

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076099.D
 Acq On : 04 Jan 2023 22:20
 Operator : JC\MD
 Sample : 01019-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33886

Quant Time: Jan 05 01:30:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	357320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	561828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	488014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	180828	46.518	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.040%
35) Dibromofluoromethane	8.171	113	165193	47.479	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	10.571	98	643508	49.467	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.853	95	208164	48.313	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.620%
Target Compounds						
					Qvalue	
6) Chloroethane	3.136	64	759	0.272	ug/l #	44
11) Tert butyl alcohol	5.536	59	1435	2.609	ug/l #	72
16) Acetone	4.459	43	10266	7.661	ug/l	94
18) Methyl Acetate	5.059	43	878	0.222	ug/l #	75
19) Methyl tert-butyl Ether	5.812	73	15285	1.466	ug/l	98
20) Methylene Chloride	5.277	84	1656	Below Cal	#	67
22) Diisopropyl ether	6.689	45	4782	0.532	ug/l	99
23) Vinyl Acetate	6.683	43	3338	0.551	ug/l #	65
25) 2-Butanone	7.512	43	2786	1.485	ug/l	90
26) 2,2-Dichloropropane	7.441	77	3176	0.625	ug/l #	50
31) Cyclohexane	8.235	56	11121	1.998	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	26585	5.752	ug/l #	49
38) Carbon Tetrachloride	8.235	117	35856	6.931	ug/l #	17
39) Methylcyclohexane	9.606	83	3238	0.581	ug/l #	86
40) Benzene	8.618	78	312430	21.909	ug/l	98
43) Isopropyl Acetate	8.712	43	18826	3.074	ug/l #	50
47) Bromodichloromethane	9.606	83	1911	0.379	ug/l #	25
51) 4-Methyl-2-Pentanone	10.453	43	886	0.239	ug/l #	57
52) Toluene	10.635	92	982501	105.789	ug/l	100
53) t-1,3-Dichloropropene	10.629	75	11119	2.250	ug/l #	1
59) 2-Hexanone	11.200	43	572	0.212	ug/l #	20
67) Ethyl Benzene	11.965	91	258806	15.309	ug/l	97
68) m/p-Xylenes	12.070	106	536065	80.117	ug/l	97
69) o-Xylene	12.400	106	391120	59.068	ug/l	99
70) Styrene	12.406	104	22202	2.109	ug/l #	1
73) Isopropylbenzene	12.700	105	33854	2.134	ug/l	98
76) 1,2,3-Trichloropropane	13.100	75	3411	0.771	ug/l #	1
78) n-propylbenzene	13.041	91	42816	2.447	ug/l	99
79) 2-Chlorotoluene	13.100	91	45583	4.173	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	204347	15.389	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	107094	87.104	ug/l #	12
82) 4-Chlorotoluene	13.100	91	45583	4.173	ug/l #	40
83) tert-Butylbenzene	13.482	119	69022	5.896	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.488	105	558986	42.434	ug/l	99
85) sec-Butylbenzene	13.488	105	558986	34.593	ug/l #	56
86) p-Isopropyltoluene	13.735	119	8946	0.665	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

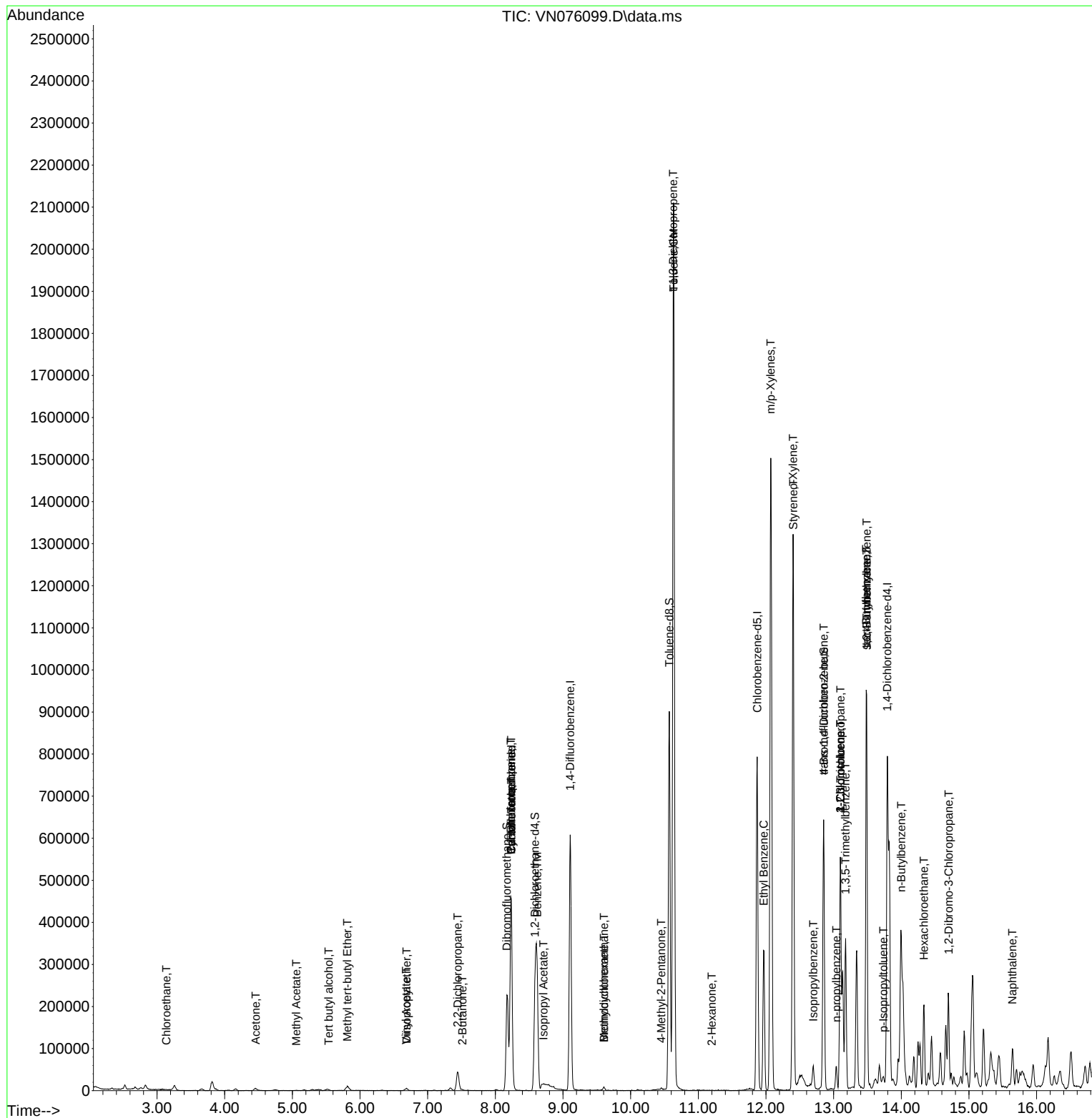
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.000	91	61682	5.663	ug/l #	52
90) Hexachloroethane	14.335	117	10731	4.462	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.700	75	1119	1.286	ug/l #	13
95) Naphthalene	15.641	128	90884	9.453	ug/l	99

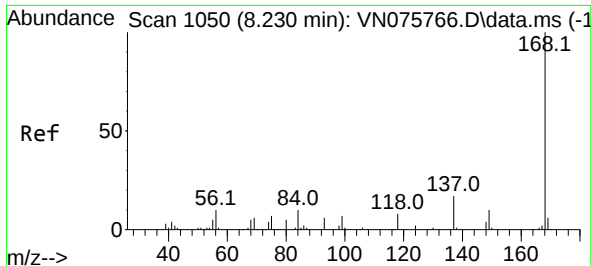
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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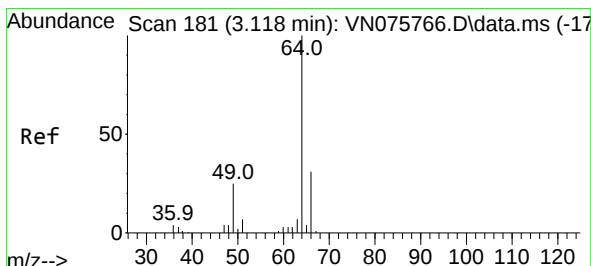
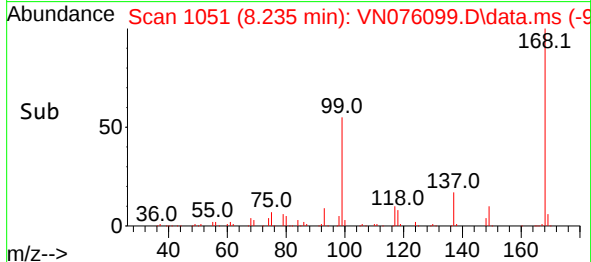
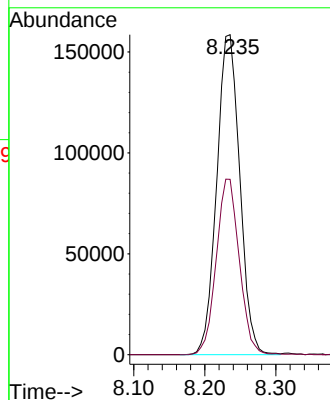
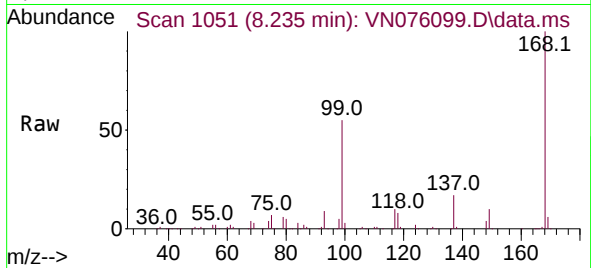




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

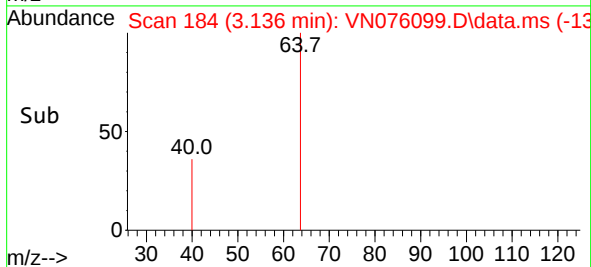
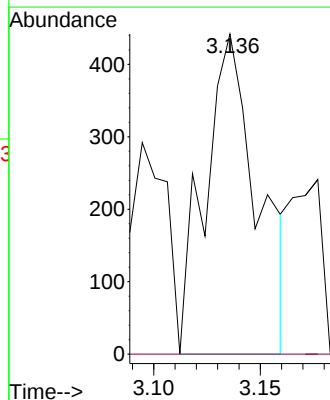
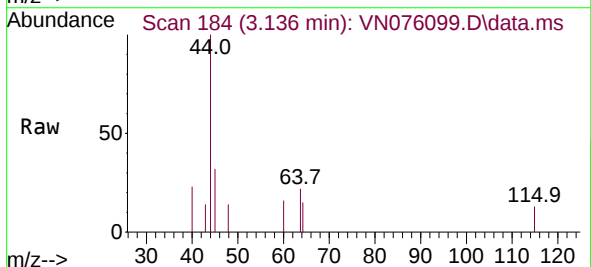
Instrument :
MSVOA_N
ClientSampleId :
33886

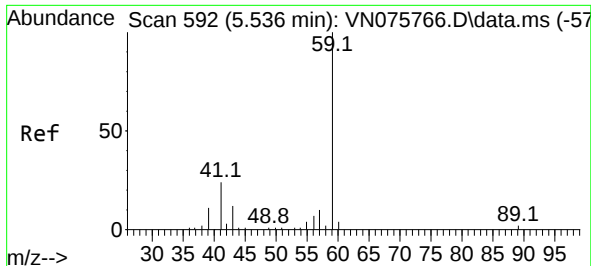
Tgt Ion:168 Resp: 357320
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#6
Chloroethane
Concen: 0.272 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 64 Resp: 759
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

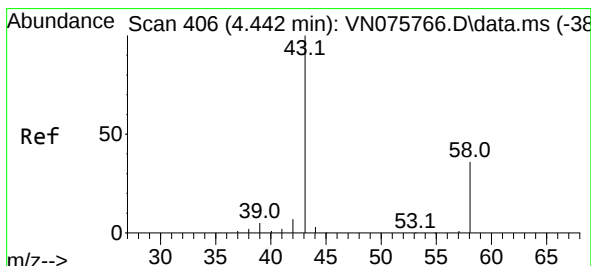
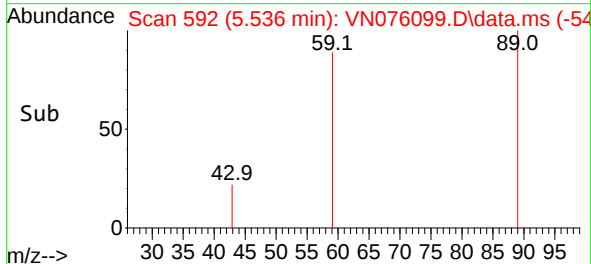
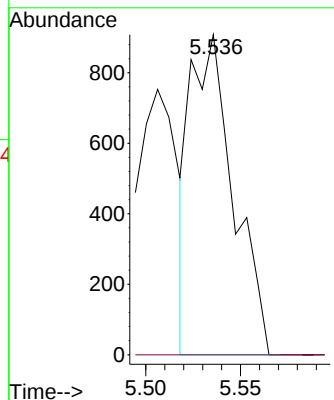
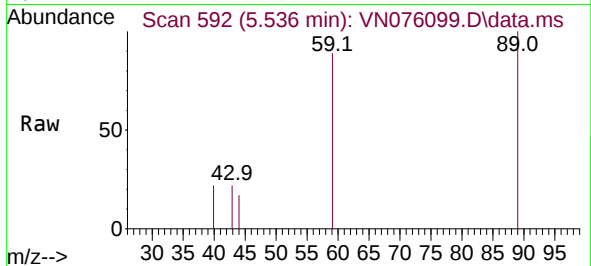




#11
Tert butyl alcohol
Concen: 2.609 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

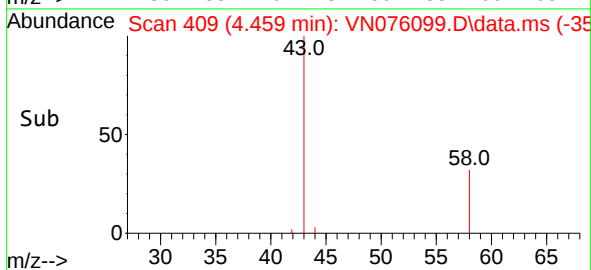
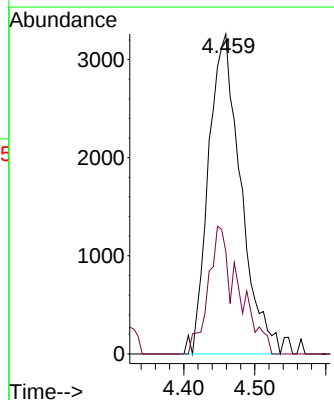
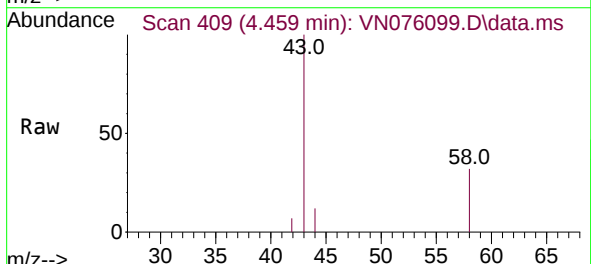
Instrument :
MSVOA_N
ClientSampleId :
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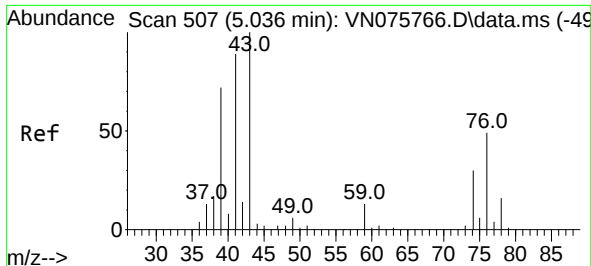
Tgt Ion: 59 Resp: 1435
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 7.661 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 43 Resp: 10266
Ion Ratio Lower Upper
43 100
58 32.0 28.6 43.0

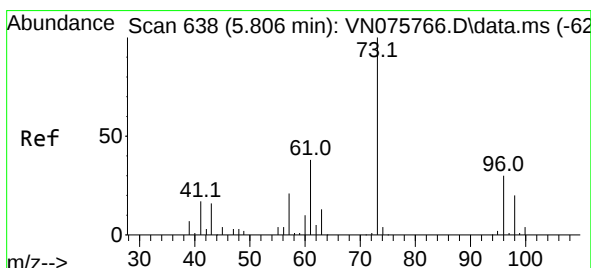
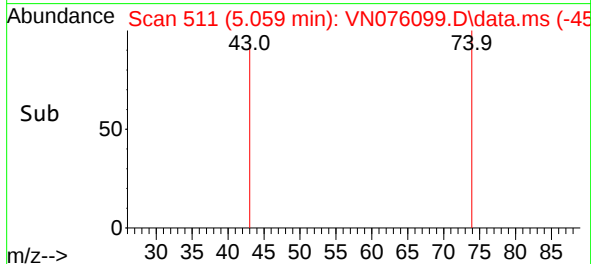
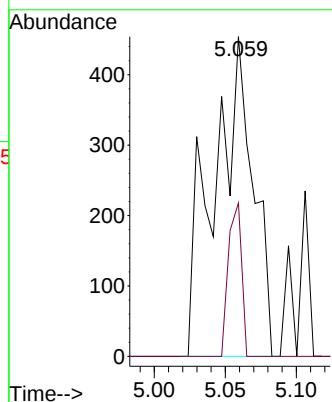
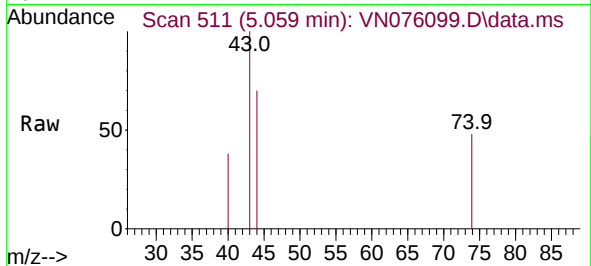




#18
Methyl Acetate
Concen: 0.222 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.023 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

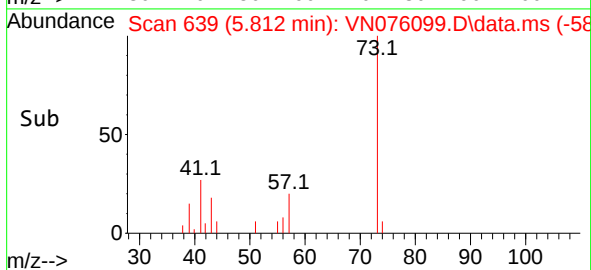
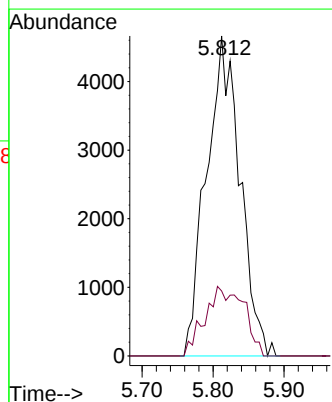
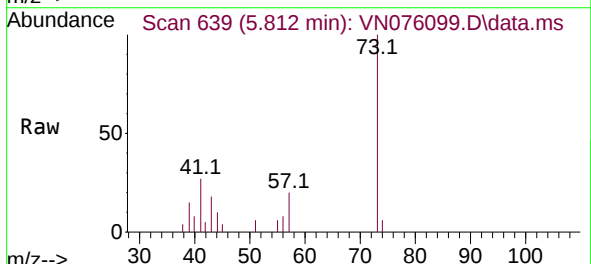
Instrument :
MSVOA_N
ClientSampleId :
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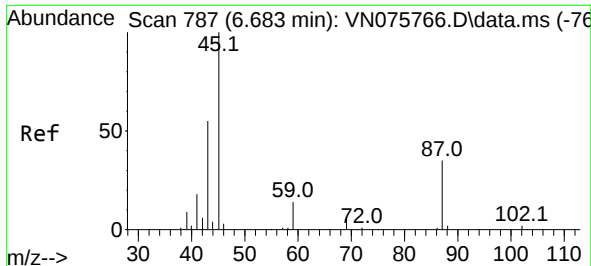
Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
74 15.9 23.6 35.4#



#19
Methyl tert-butyl Ether
Concen: 1.466 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 73 Resp: 15285
Ion Ratio Lower Upper
73 100
57 20.3 17.1 25.7

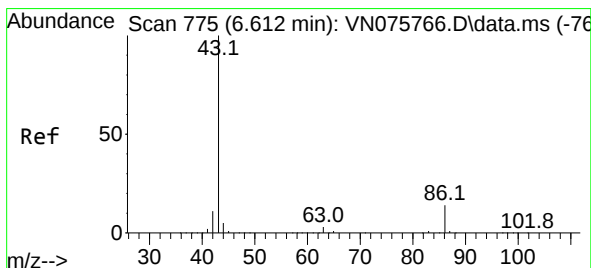
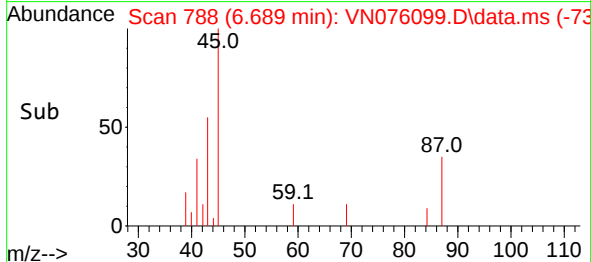
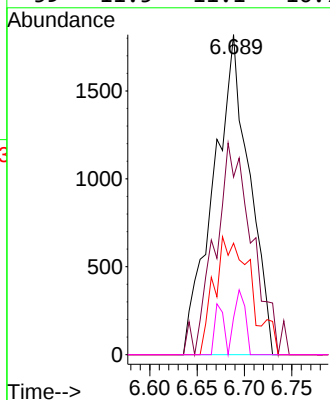
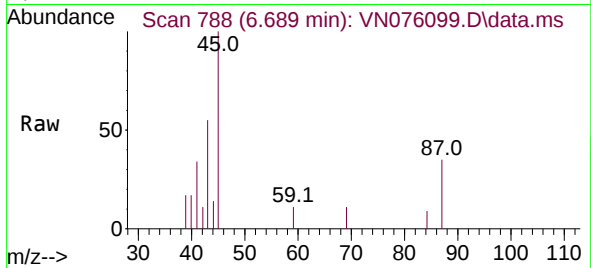




#22
Diisopropyl ether
Concen: 0.532 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

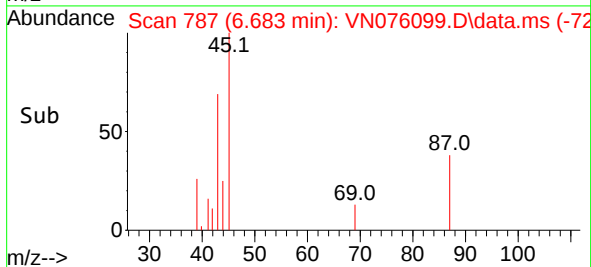
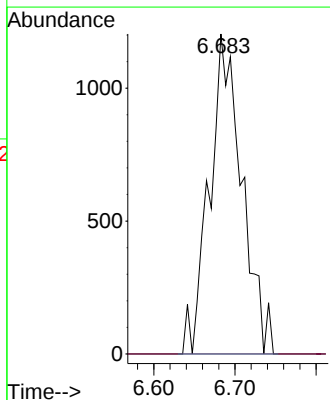
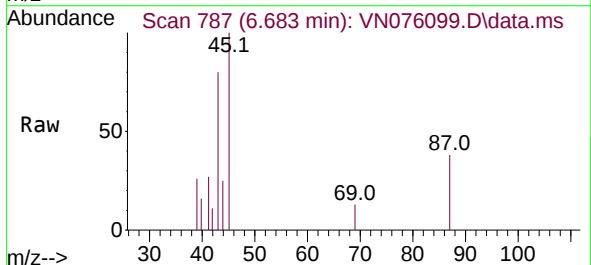
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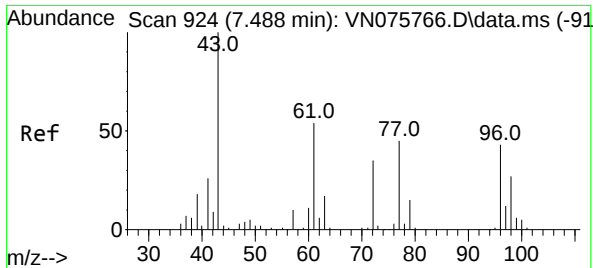
Tgt Ion:	45	Resp:	4782
Ion	Ratio	Lower	Upper
45	100		
43	55.5	44.2	66.4
87	34.8	28.3	42.5
59	11.5	11.1	16.7



#23
Vinyl Acetate
Concen: 0.551 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.071 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion:	43	Resp:	3338
Ion	Ratio	Lower	Upper
43	100		
86	0.0	11.4	17.2

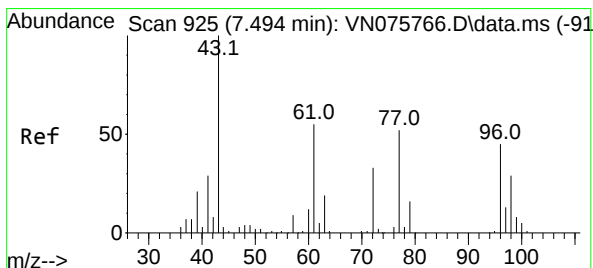
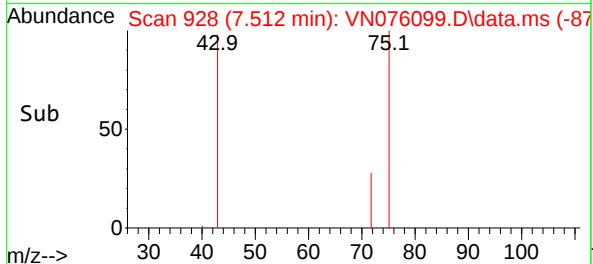
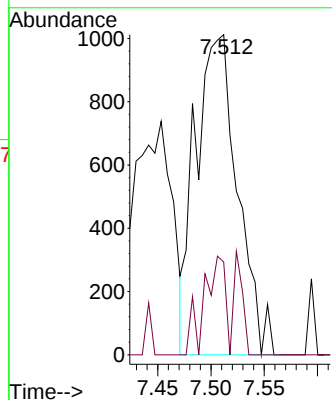
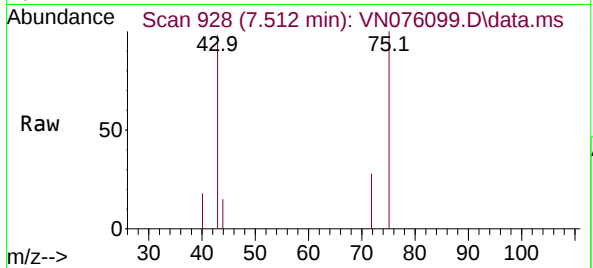




#25
2-Butanone
Concen: 1.485 ug/l
RT: 7.512 min Scan# 916
Delta R.T. 0.023 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

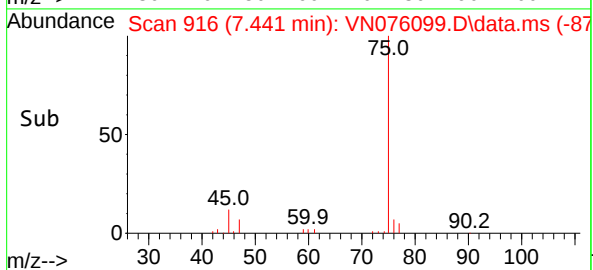
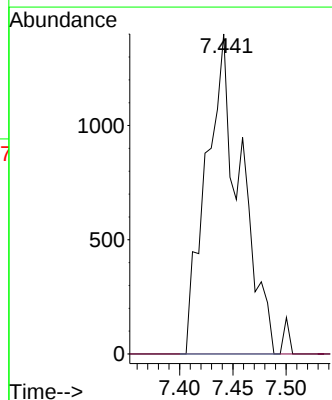
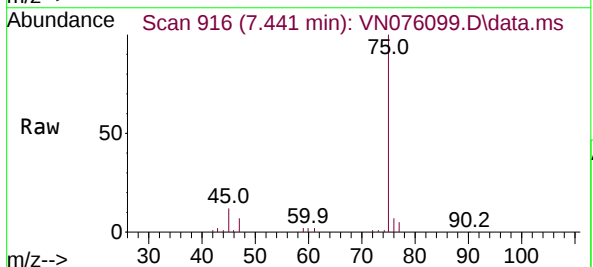
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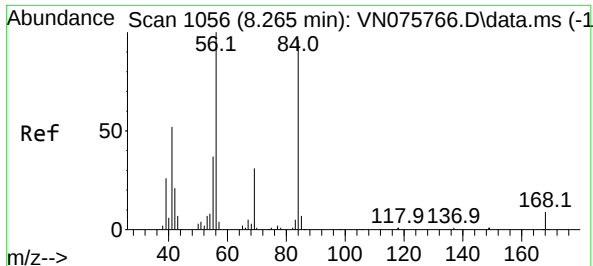
Tgt Ion: 43 Resp: 2786
Ion Ratio Lower Upper
43 100
72 29.0 28.0 42.0



#26
2,2-Dichloropropane
Concen: 0.625 ug/l
RT: 7.441 min Scan# 916
Delta R.T. -0.053 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 77 Resp: 3176
Ion Ratio Lower Upper
77 100
97 0.0 12.7 38.0#





#31

Cyclohexane

Concen: 1.998 ug/l

RT: 8.235 min Scan# 1105

Delta R.T. -0.029 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

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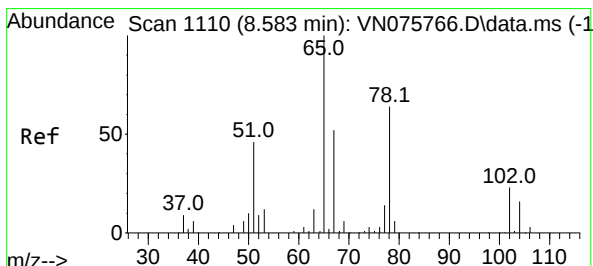
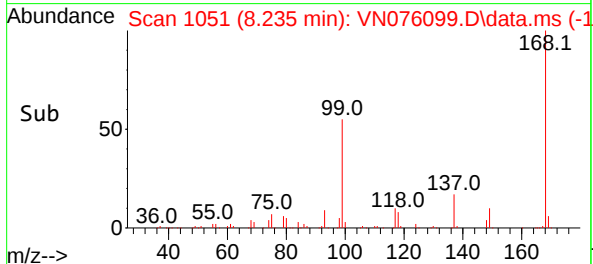
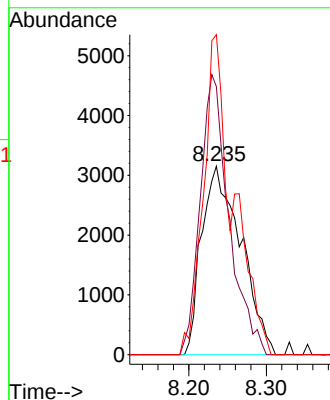
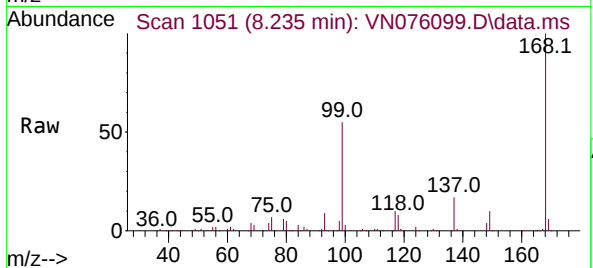
Tgt Ion: 56 Resp: 11121

Ion Ratio Lower Upper

56 100

69 142.3 24.7 37.1#

84 169.8 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 46.518 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076099.D

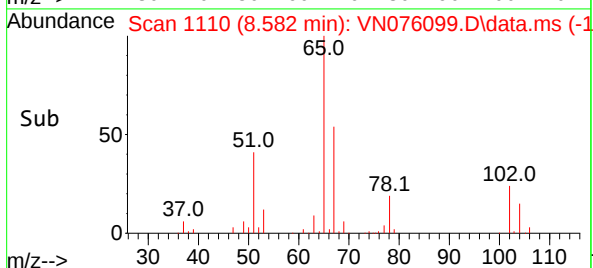
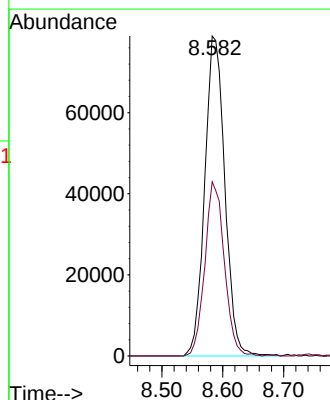
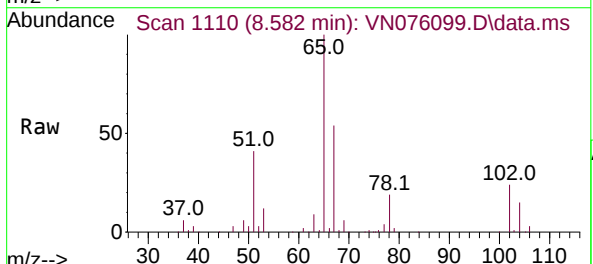
Acq: 04 Jan 2023 22:20

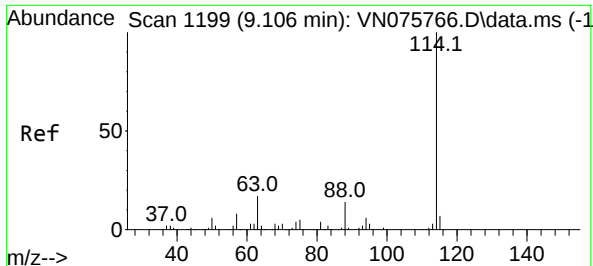
Tgt Ion: 65 Resp: 180828

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

33886

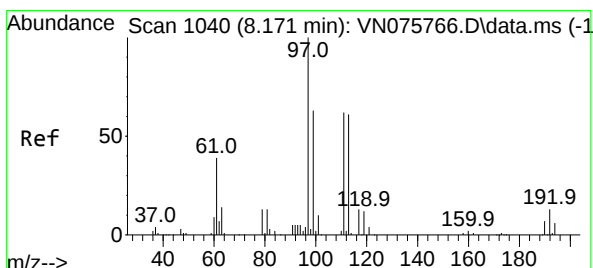
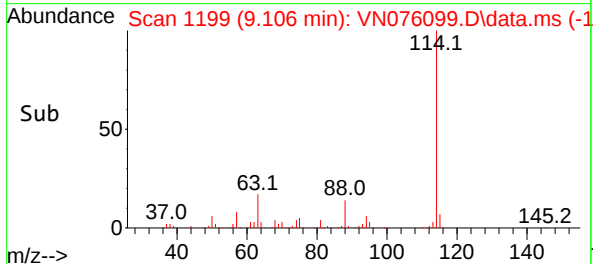
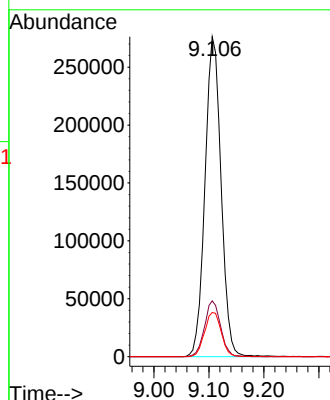
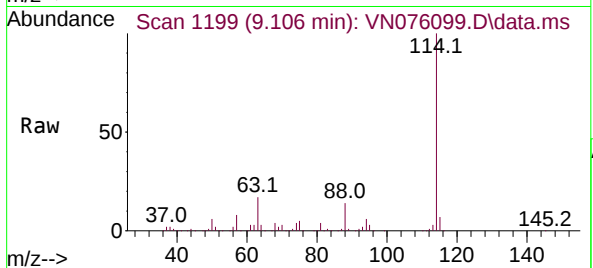
Tgt Ion:114 Resp: 561828

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 13.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.479 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

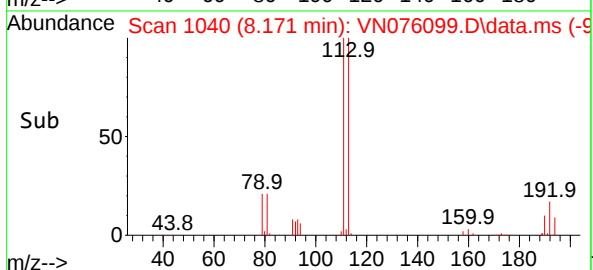
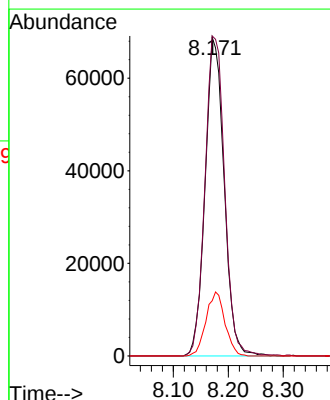
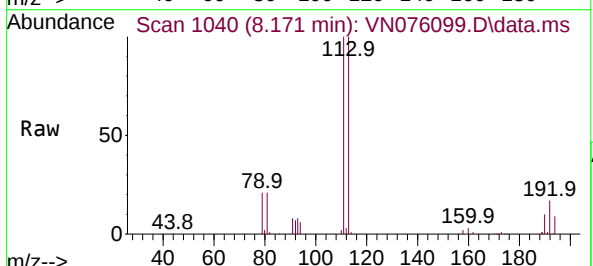
Tgt Ion:113 Resp: 165193

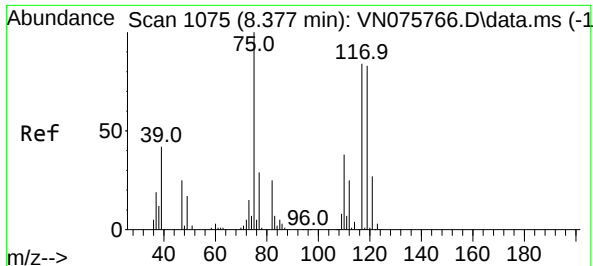
Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 20.0 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.752 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

33886

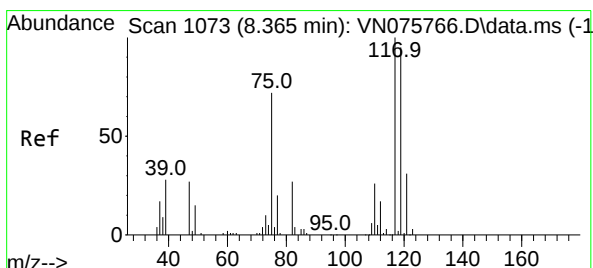
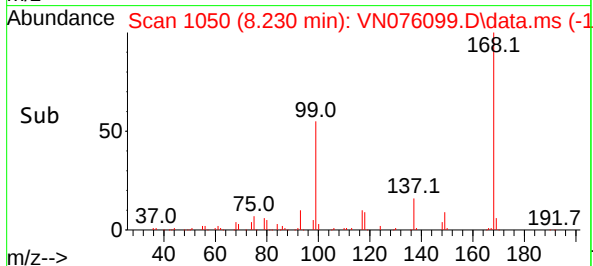
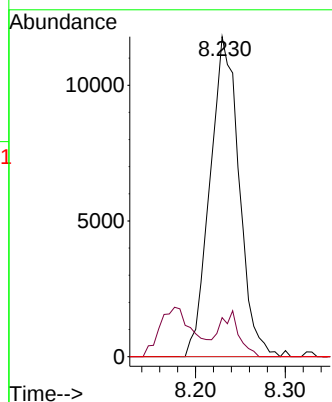
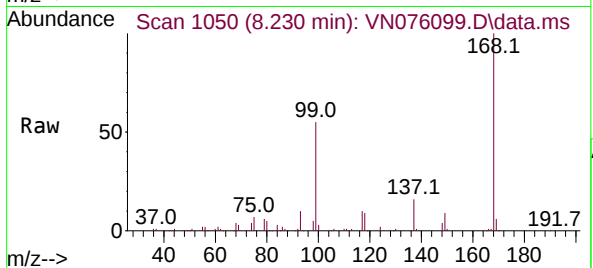
Tgt Ion: 75 Resp: 26585

Ion Ratio Lower Upper

75 100

110 9.3 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.931 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.129 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

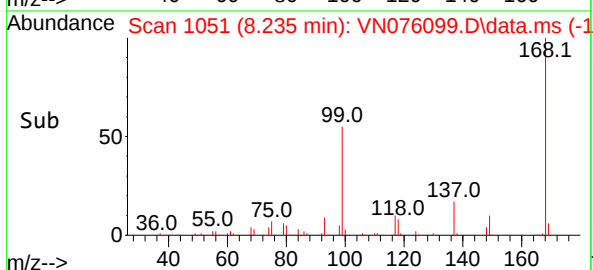
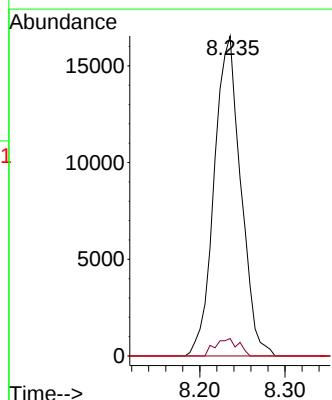
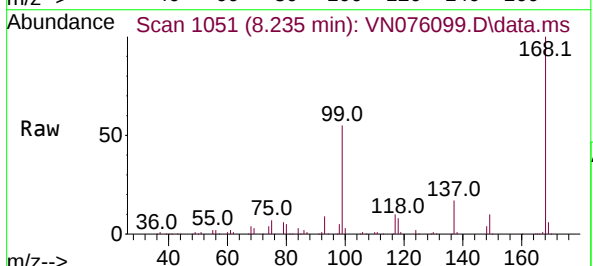
Tgt Ion: 117 Resp: 35856

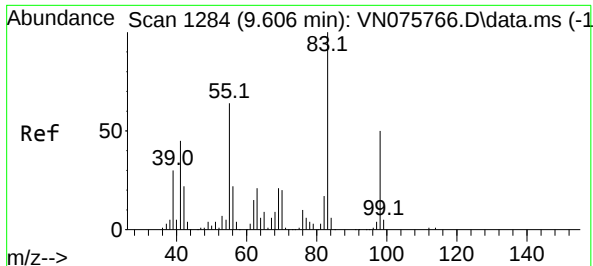
Ion Ratio Lower Upper

117 100

119 5.4 76.1 114.1#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 0.581 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. -0.000 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

33886

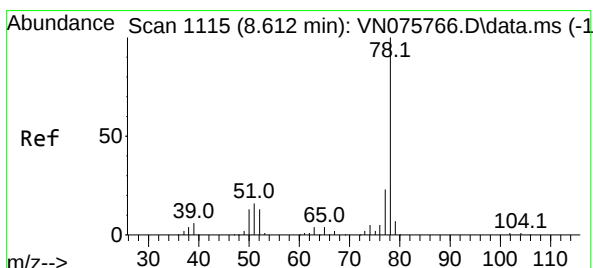
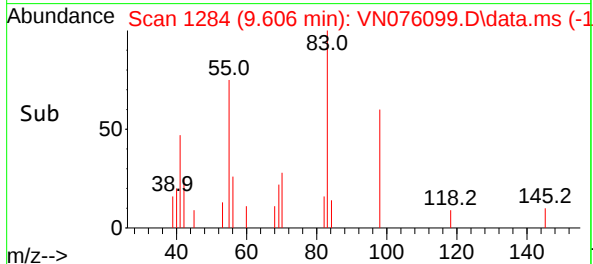
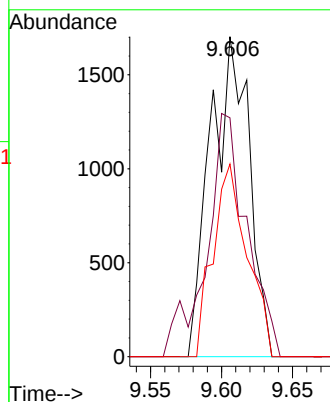
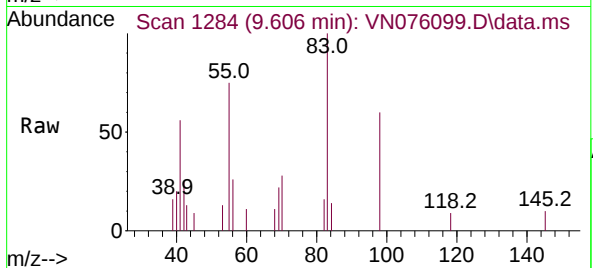
Tgt Ion: 83 Resp: 3238

Ion Ratio Lower Upper

83 100

55 74.6 51.4 77.0

98 60.2 39.8 59.8#



#40

Benzene

Concen: 21.909 ug/l

RT: 8.618 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN076099.D

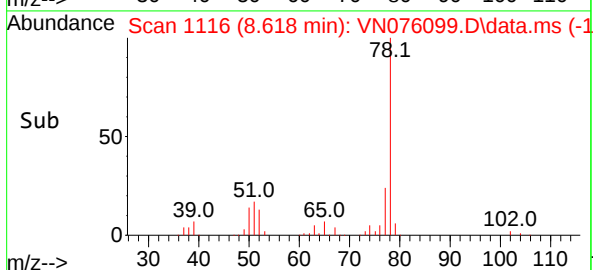
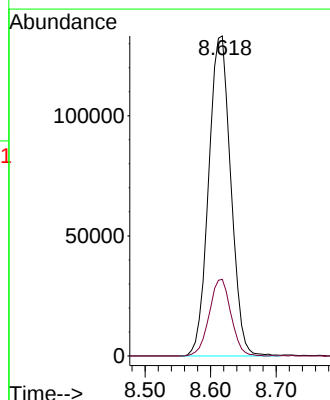
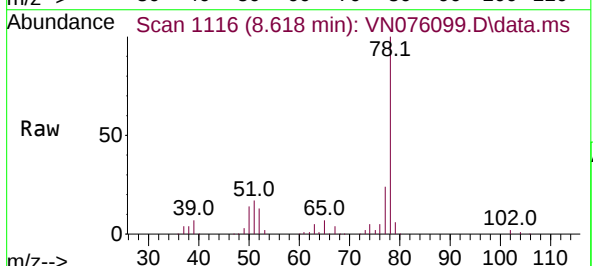
Acq: 04 Jan 2023 22:20

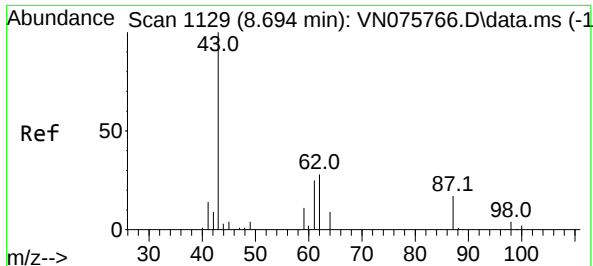
Tgt Ion: 78 Resp: 312430

Ion Ratio Lower Upper

78 100

77 24.0 18.5 27.7





#43

Isopropyl Acetate

Concen: 3.074 ug/l

RT: 8.712 min Scan# 1129

Delta R.T. 0.018 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

33886

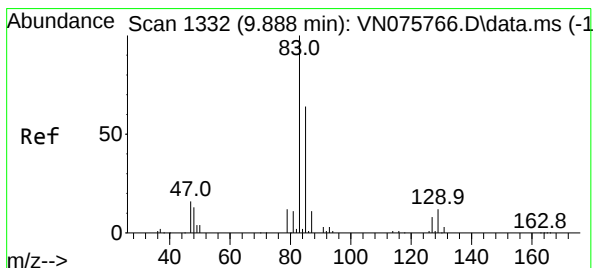
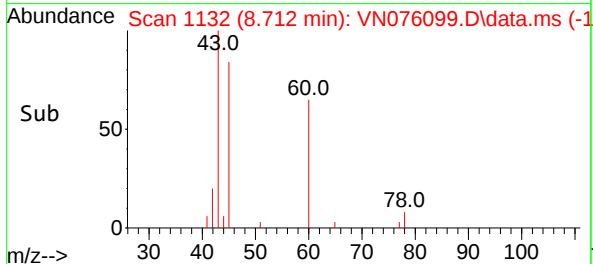
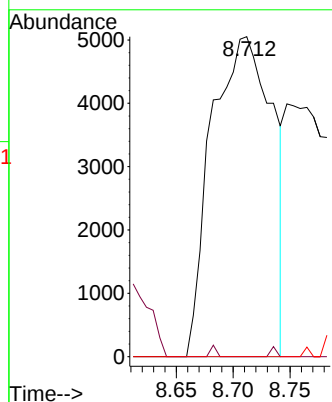
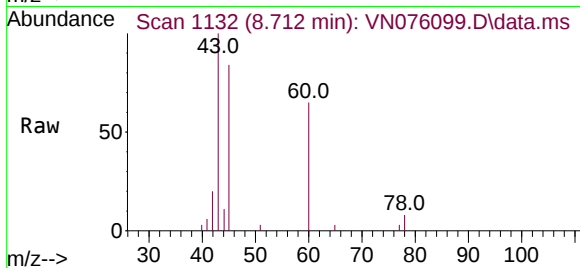
Tgt Ion: 43 Resp: 18826

Ion Ratio Lower Upper

43 100

61 0.0 24.2 36.4#

87 0.0 13.3 19.9#



#47

Bromodichloromethane

Concen: 0.379 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.282 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

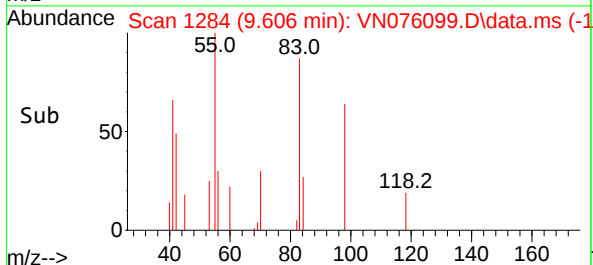
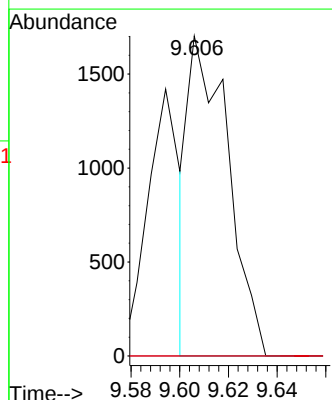
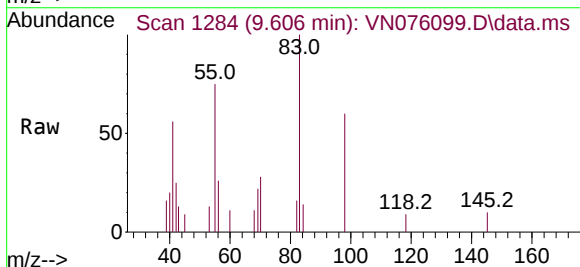
Tgt Ion: 83 Resp: 1911

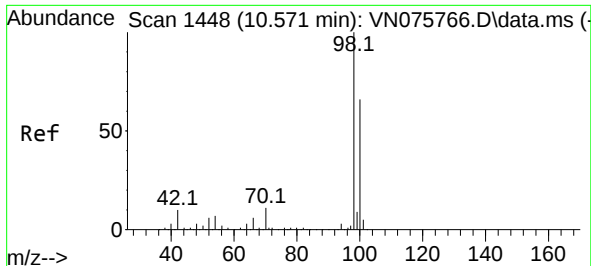
Ion Ratio Lower Upper

83 100

85 0.0 51.5 77.3#

127 0.0 6.6 10.0#

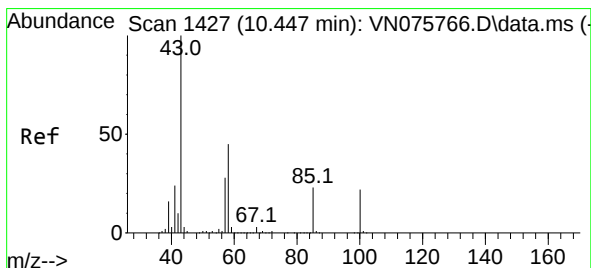
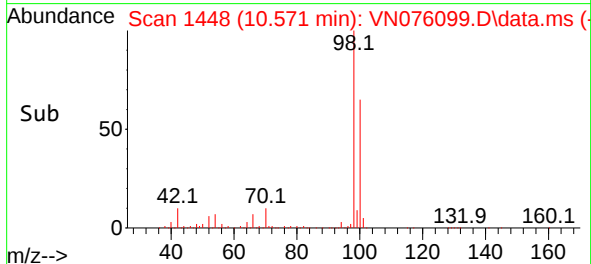
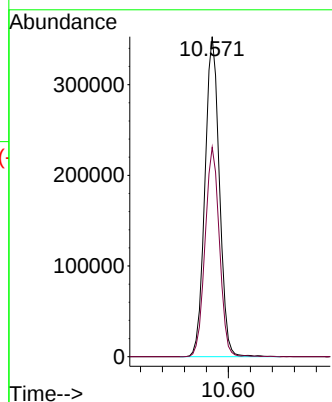
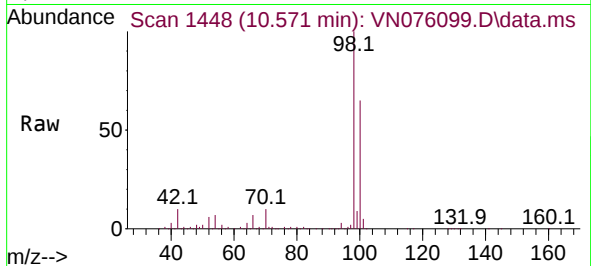




#50
Toluene-d8
Concen: 49.467 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

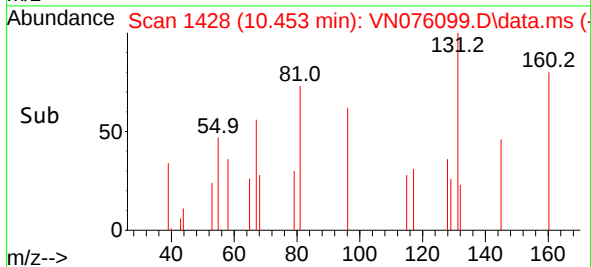
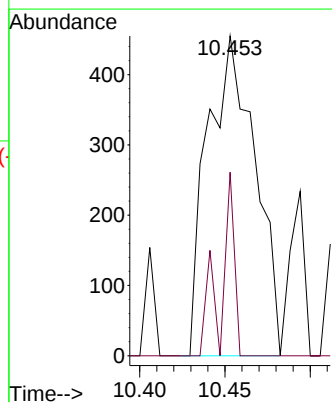
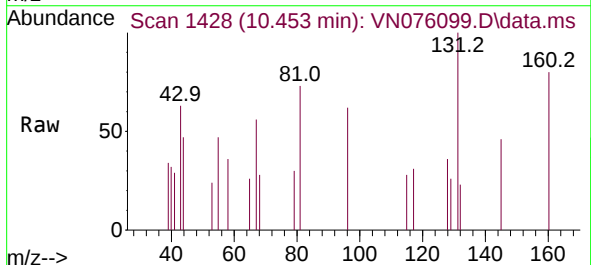
Instrument :
MSVOA_N
ClientSampleId :
33886

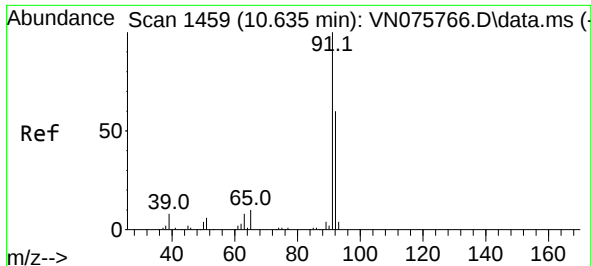
Tgt Ion: 98 Resp: 643508
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.239 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 16.4 35.5 53.3#

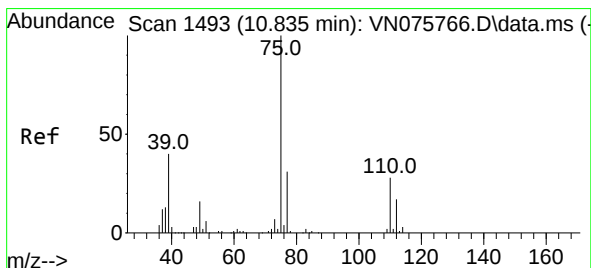
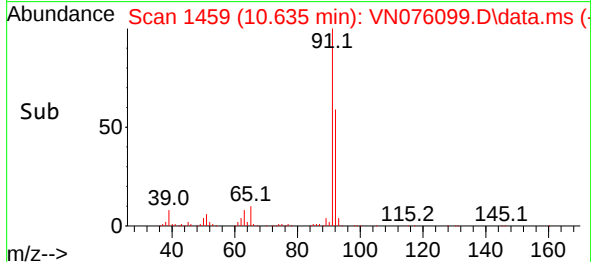
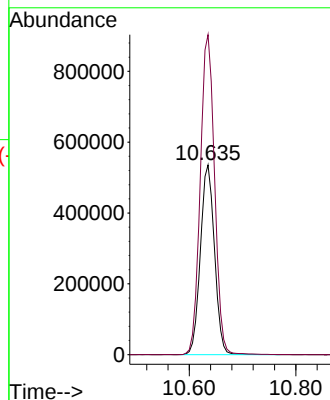
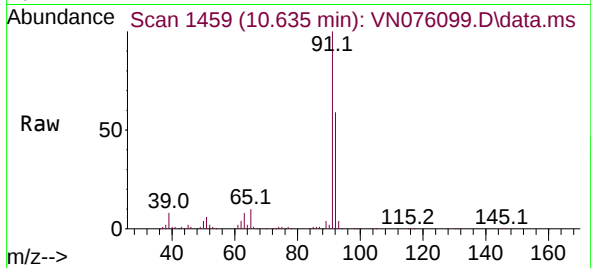




#52
Toluene
Concen: 105.789 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

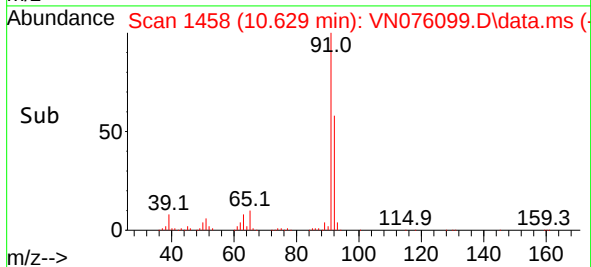
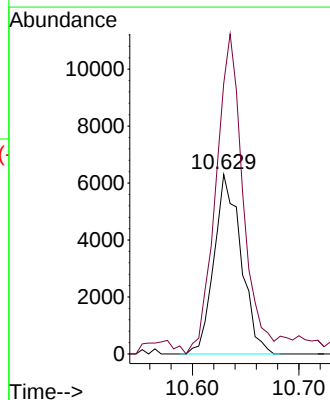
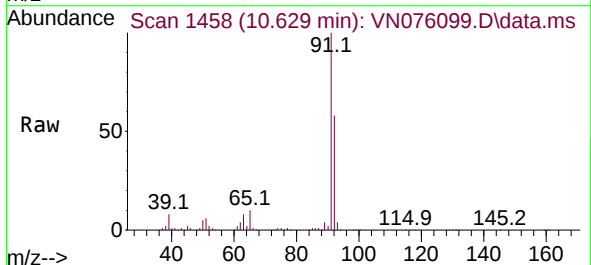
Instrument :
MSVOA_N
ClientSampleId :
33886

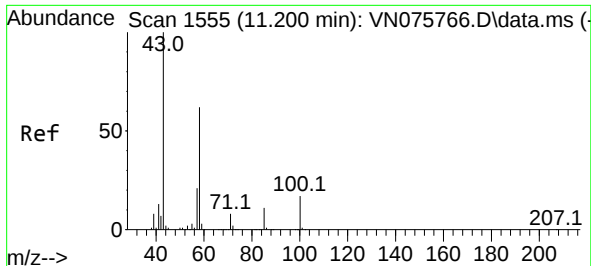
Tgt Ion: 92 Resp: 982501
Ion Ratio Lower Upper
92 100
91 171.4 137.3 205.9



#53
t-1,3-Dichloropropene
Concen: 2.250 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.206 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 75 Resp: 11119
Ion Ratio Lower Upper
75 100
77 146.2 24.9 37.3#

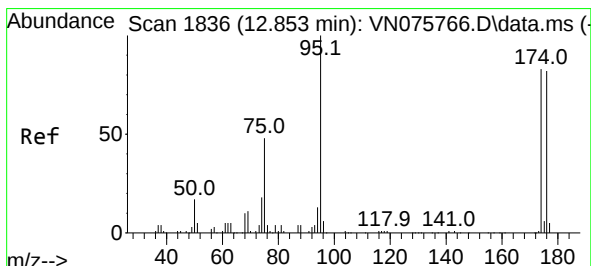
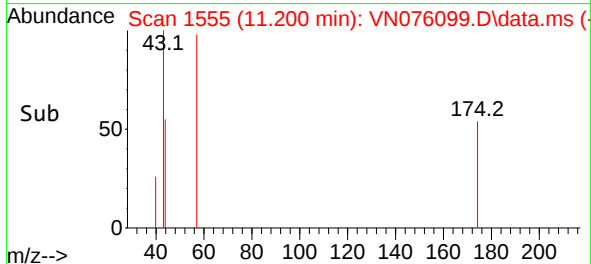
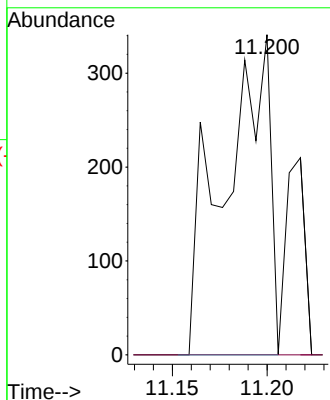
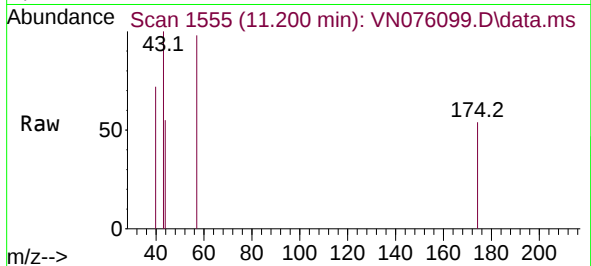




#59
2-Hexanone
Concen: 0.212 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

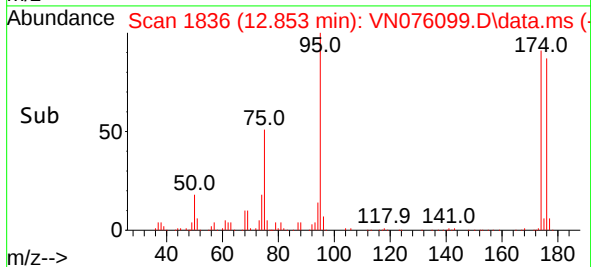
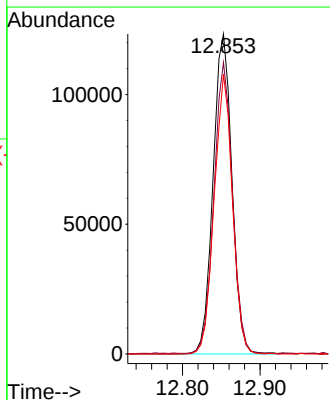
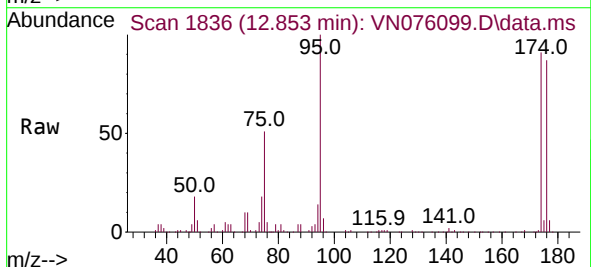
Instrument :
MSVOA_N
ClientSampleId :
33886

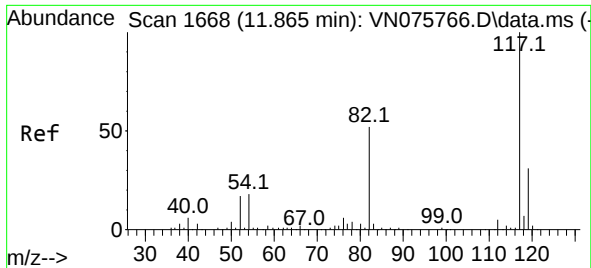
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 0.0 30.6 92.0#



#62
4-Bromofluorobenzene
Concen: 48.313 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 95 Resp: 208164
Ion Ratio Lower Upper
95 100
174 89.3 0.0 171.6
176 84.6 0.0 169.2

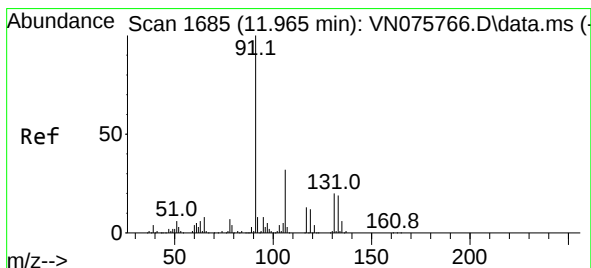
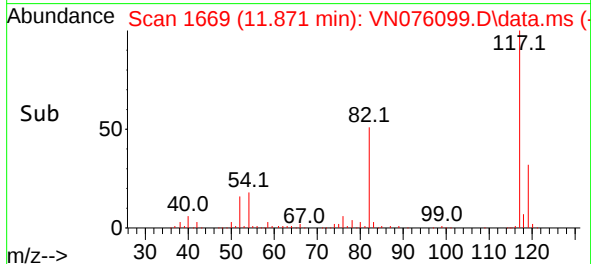
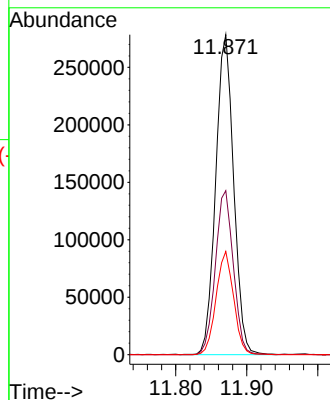
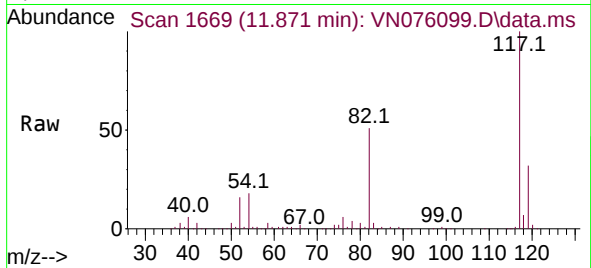




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

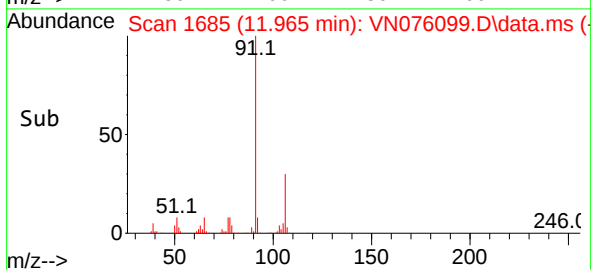
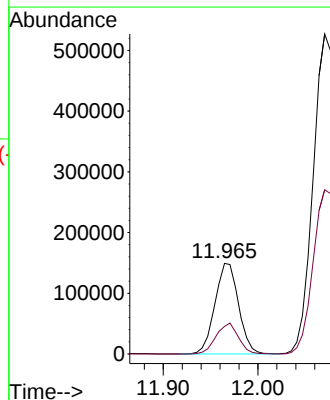
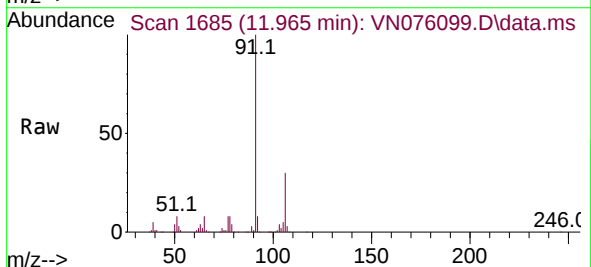
Instrument :
MSVOA_N
ClientSampleId :
33886

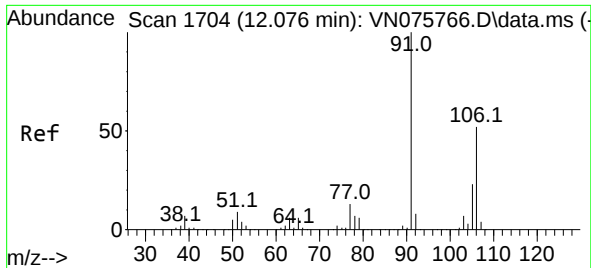
Tgt Ion:117 Resp: 488014
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 32.3 24.6 37.0



#67
Ethyl Benzene
Concen: 15.309 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 91 Resp: 258806
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

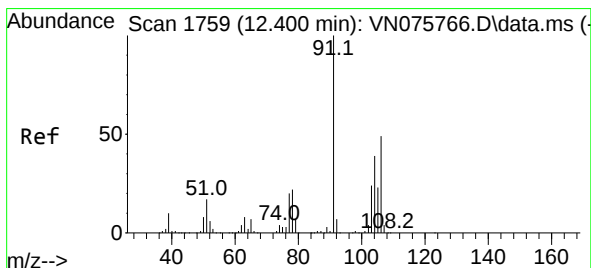
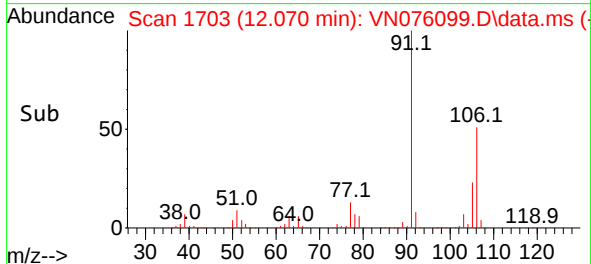
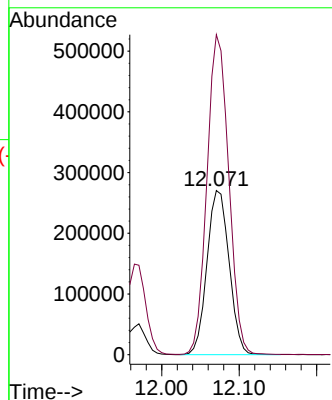
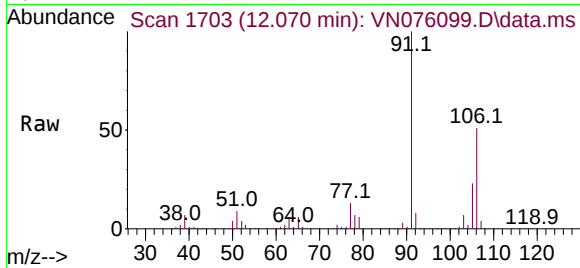




#68
m/p-Xylenes
Concen: 80.117 ug/l
RT: 12.070 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

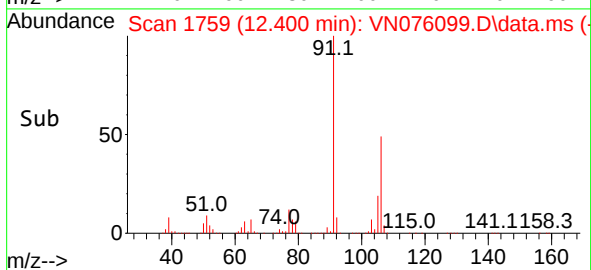
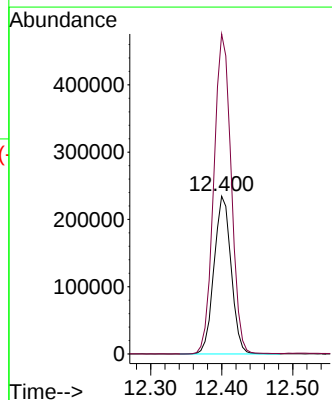
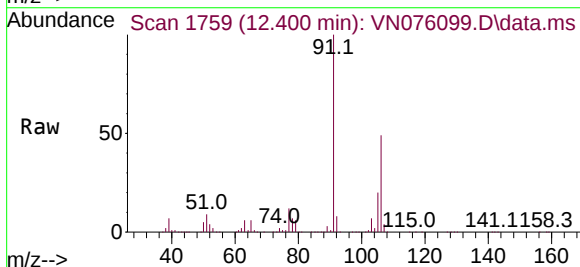
Instrument :
MSVOA_N
ClientSampleId :
33886

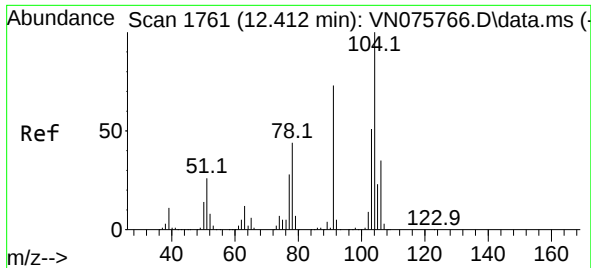
Tgt Ion:106 Resp: 536065
Ion Ratio Lower Upper
106 100
91 191.7 156.6 235.0



#69
o-Xylene
Concen: 59.068 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion:106 Resp: 391120
Ion Ratio Lower Upper
106 100
91 206.1 103.8 311.6

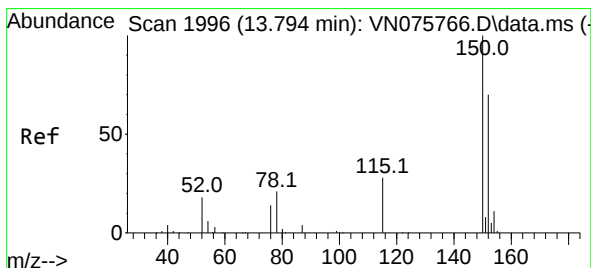
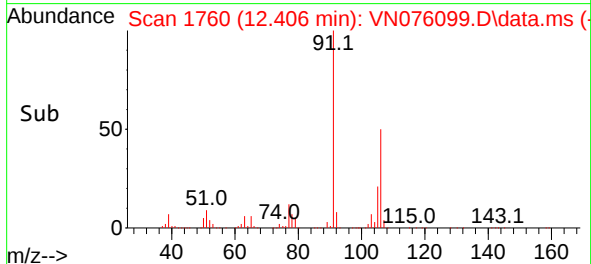
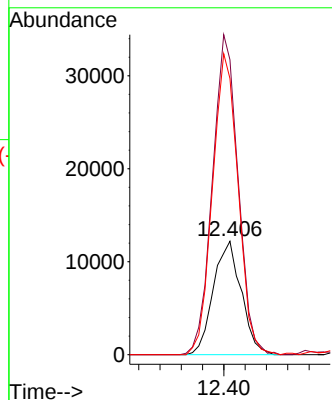
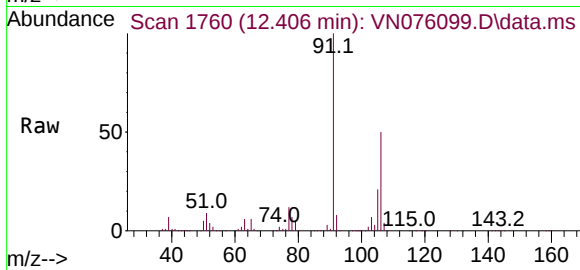




#70
Styrene
Concen: 2.109 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

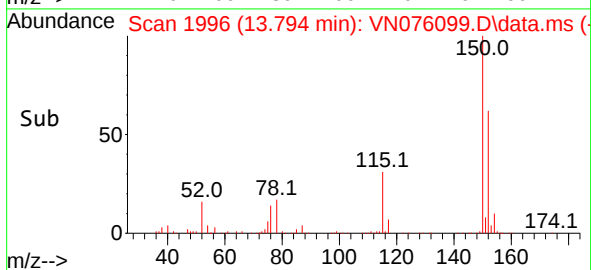
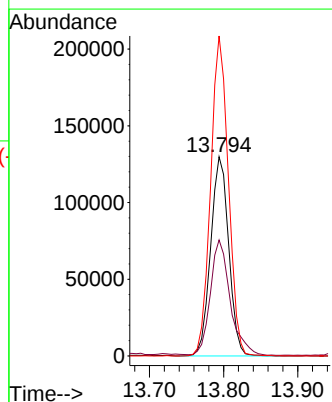
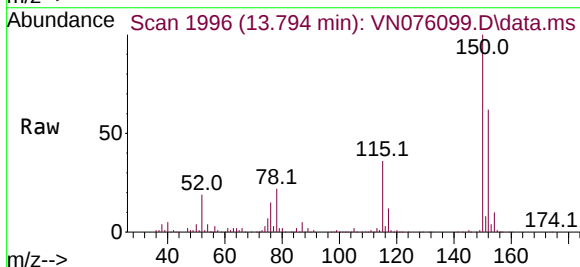
Instrument :
MSVOA_N
ClientSampleId :
33886

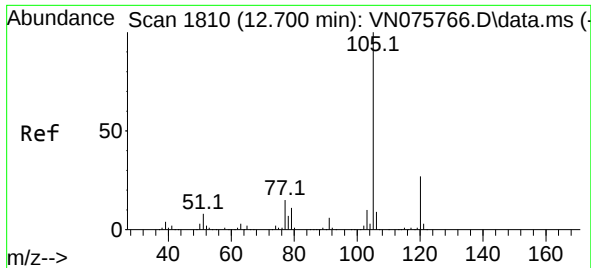
Tgt Ion:104 Resp: 22202
Ion Ratio Lower Upper
104 100
78 258.8 37.5 56.3#
103 243.6 43.5 65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion:152 Resp: 219549
Ion Ratio Lower Upper
152 100
115 63.4 29.1 87.4
150 157.8 0.0 347.0

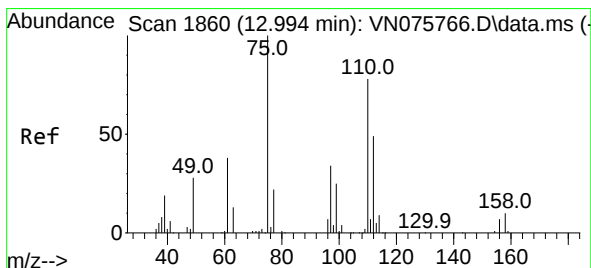
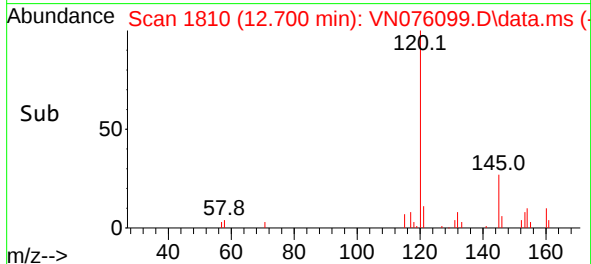
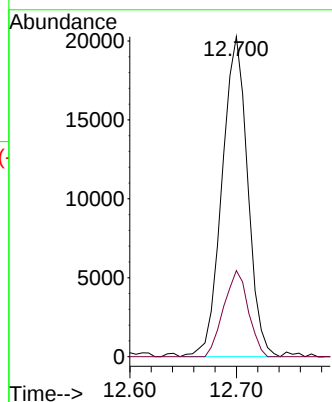
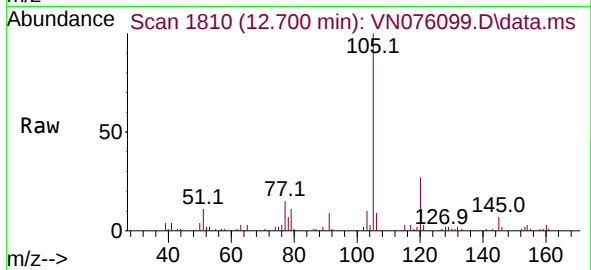




#73
Isopropylbenzene
Concen: 2.134 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

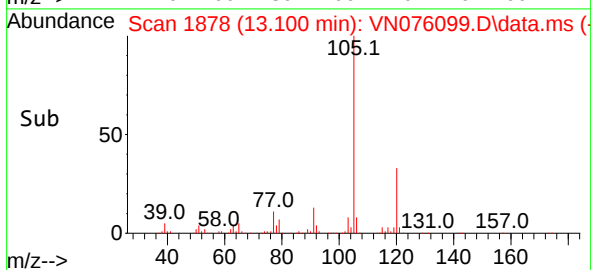
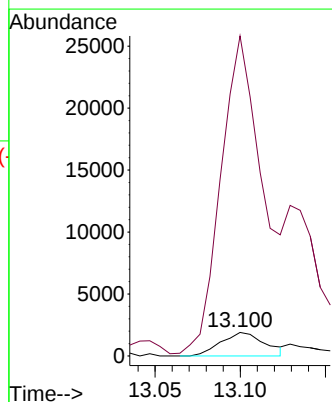
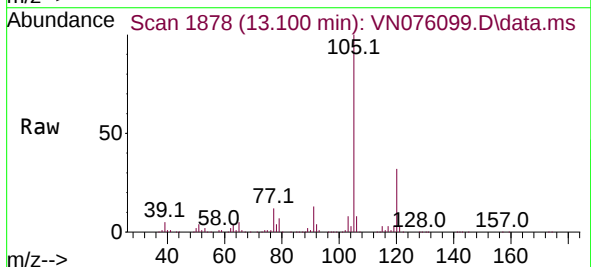
Instrument :
MSVOA_N
ClientSampleId :
33886

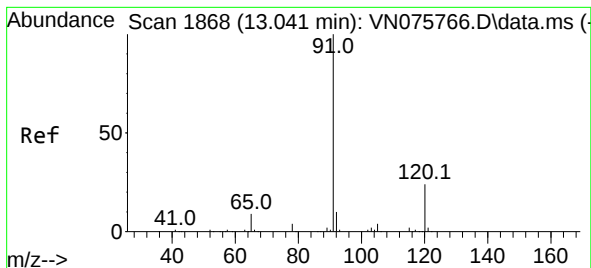
Tgt Ion:105 Resp: 33854
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.2



#76
1,2,3-Trichloropropane
Concen: 0.771 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. 0.106 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 75 Resp: 3411
Ion Ratio Lower Upper
75 100
77 1285.3 82.6 247.8#





#78

n-propylbenzene

Concen: 2.447 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

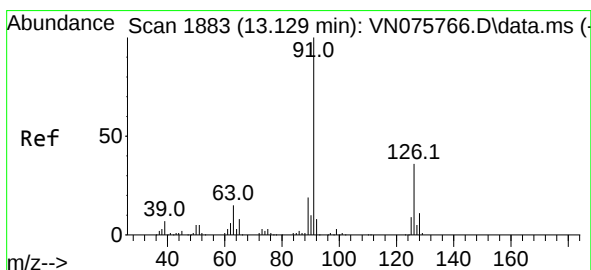
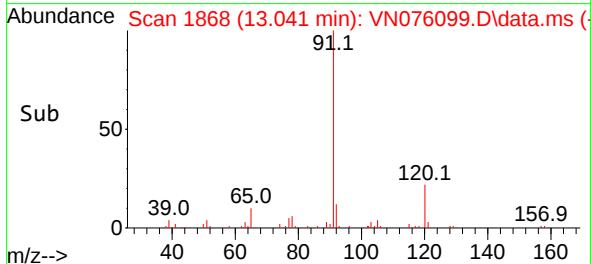
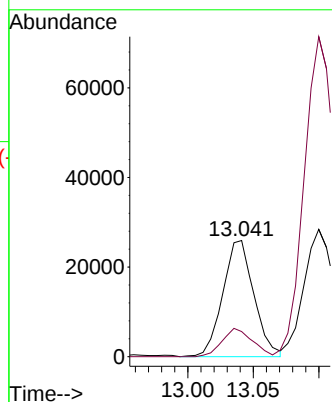
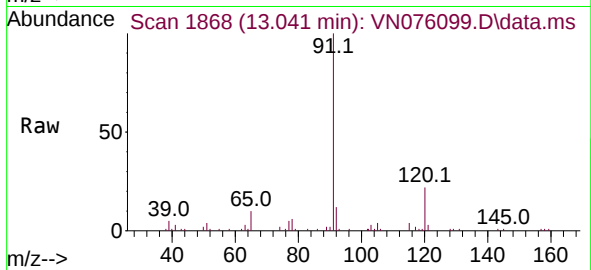
33886

Tgt Ion: 91 Resp: 42816

Ion Ratio Lower Upper

91 100

120 23.7 12.0 36.1



#79

2-Chlorotoluene

Concen: 4.173 ug/l

RT: 13.100 min Scan# 1878

Delta R.T. -0.029 min

Lab File: VN076099.D

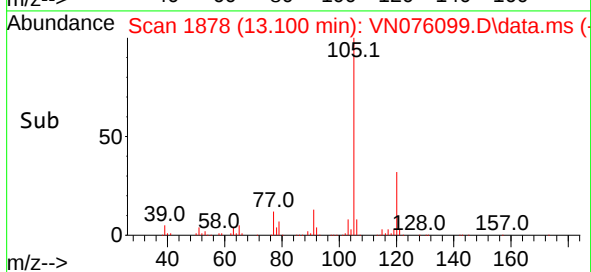
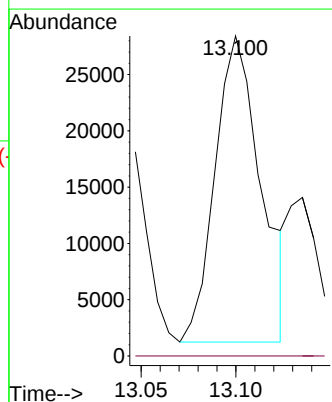
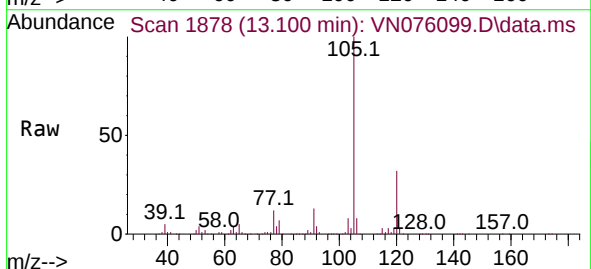
Acq: 04 Jan 2023 22:20

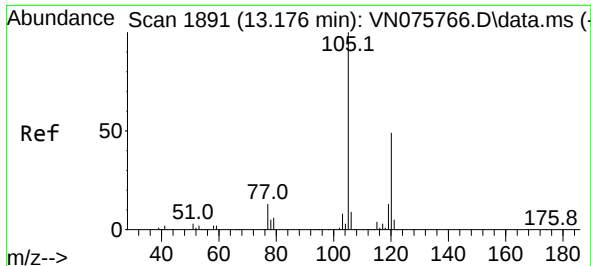
Tgt Ion: 91 Resp: 45583

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#

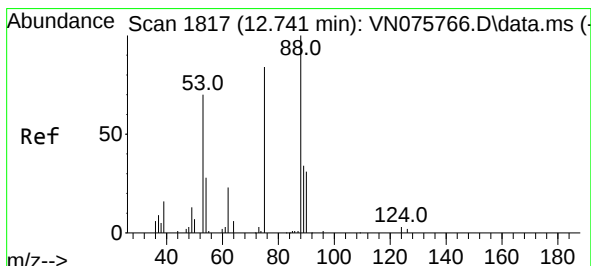
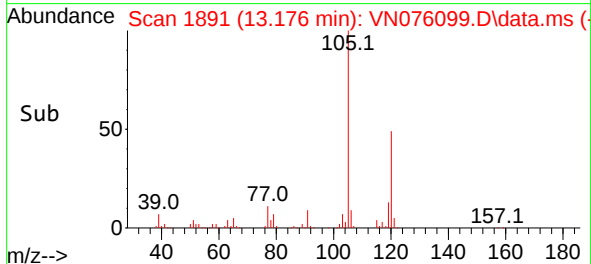
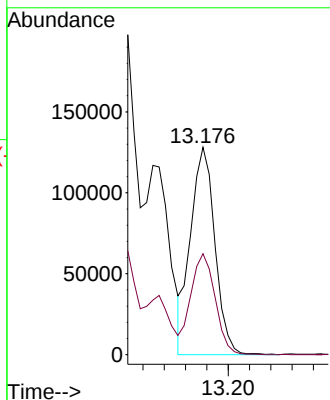
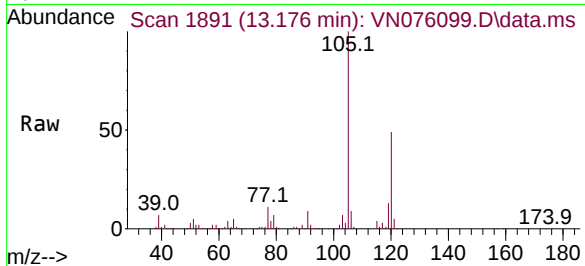




#80
1,3,5-Trimethylbenzene
Concen: 15.389 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

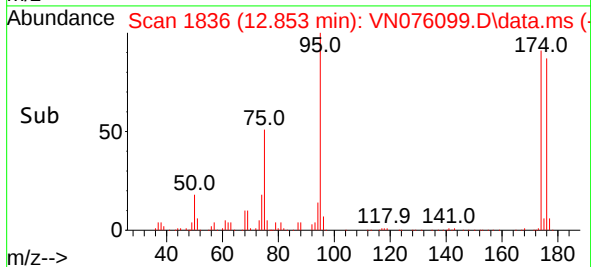
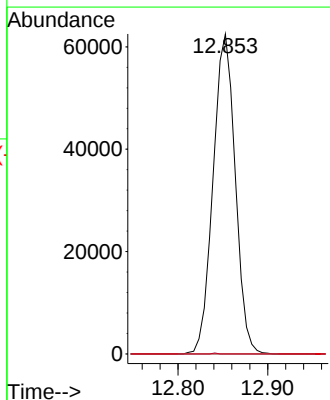
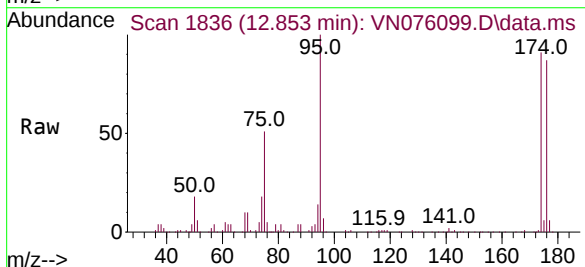
Instrument :
MSVOA_N
ClientSampleId :
33886

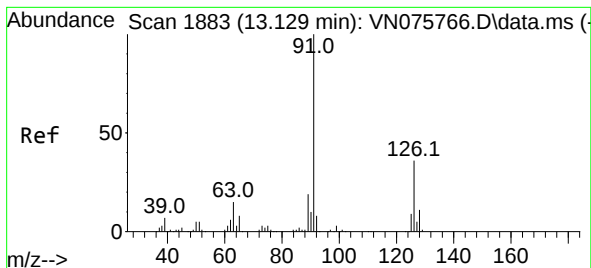
Tgt Ion:105 Resp: 204347
Ion Ratio Lower Upper
105 100
120 48.8 24.7 74.1



#81
trans-1,4-Dichloro-2-butene
Concen: 87.104 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 75 Resp: 107094
Ion Ratio Lower Upper
75 100
53 0.1 73.8 110.6#
89 0.0 39.5 59.3#





#82

4-Chlorotoluene

Concen: 4.173 ug/l

RT: 13.100 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

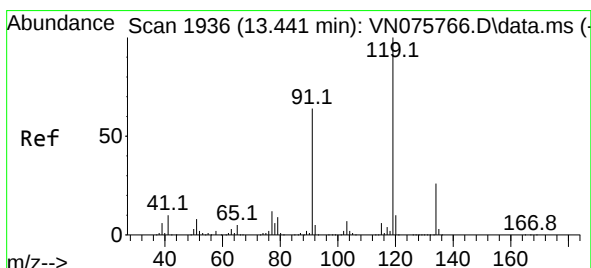
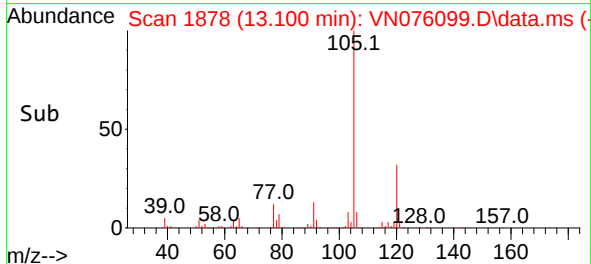
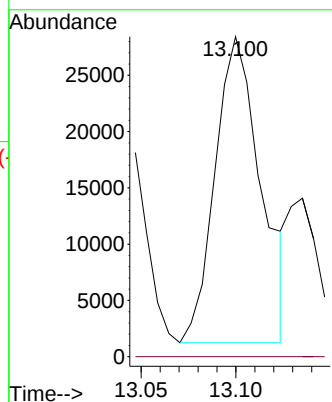
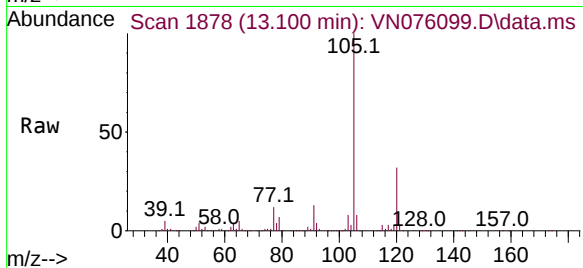
33886

Tgt Ion: 91 Resp: 45583

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#



#83

tert-Butylbenzene

Concen: 5.896 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.041 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

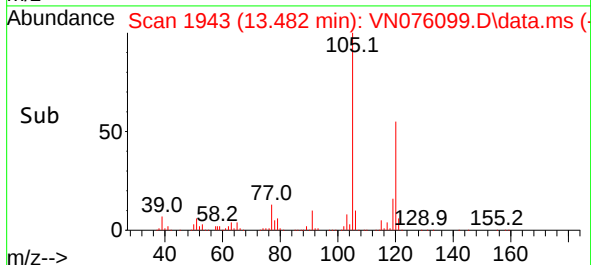
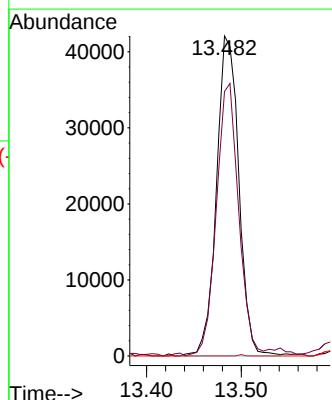
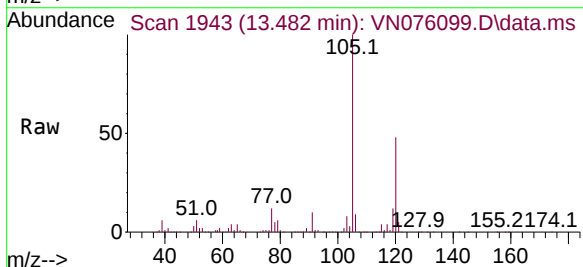
Tgt Ion: 119 Resp: 69022

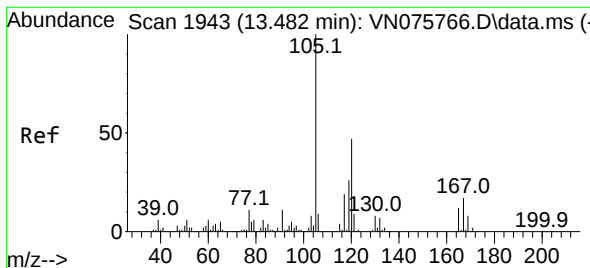
Ion Ratio Lower Upper

119 100

91 85.0 31.9 95.5

134 0.0 13.8 41.4#





#84

1,2,4-Trimethylbenzene

Concen: 42.434 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

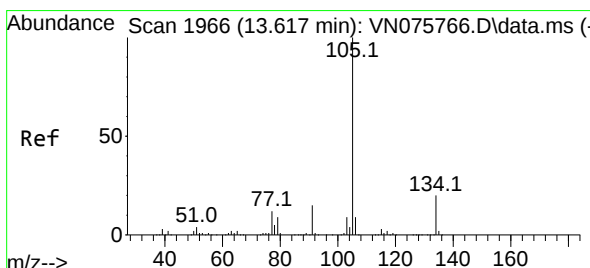
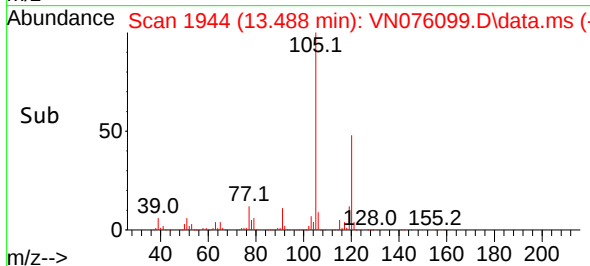
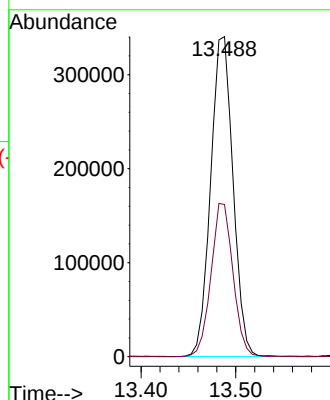
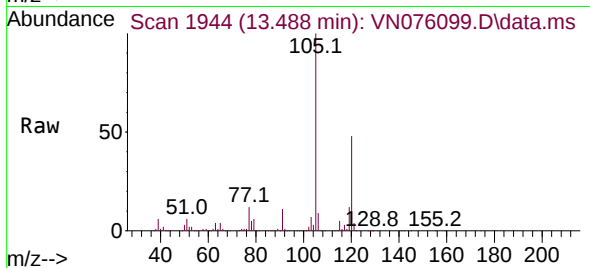
33886

Tgt Ion:105 Resp: 558986

Ion Ratio Lower Upper

105 100

120 47.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 34.593 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. -0.129 min

Lab File: VN076099.D

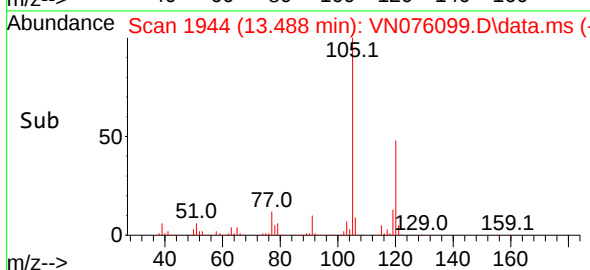
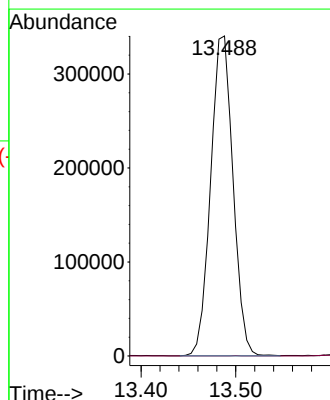
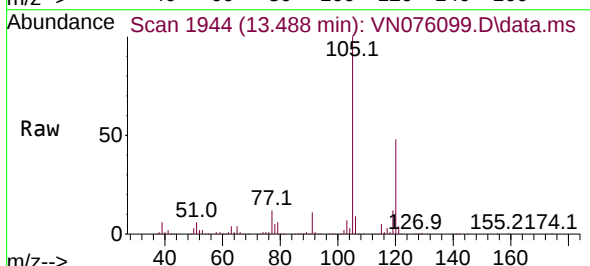
Acq: 04 Jan 2023 22:20

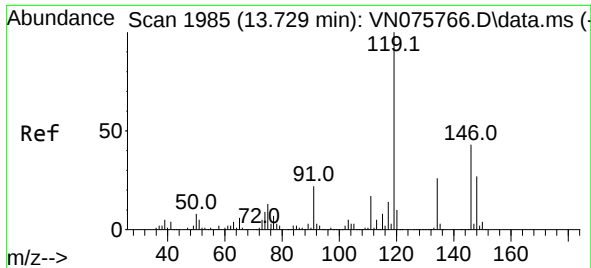
Tgt Ion:105 Resp: 558986

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#

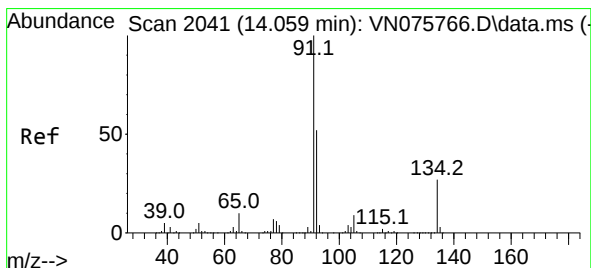
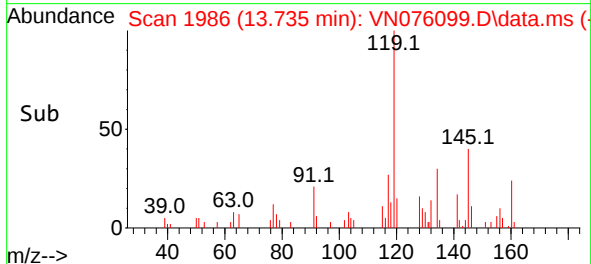
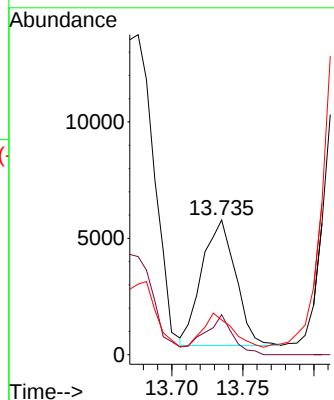
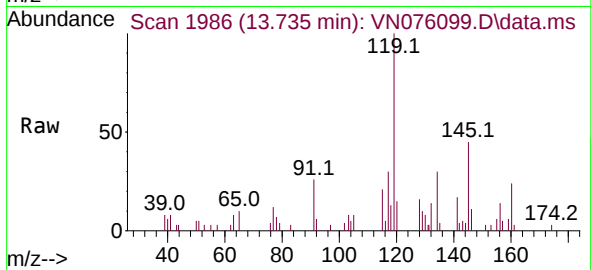




#86
p-Isopropyltoluene
Concen: 0.665 ug/l
RT: 13.735 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

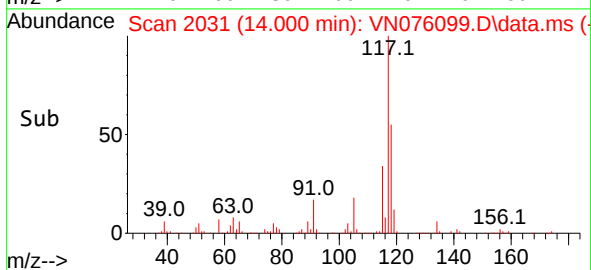
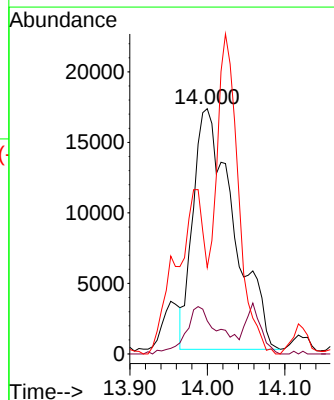
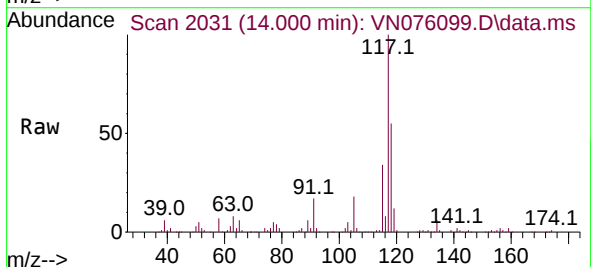
Instrument :
MSVOA_N
ClientSampleId :
33886

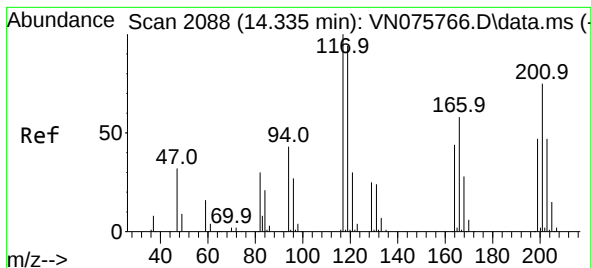
Tgt Ion:119 Resp: 8946
Ion Ratio Lower Upper
119 100
134 26.9 13.0 39.0
91 25.1 11.2 33.6



#89
n-Butylbenzene
Concen: 5.663 ug/l
RT: 14.000 min Scan# 2031
Delta R.T. -0.059 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Tgt Ion: 91 Resp: 61682
Ion Ratio Lower Upper
91 100
92 16.3 26.4 79.2#
134 47.9 13.4 40.2#





#90

Hexachloroethane

Concen: 4.462 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

Instrument :

MSVOA_N

ClientSampleId :

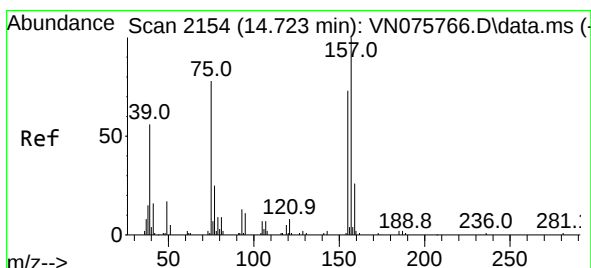
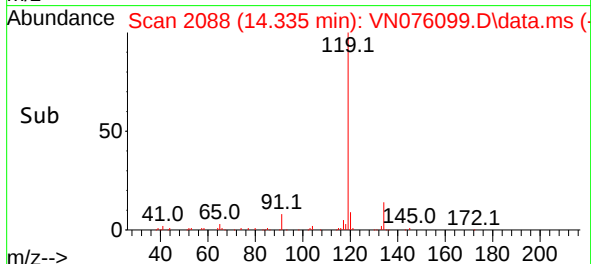
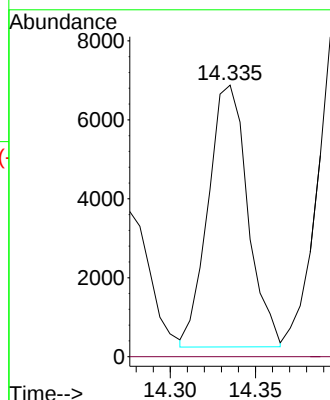
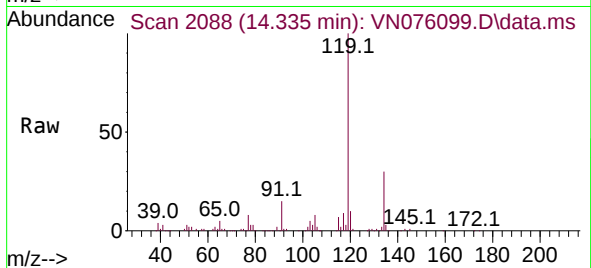
33886

Tgt Ion:117 Resp: 10731

Ion Ratio Lower Upper

117 100

201 0.0 38.0 114.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.286 ug/l

RT: 14.700 min Scan# 2150

Delta R.T. -0.024 min

Lab File: VN076099.D

Acq: 04 Jan 2023 22:20

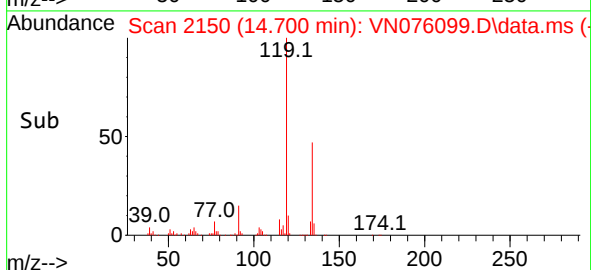
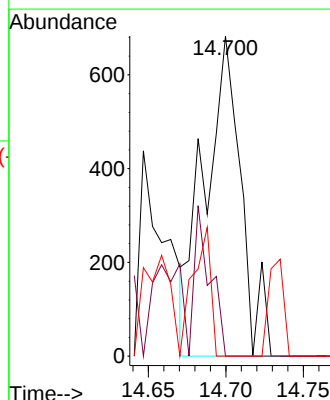
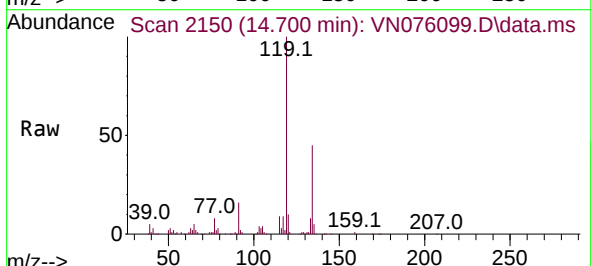
Tgt Ion: 75 Resp: 1119

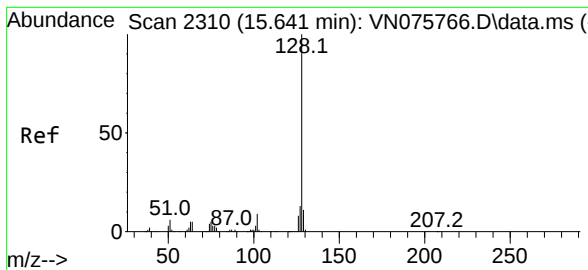
Ion Ratio Lower Upper

75 100

155 20.2 49.3 147.8#

157 19.7 63.7 191.3#





#95
Naphthalene
Concen: 9.453 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076099.D
Acq: 04 Jan 2023 22:20

Instrument :
MSVOA_N
ClientSampleId :
33886

Tgt Ion:	128	Resp:	90884
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.1	8.7	13.1

