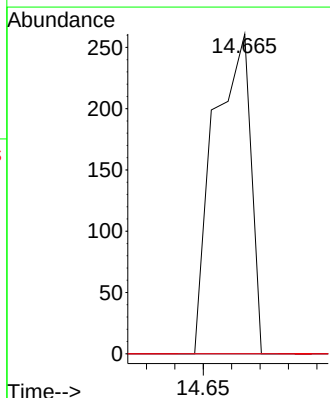
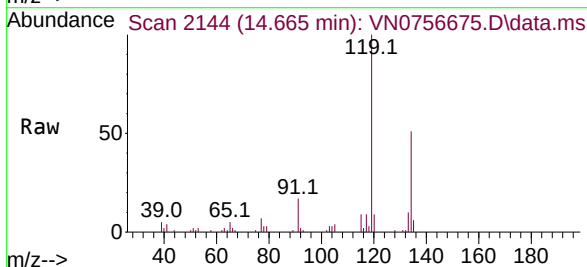
Instrument : MSVOA_N
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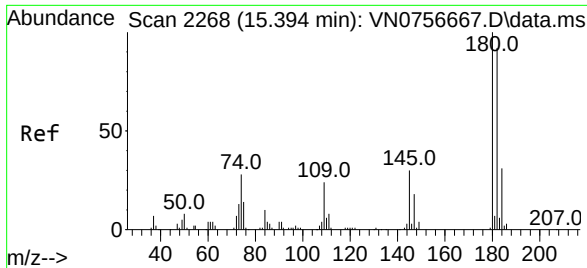
Tgt Ion: 117 Resp: 8079
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.2 117.6#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.438 ug/l
 RT: 14.665 min Scan# 2144
 Delta R.T. -0.053 min
 Lab File: VN0756675.D
 Acq: 09 Dec 2022 18:31

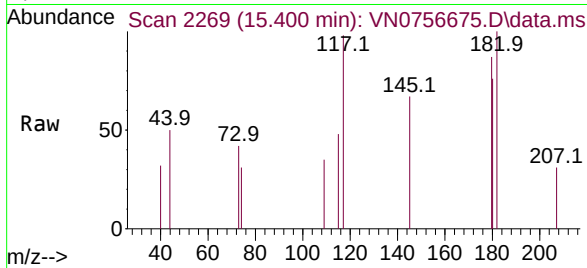
Tgt Ion: 75 Resp: 235
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.4 145.2#
 157 0.0 63.5 190.6#



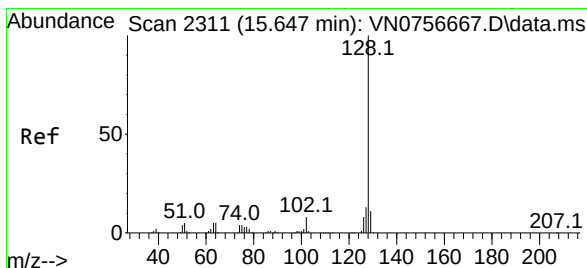
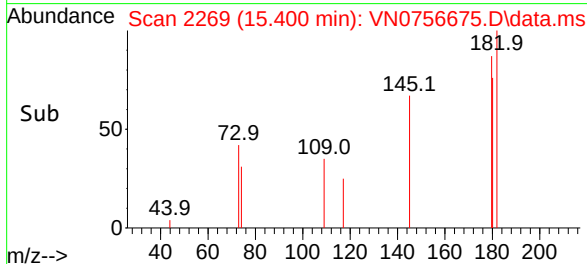
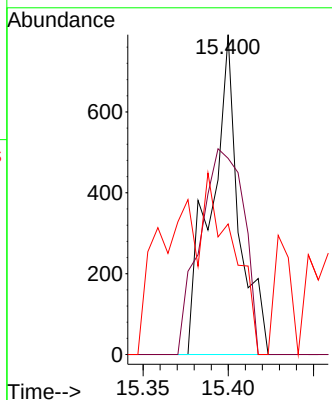


#93
 1,2,4-Trichlorobenzene
 Concen: 0.371 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN0756675.D
 Acq: 09 Dec 2022 18:31

Instrument :
 MSVOA_N
 ClientSampleId :

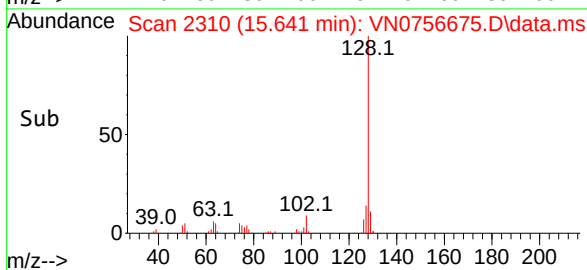
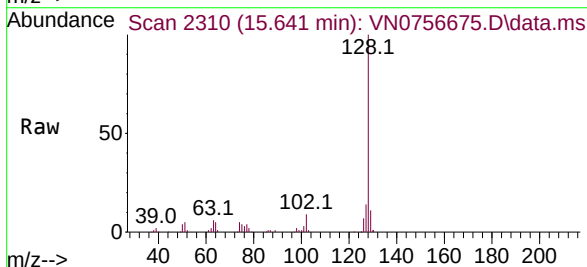
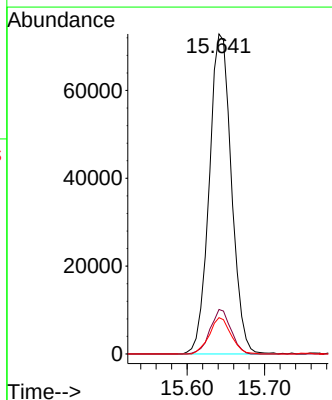


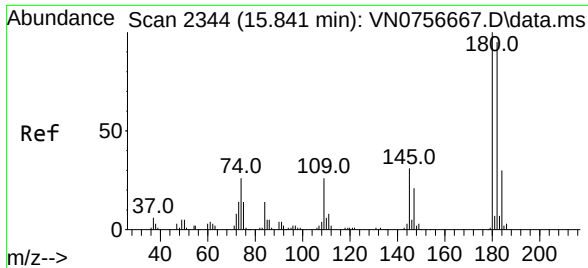
Tgt Ion:180 Resp: 906
 Ion Ratio Lower Upper
 180 100
 182 101.0 47.1 141.3
 145 0.0 15.2 45.5#



#95
 Naphthalene
 Concen: 20.088 ug/l
 RT: 15.641 min Scan# 2310
 Delta R.T. -0.006 min
 Lab File: VN0756675.D
 Acq: 09 Dec 2022 18:31

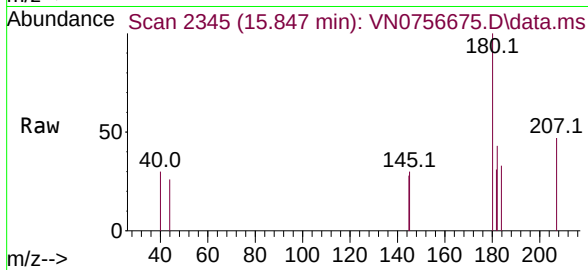
Tgt Ion:128 Resp: 144873
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 11.1 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 0.326 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN0756675.D
 Acq: 09 Dec 2022 18:31

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 782
 Ion Ratio Lower Upper
 180 100
 182 121.2 46.8 140.4
 145 54.5 15.6 46.8#

