

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076212.D
 Acq On : 11 Jan 2023 16:04
 Operator : JC\MD
 Sample : 01081-01
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31963

Quant Time: Jan 12 00:38:13 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	8.224	168	383126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	594704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	499565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	190541	45.715	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.420%
35) Dibromofluoromethane	8.165	113	169456	46.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.020%
50) Toluene-d8	10.565	98	680160	49.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.853	95	211407	46.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.700%

Target Compounds				Qvalue		
5) Bromomethane	2.906	94	1021	0.298	ug/l	94
11) Tert butyl alcohol	5.494	59	4082	6.921	ug/l #	72
16) Acetone	4.465	43	2823	1.965	ug/l	97
18) Methyl Acetate	5.041	43	2666	0.628	ug/l #	88
20) Methylene Chloride	5.271	84	7131	1.231	ug/l #	91
25) 2-Butanone	7.512	43	1725	0.857	ug/l #	86
29) Tetrahydrofuran	7.865	42	413	0.328	ug/l #	48
31) Cyclohexane	8.230	56	11818	1.980	ug/l #	29
36) 1,1-Dichloropropene	8.218	75	26871	5.492	ug/l #	49
37) Ethyl Acetate	7.571	43	2312	0.588	ug/l #	79
38) Carbon Tetrachloride	8.224	117	37598	6.866	ug/l #	16
39) Methylcyclohexane	9.600	83	11932	2.022	ug/l #	87
40) Benzene	8.606	78	105285	6.975	ug/l	98
43) Isopropyl Acetate	8.741	43	6858	1.058	ug/l #	50
48) Methyl methacrylate	9.594	41	5462	1.871	ug/l #	57
52) Toluene	10.629	92	152317	15.494	ug/l	100
53) t-1,3-Dichloropropene	10.623	75	1856	0.355	ug/l #	1
55) 1,1,2-Trichloroethane	11.000	97	1294	0.335	ug/l #	16
59) 2-Hexanone	11.200	43	805	0.282	ug/l	69
67) Ethyl Benzene	11.965	91	97752	5.649	ug/l	96
68) m/p-Xylenes	12.070	106	261676	38.204	ug/l	99
69) o-Xylene	12.400	106	233835	34.498	ug/l	98
70) Styrene	12.406	104	23508	2.181	ug/l #	1
73) Isopropylbenzene	12.700	105	16174	0.959	ug/l	97
74) N-amyl acetate	12.488	43	2542	0.514	ug/l #	45
76) 1,2,3-Trichloropropane	12.853	75	108747	23.107	ug/l #	1
78) n-propylbenzene	13.035	91	52452	2.819	ug/l	98
79) 2-Chlorotoluene	13.100	91	27776	2.391	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	184122	13.039	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	108747	83.174	ug/l #	12
82) 4-Chlorotoluene	13.100	91	27776	2.391	ug/l #	40
83) tert-Butylbenzene	13.482	119	54124	4.347	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.482	105	422994	30.196	ug/l	99
85) sec-Butylbenzene	13.482	105	422994	24.616	ug/l #	56
86) p-Isopropyltoluene	13.735	119	6714	0.470	ug/l	89
89) n-Butylbenzene	14.059	91	8524	0.736	ug/l #	70

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

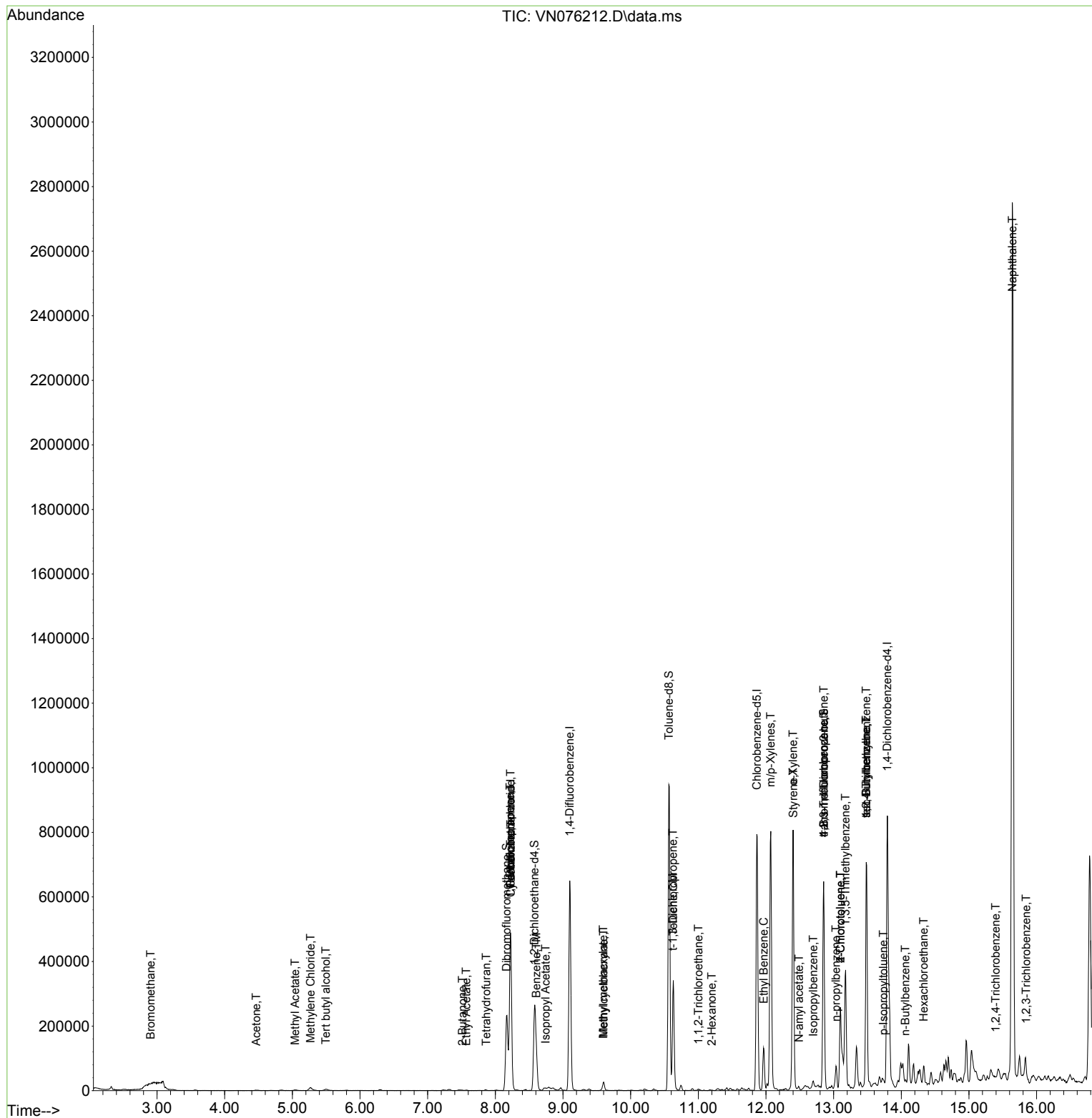
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.329	117	3469	1.356	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.394	180	1332	0.346	ug/l #	1
95) Naphthalene	15.641	128	2681006	203.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	2239	0.623	ug/l #	1

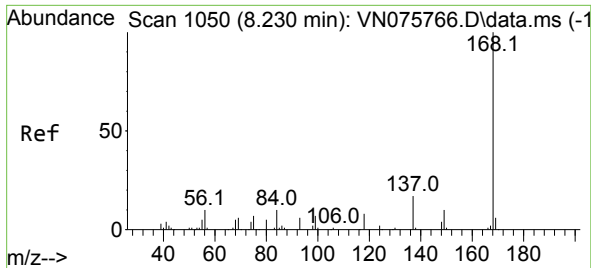
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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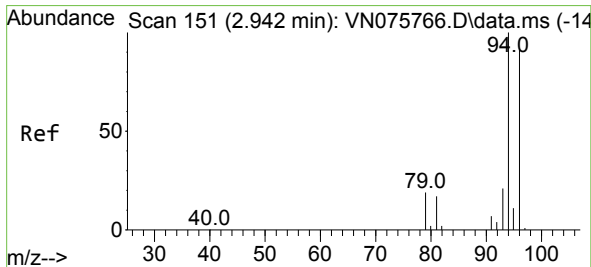
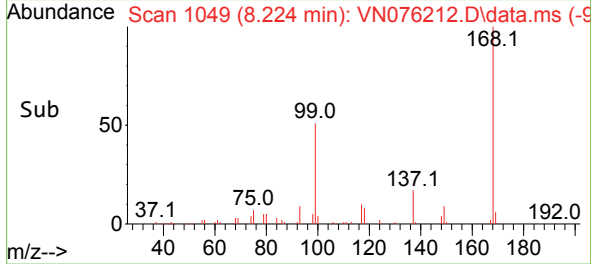
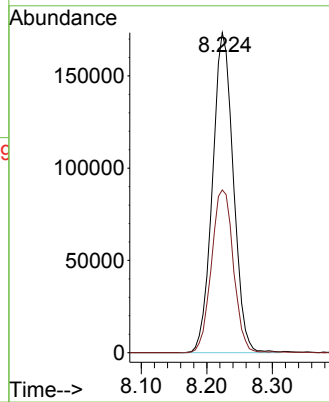
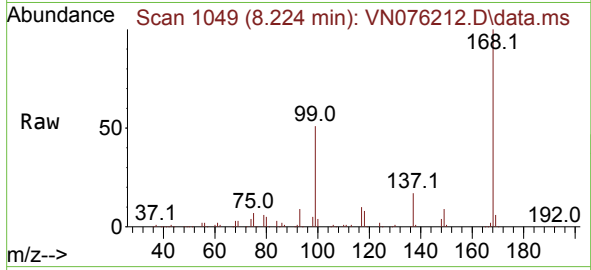




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

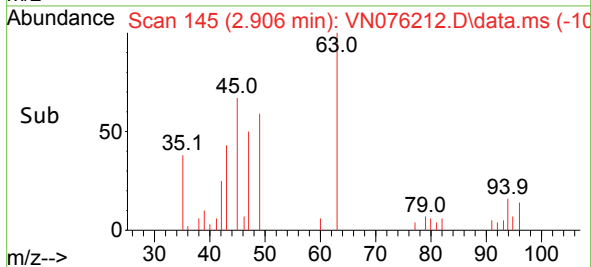
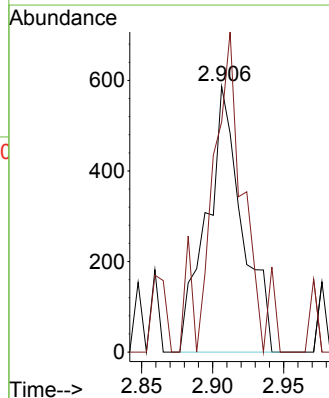
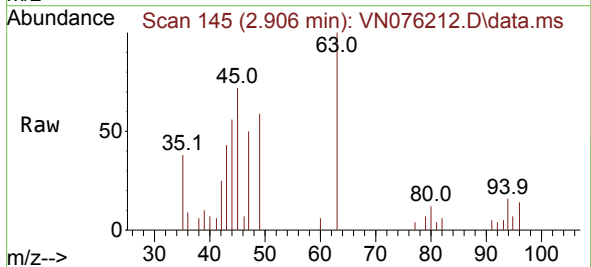
Instrument :
MSVOA_N
ClientSampleId :
31963

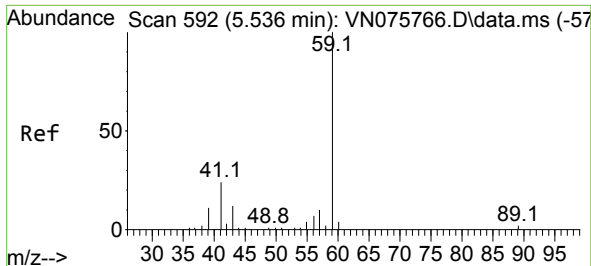
Tgt Ion:168 Resp: 383126
Ion Ratio Lower Upper
168 100
99 50.9 44.2 66.4



#5
Bromomethane
Concen: 0.298 ug/l
RT: 2.906 min Scan# 145
Delta R.T. -0.035 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion: 94 Resp: 1021
Ion Ratio Lower Upper
94 100
96 86.5 73.8 110.6





#11

Tert butyl alcohol

Concen: 6.921 ug/l

RT: 5.494 min Scan# 5

Delta R.T. -0.041 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

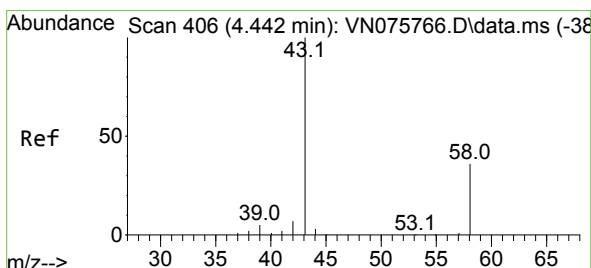
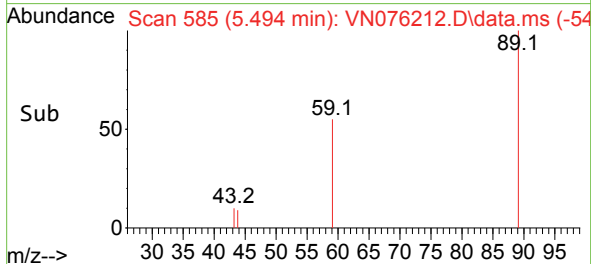
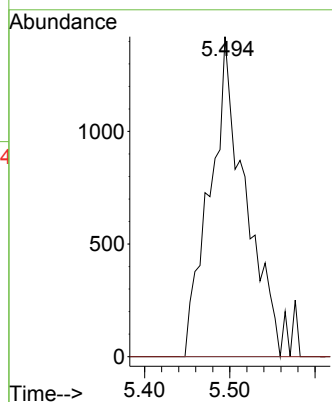
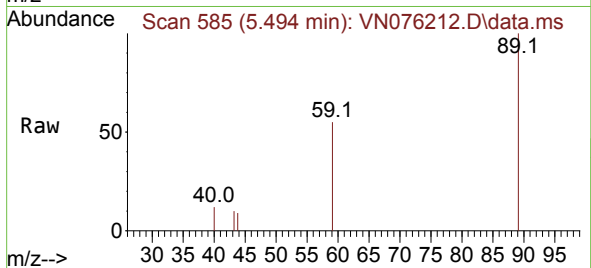
31963

Tgt Ion: 59 Resp: 4082

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.965 ug/l

RT: 4.465 min Scan# 410

Delta R.T. 0.023 min

Lab File: VN076212.D

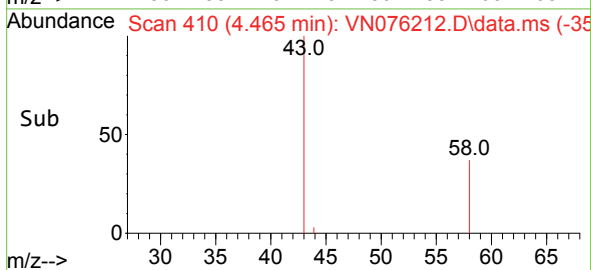
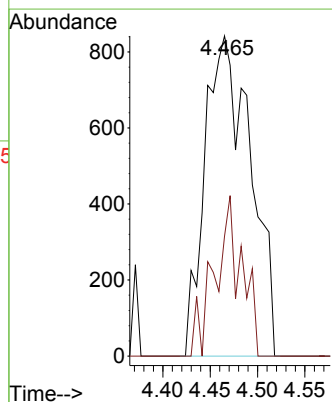
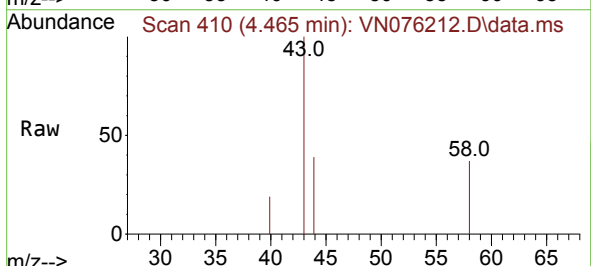
Acq: 11 Jan 2023 16:04

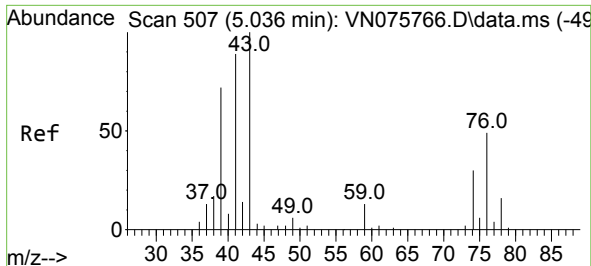
Tgt Ion: 43 Resp: 2823

Ion Ratio Lower Upper

43 100

58 37.4 28.6 43.0

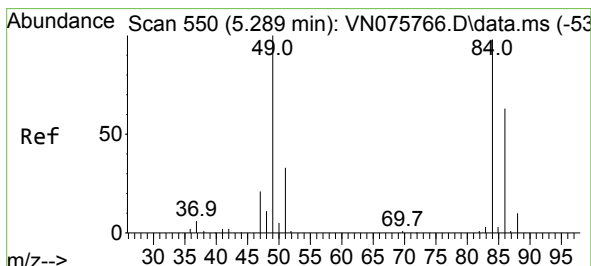
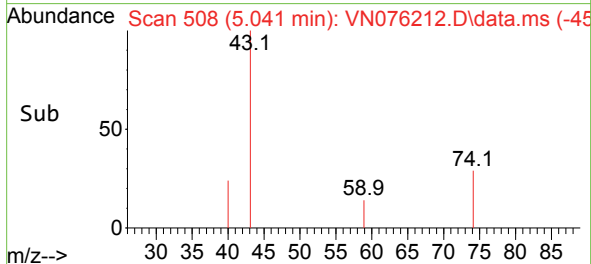
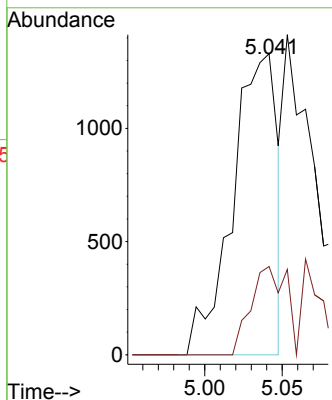
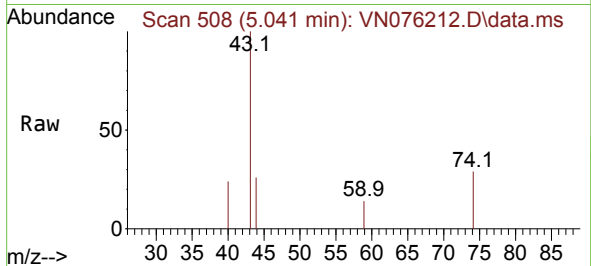




#18
Methyl Acetate
Concen: 0.628 ug/l
RT: 5.041 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

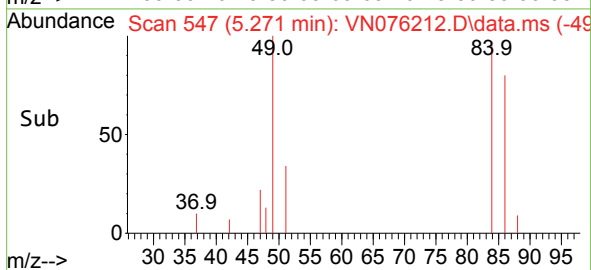
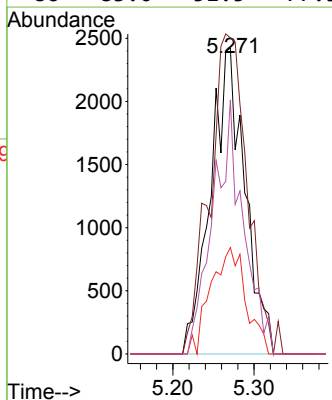
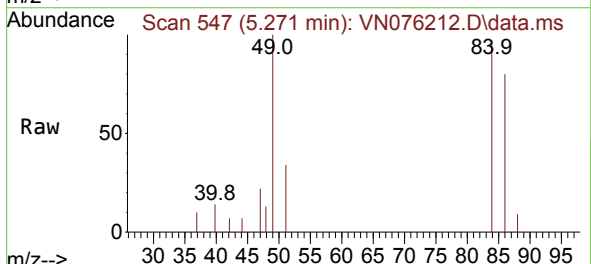
Instrument :
MSVOA_N
ClientSampleId :
31963

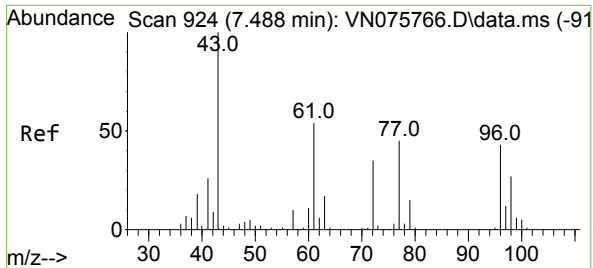
Tgt Ion: 43 Resp: 2666
Ion Ratio Lower Upper
43 100
74 23.1 23.6 35.4#



#20
Methylene Chloride
Concen: 1.231 ug/l
RT: 5.271 min Scan# 547
Delta R.T. -0.018 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion: 84 Resp: 7131
Ion Ratio Lower Upper
84 100
49 103.3 81.8 122.6
51 34.8 26.7 40.1
86 83.0 51.5 77.3#





#25

2-Butanone

Concen: 0.857 ug/l

RT: 7.512 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

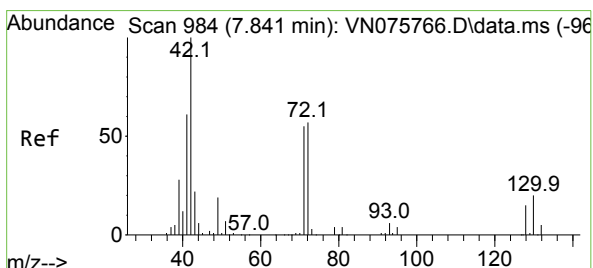
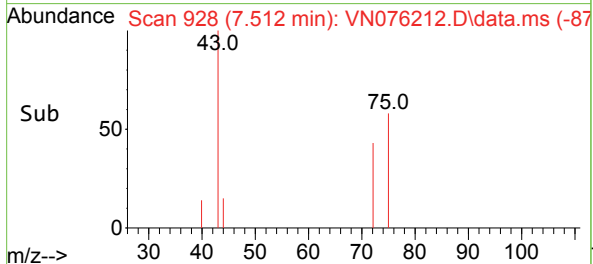
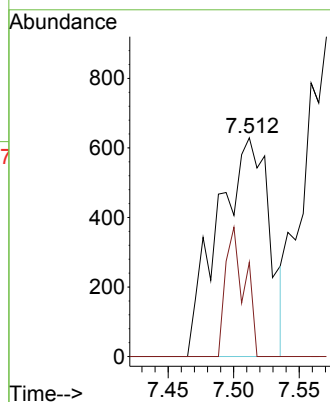
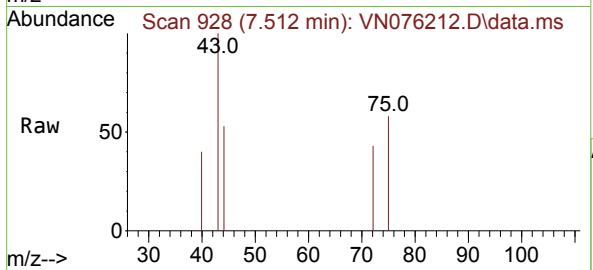
31963

Tgt Ion: 43 Resp: 1725

Ion Ratio Lower Upper

43 100

72 43.1 28.0 42.0#



#29

Tetrahydrofuran

Concen: 0.328 ug/l

RT: 7.865 min Scan# 988

Delta R.T. 0.023 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

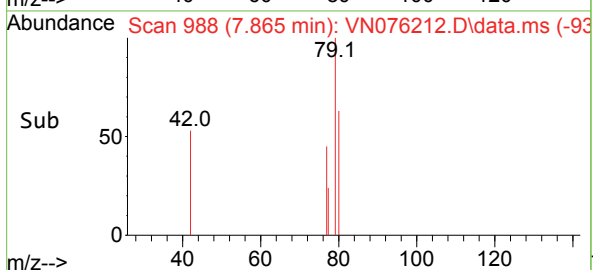
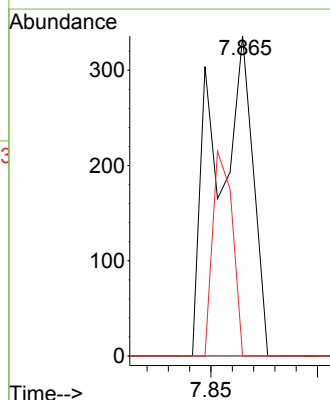
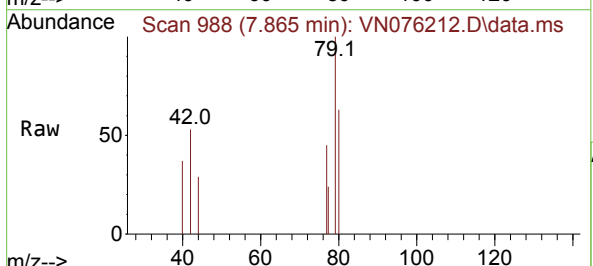
Tgt Ion: 42 Resp: 413

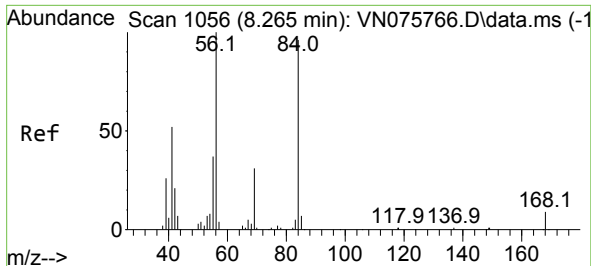
Ion Ratio Lower Upper

42 100

72 0.0 44.5 66.7#

71 33.4 41.0 61.6#

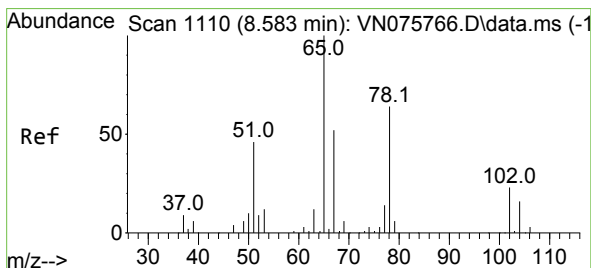
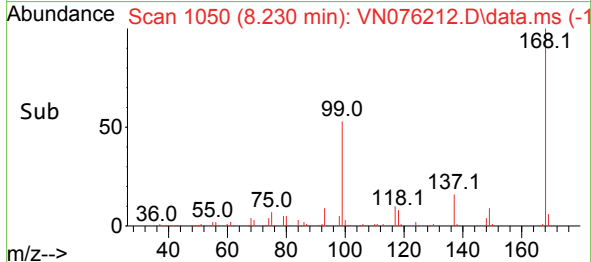
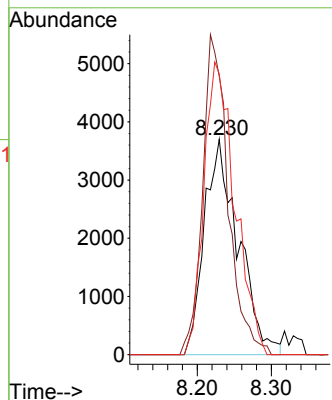
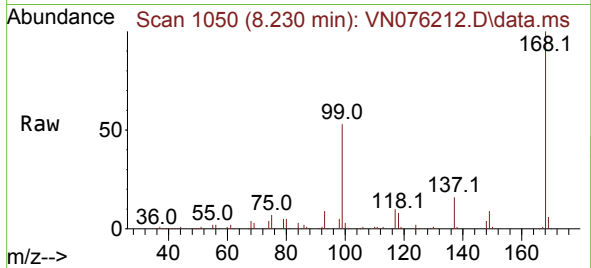




#31
Cyclohexane
Concen: 1.980 ug/l
RT: 8.230 min Scan# 1109
Delta R.T. -0.035 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

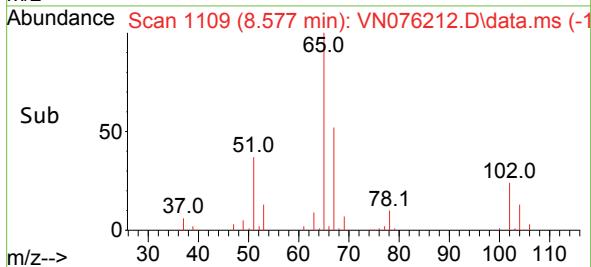
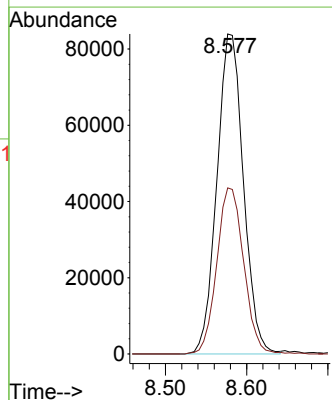
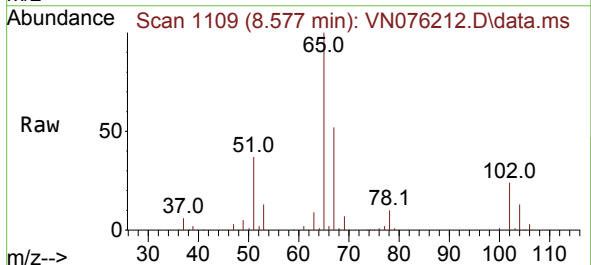
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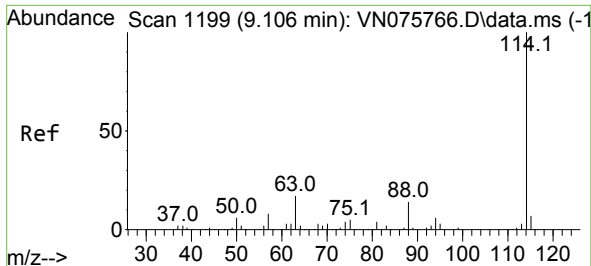
Tgt Ion: 56 Resp: 11818
Ion Ratio Lower Upper
56 100
69 129.3 24.7 37.1#
84 130.4 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 45.715 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion: 65 Resp: 190541
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

31963

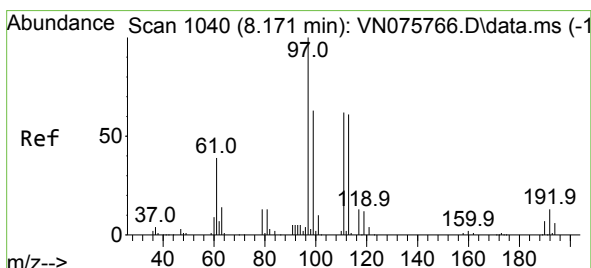
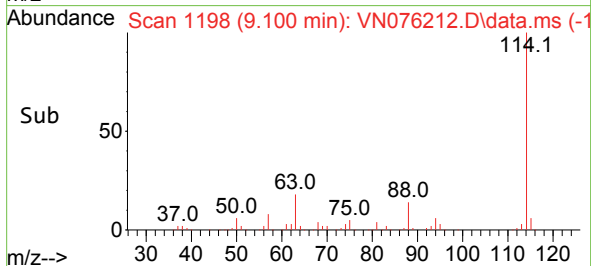
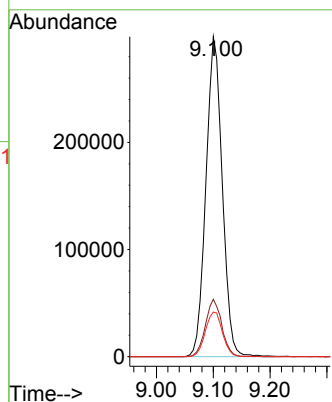
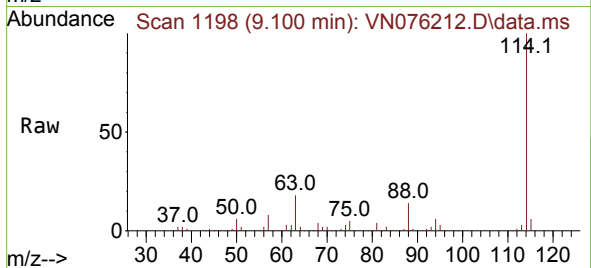
Tgt Ion:114 Resp: 594704

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 14.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.011 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

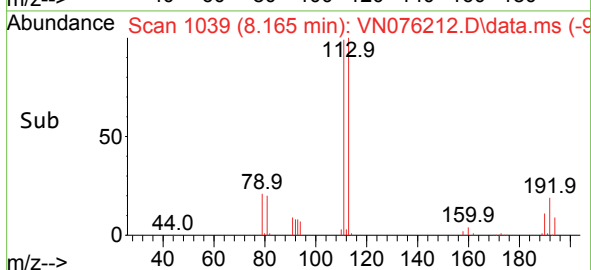
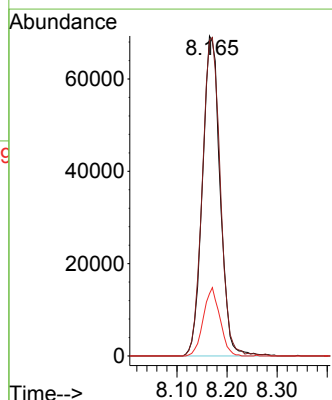
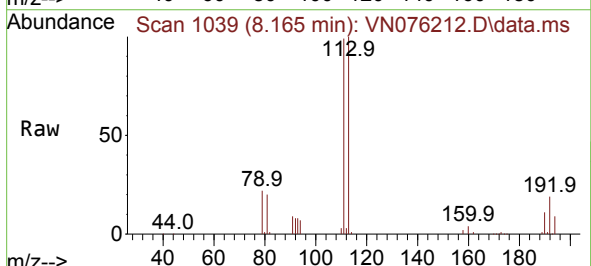
Tgt Ion:113 Resp: 169456

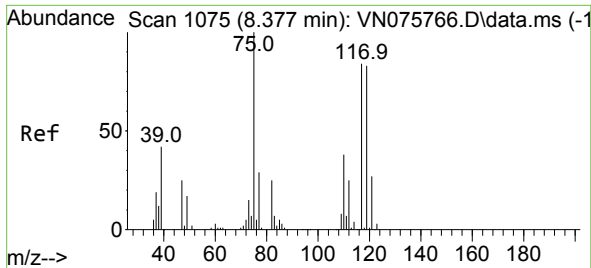
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 20.1 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.492 ug/l

RT: 8.218 min Scan# 1048

Delta R.T. -0.159 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

31963

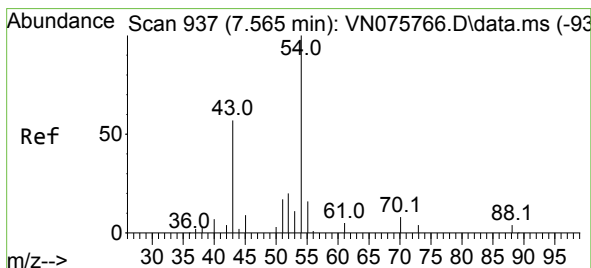
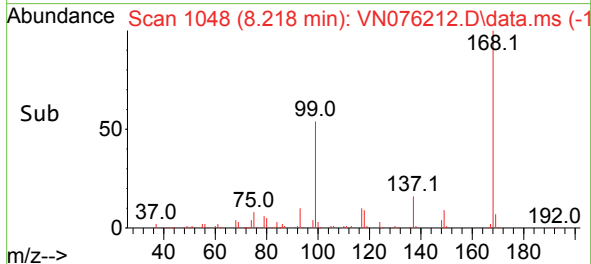
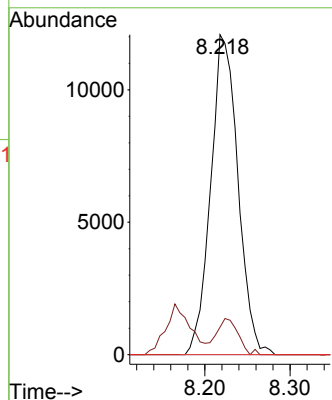
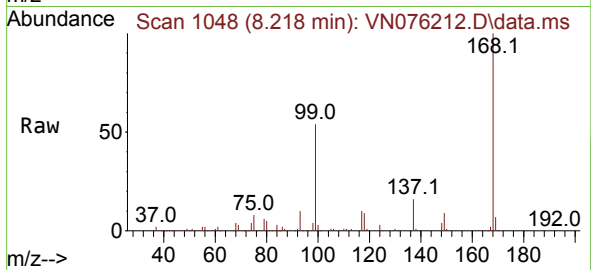
Tgt Ion: 75 Resp: 26871

Ion Ratio Lower Upper

75 100

110 9.2 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 0.588 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

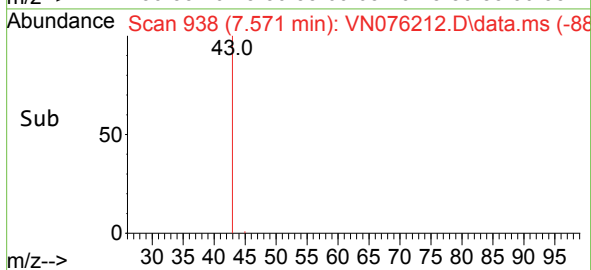
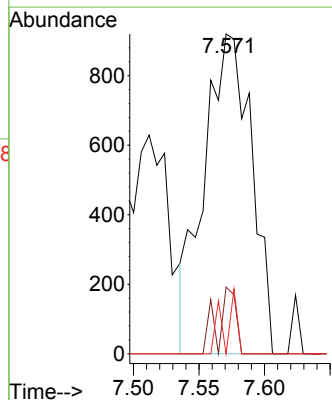
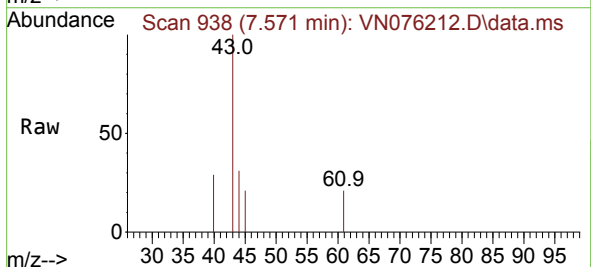
Tgt Ion: 43 Resp: 2312

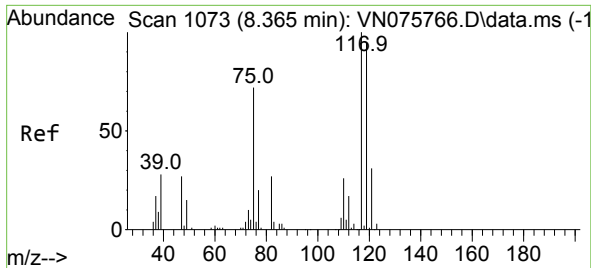
Ion Ratio Lower Upper

43 100

61 7.9 13.0 19.4#

70 2.3 9.4 14.0#

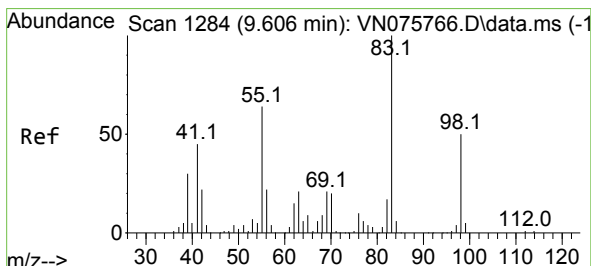
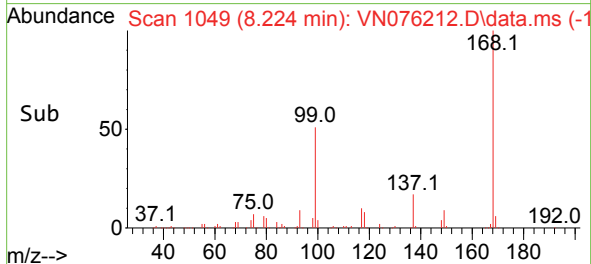
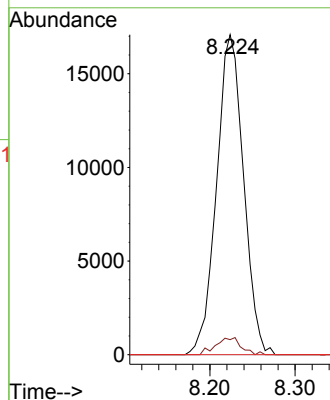
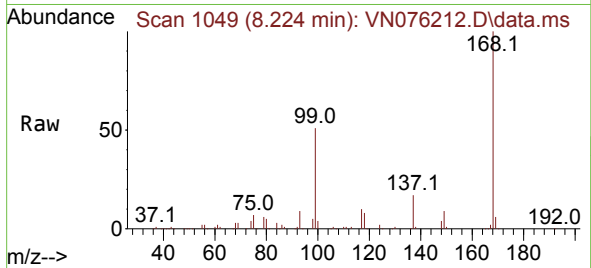




#38
Carbon Tetrachloride
Concen: 6.866 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

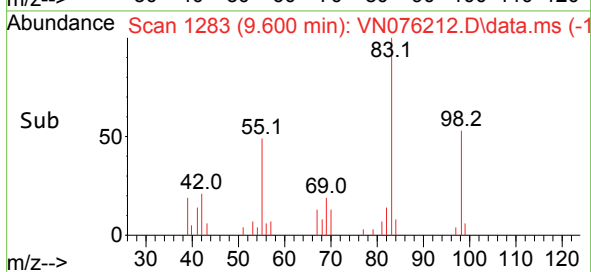
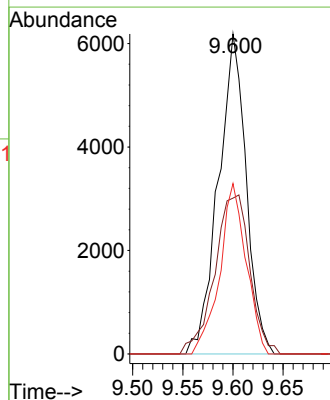
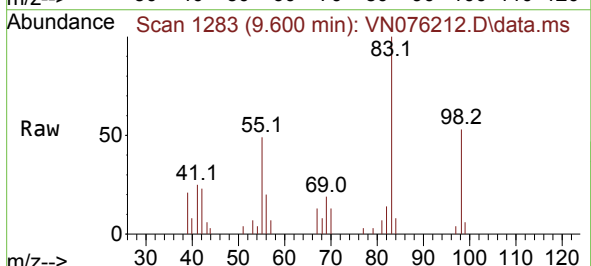
Instrument :
MSVOA_N
ClientSampleId :
31963

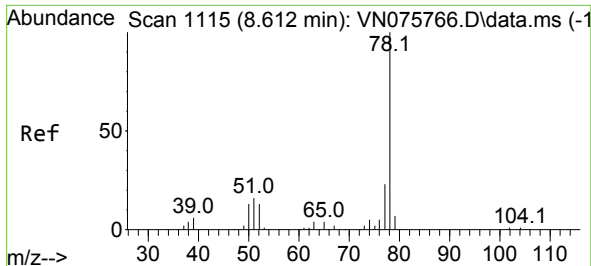
Tgt Ion:117 Resp: 37598
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 2.022 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion: 83 Resp: 11932
Ion Ratio Lower Upper
83 100
55 48.7 51.4 77.0#
98 53.2 39.8 59.8

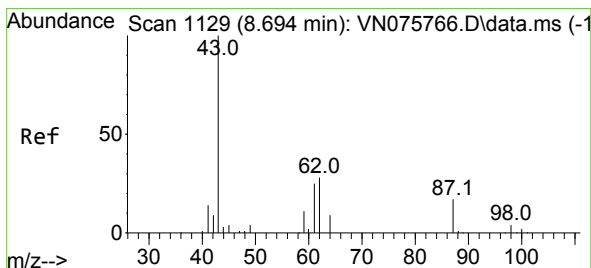
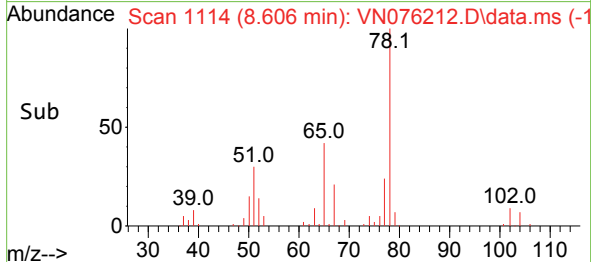
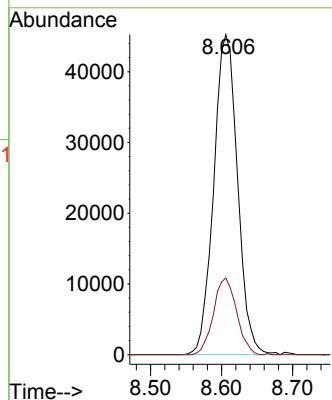
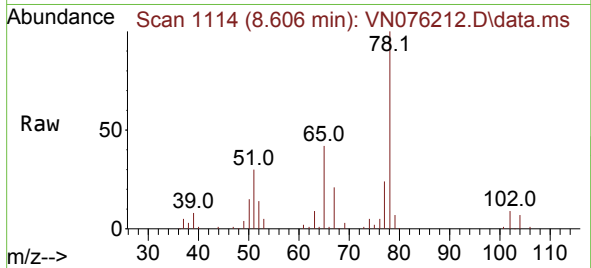




#40
Benzene
Concen: 6.975 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

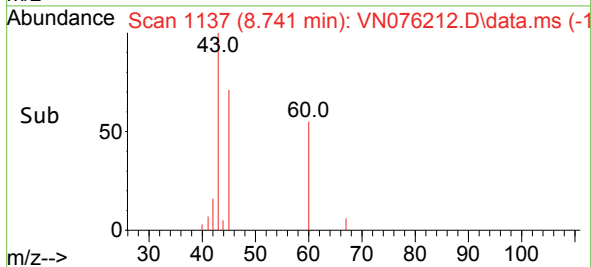
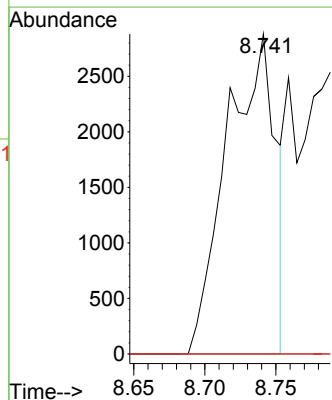
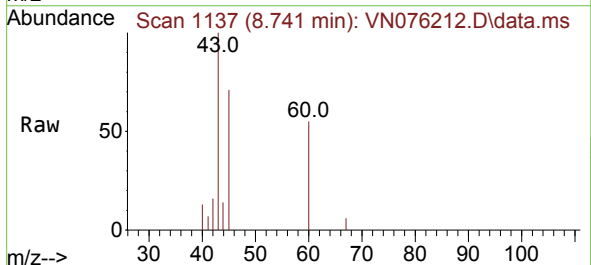
Instrument :
MSVOA_N
ClientSampleId :
31963

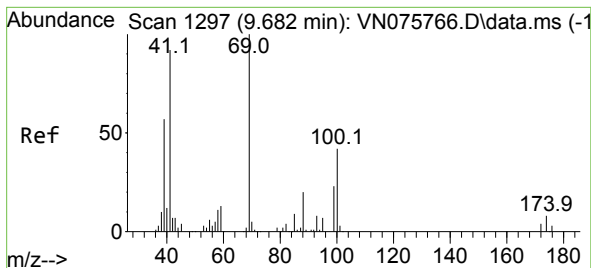
Tgt Ion: 78 Resp: 105285
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7



#43
Isopropyl Acetate
Concen: 1.058 ug/l
RT: 8.741 min Scan# 1137
Delta R.T. 0.047 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion: 43 Resp: 6858
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#





#48

Methyl methacrylate

Concen: 1.871 ug/l

RT: 9.594 min Scan# 11

Delta R.T. -0.088 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

31963

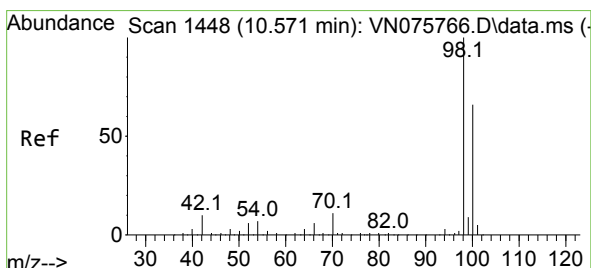
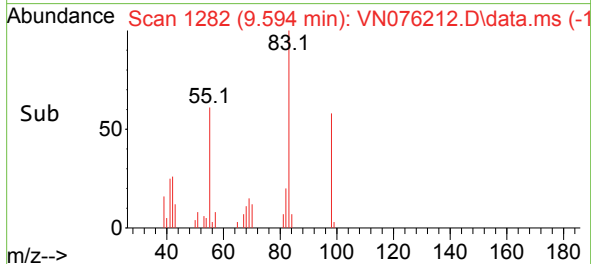
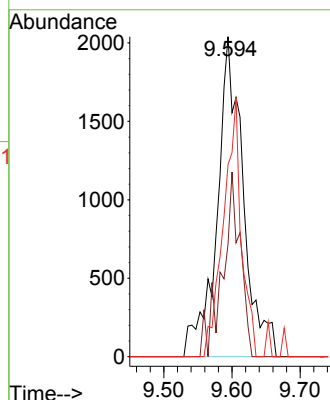
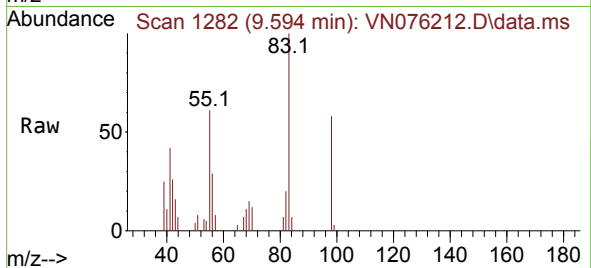
Tgt Ion: 41 Resp: 5462

Ion Ratio Lower Upper

41 100

69 39.1 81.9 122.9#

39 55.2 51.6 77.4



#50

Toluene-d8

Concen: 49.394 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076212.D

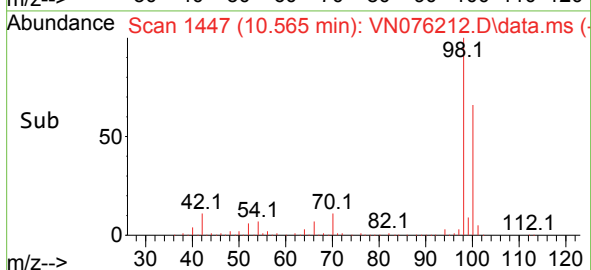
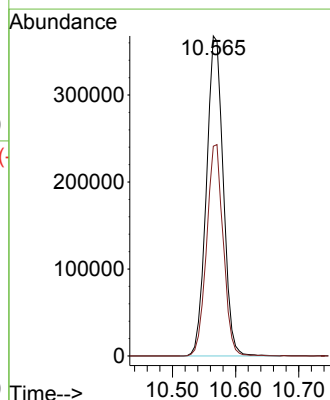
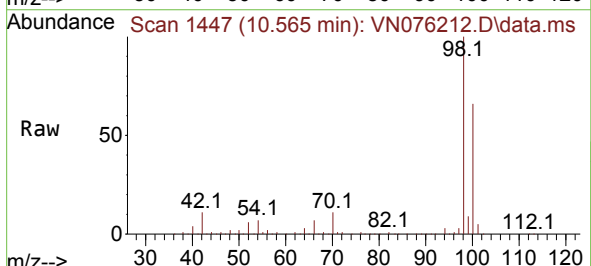
Acq: 11 Jan 2023 16:04

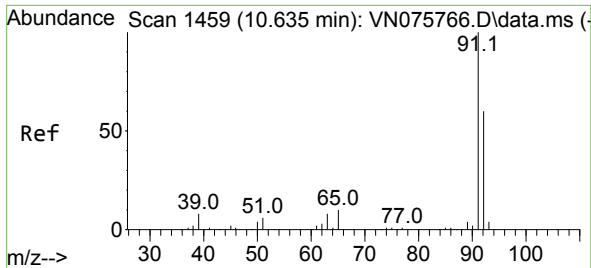
Tgt Ion: 98 Resp: 680160

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

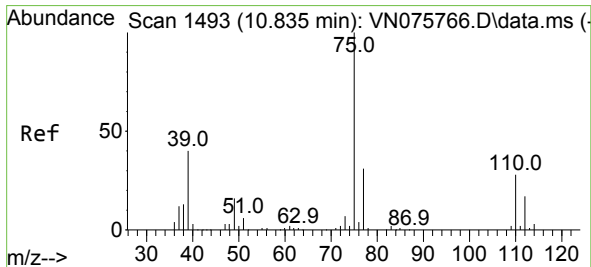
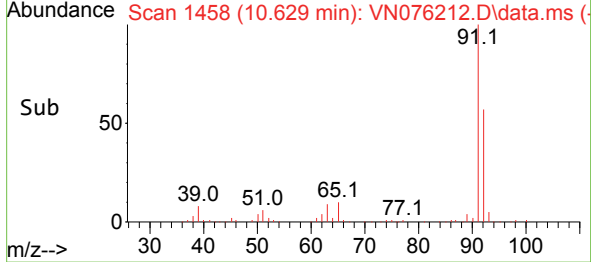
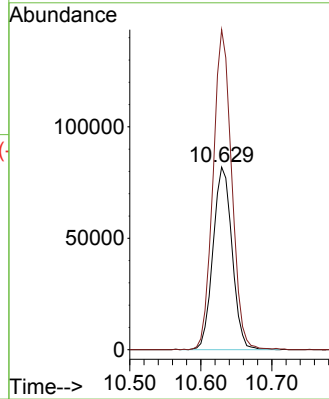
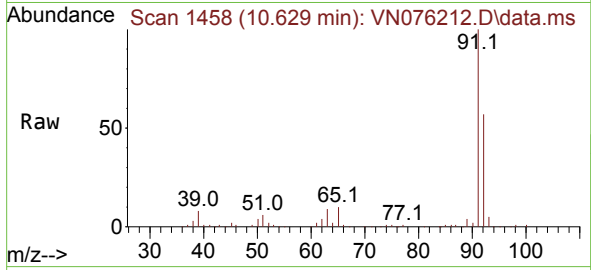




#52
Toluene
Concen: 15.494 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

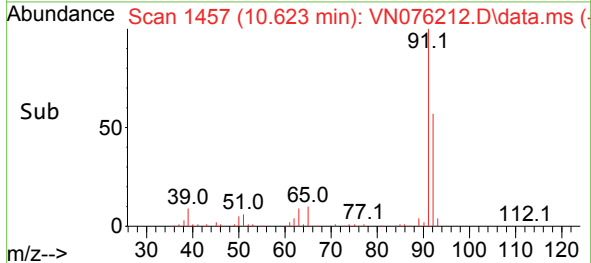
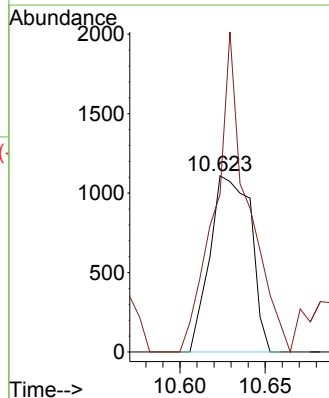
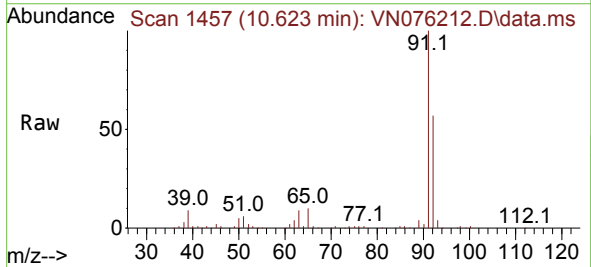
Instrument :
MSVOA_N
ClientSampleId :
31963

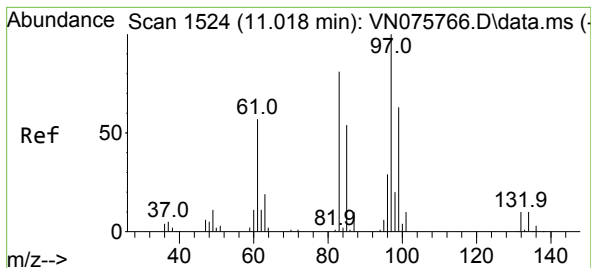
Tgt Ion: 92 Resp: 152317
Ion Ratio Lower Upper
92 100
91 171.4 137.3 205.9



#53
t-1,3-Dichloropropene
Concen: 0.355 ug/l
RT: 10.623 min Scan# 1457
Delta R.T. -0.212 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

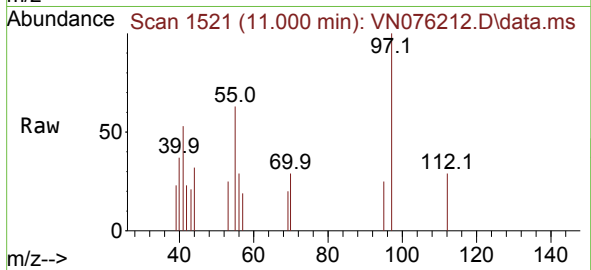
Tgt Ion: 75 Resp: 1856
Ion Ratio Lower Upper
75 100
77 89.4 24.9 37.3#



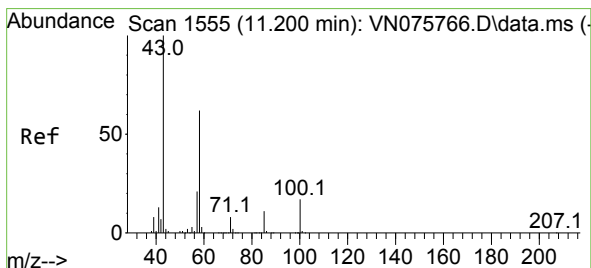
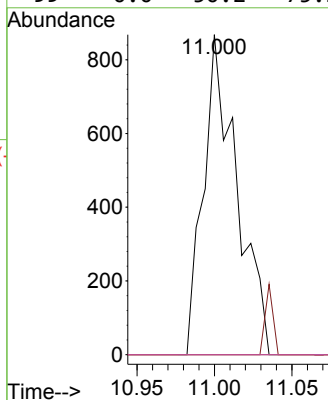
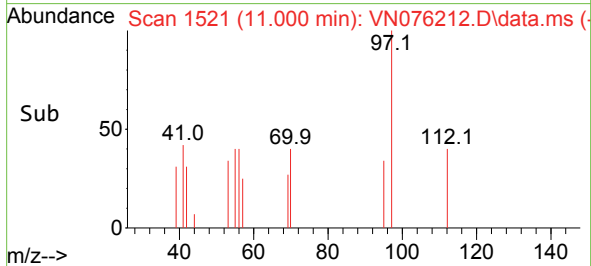


#55
1,1,2-Trichloroethane
Concen: 0.335 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
31963

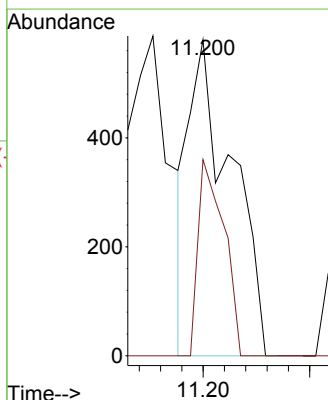
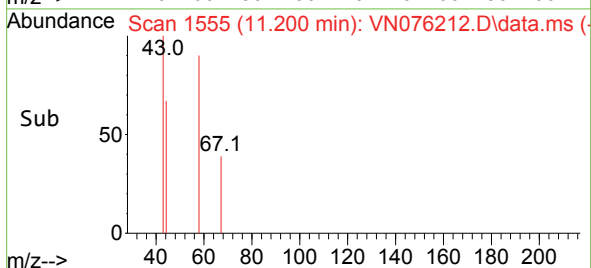
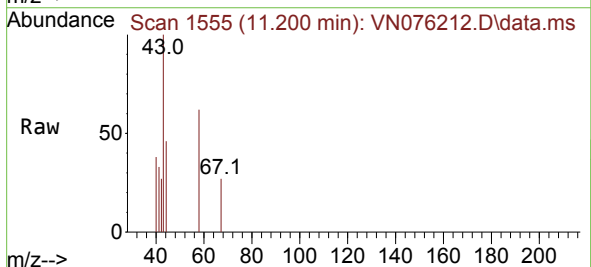


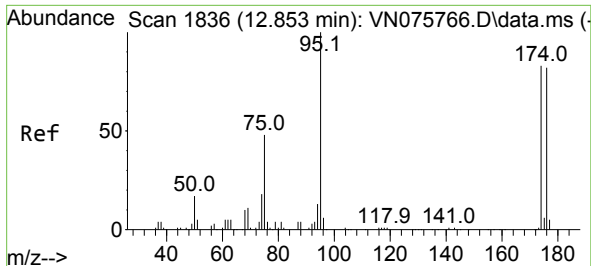
Tgt Ion:	97	Resp:	1294
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.0	97.4#
85	0.0	43.0	64.6#
99	0.0	50.2	75.2#



#59
2-Hexanone
Concen: 0.282 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion:	43	Resp:	805
Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.6	92.0

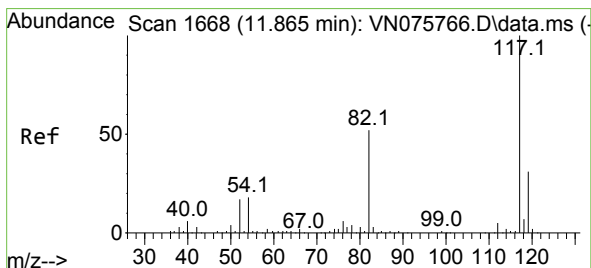
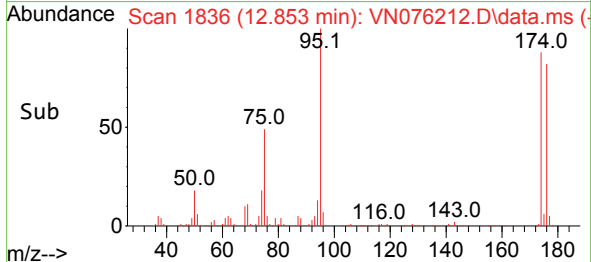
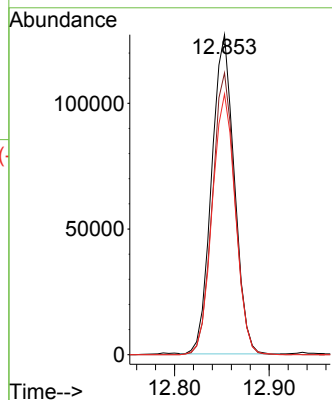
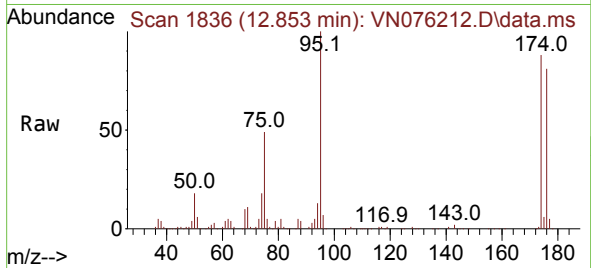




#62
4-Bromofluorobenzene
Concen: 46.353 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

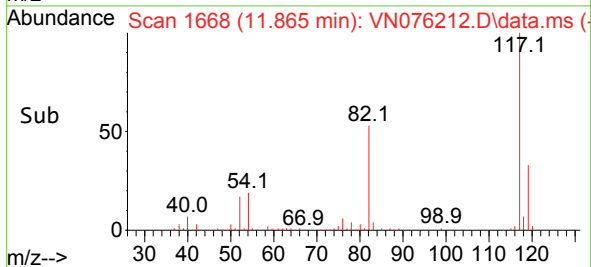
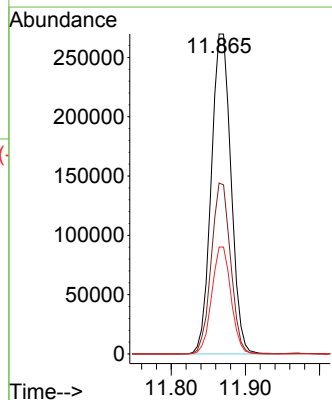
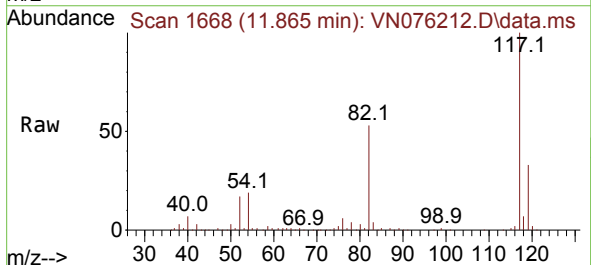
Instrument :
MSVOA_N
ClientSampleId :
31963

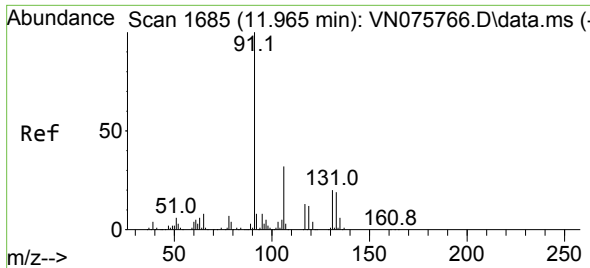
Tgt Ion: 95 Resp: 211407
Ion Ratio Lower Upper
95 100
174 88.3 0.0 171.6
176 83.6 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion: 117 Resp: 499565
Ion Ratio Lower Upper
117 100
82 53.4 41.3 61.9
119 33.4 24.6 37.0

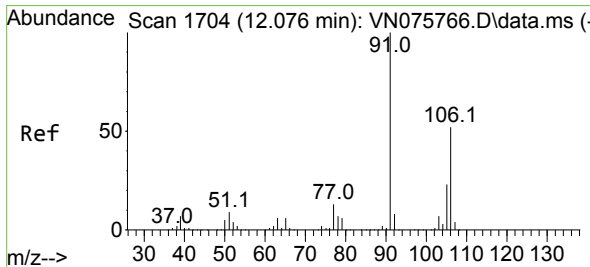
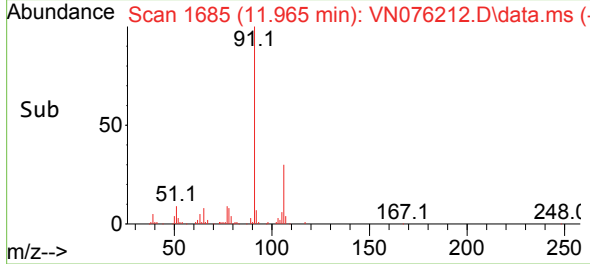
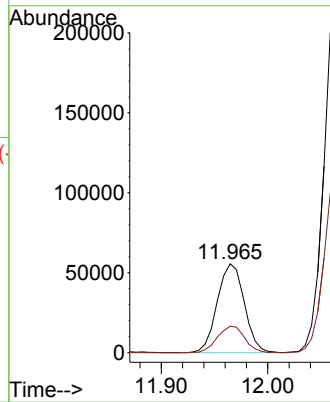
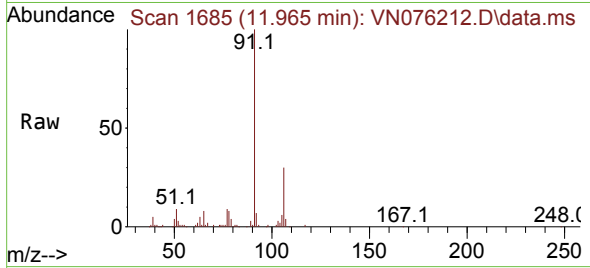




#67
Ethyl Benzene
Concen: 5.649 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

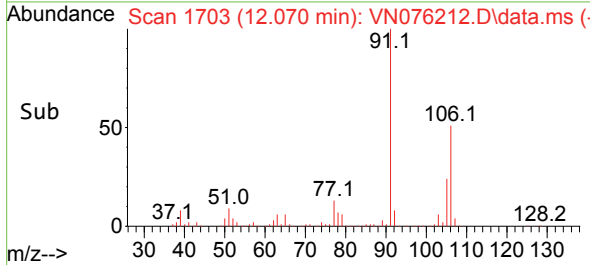
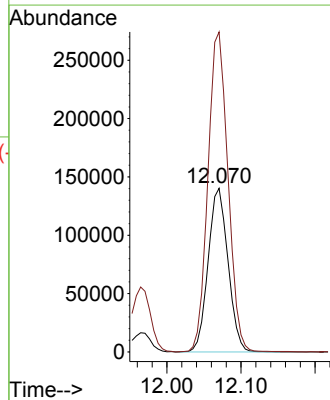
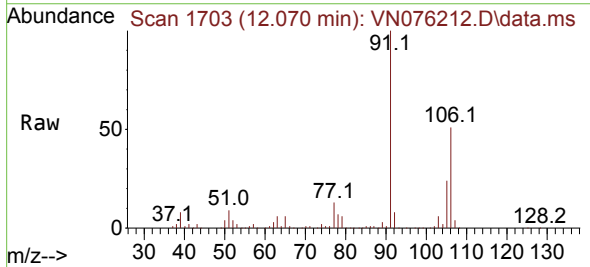
Instrument :
MSVOA_N
ClientSampleId :
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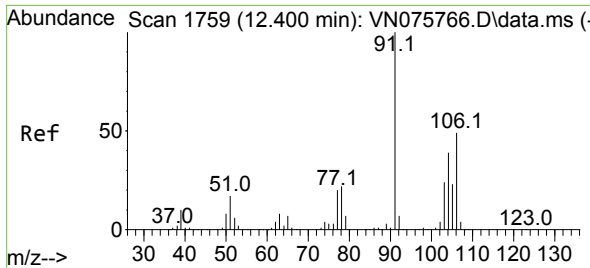
Tgt Ion: 91 Resp: 97752
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5



#68
m/p-Xylenes
Concen: 38.204 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion:106 Resp: 261676
Ion Ratio Lower Upper
106 100
91 196.9 156.6 235.0

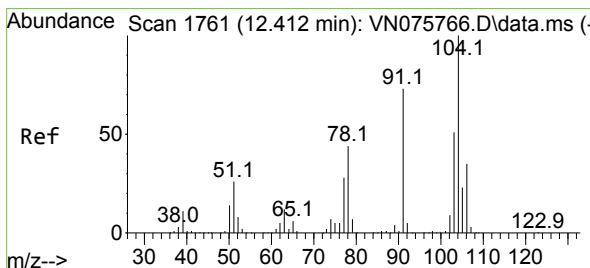
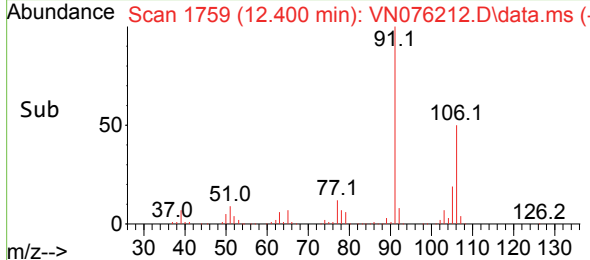
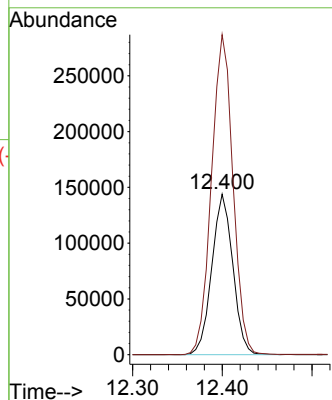
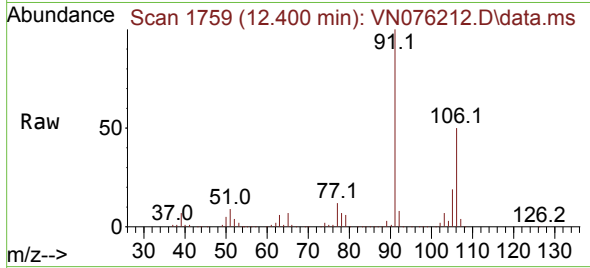




#69
o-Xylene
Concen: 34.498 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

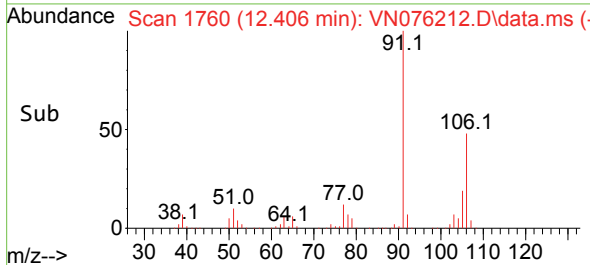
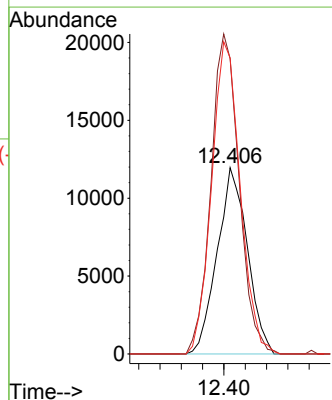
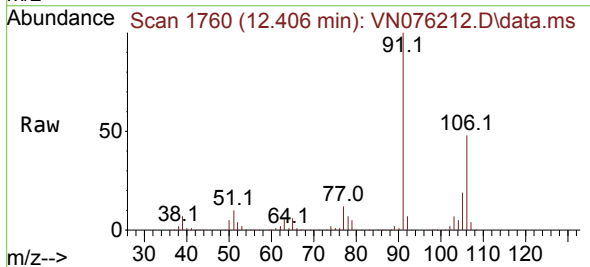
Instrument :
MSVOA_N
ClientSampleId :
31963

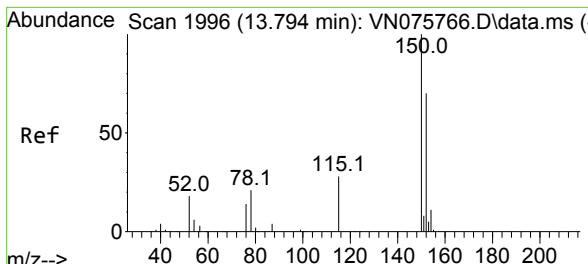
Tgt Ion:106 Resp: 233835
Ion Ratio Lower Upper
106 100
91 203.9 103.8 311.6



#70
Styrene
Concen: 2.181 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion:104 Resp: 23508
Ion Ratio Lower Upper
104 100
78 160.0 37.5 56.3#
103 158.5 43.5 65.3#

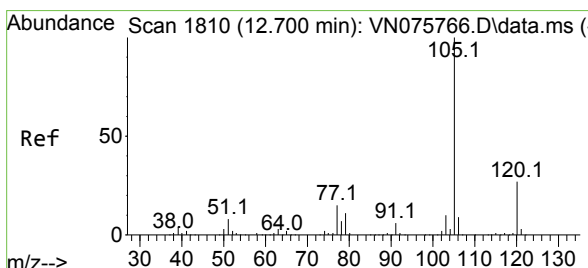
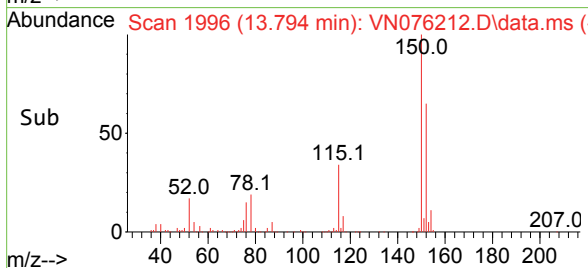
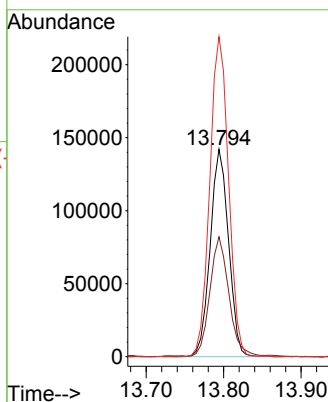
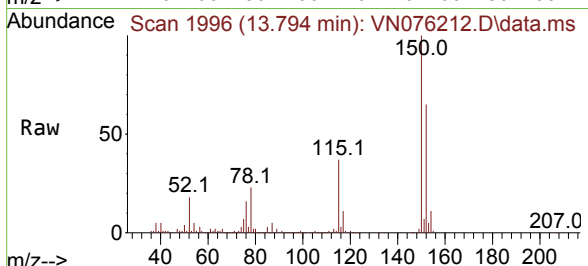




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

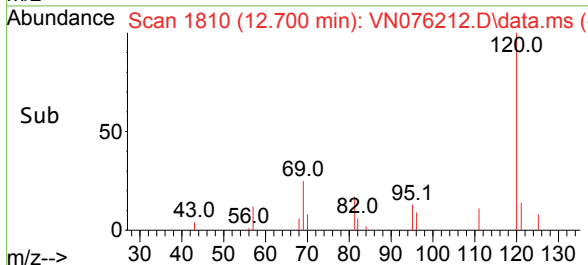
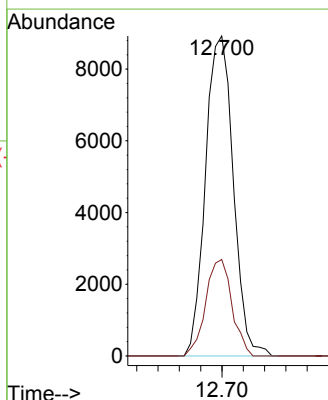
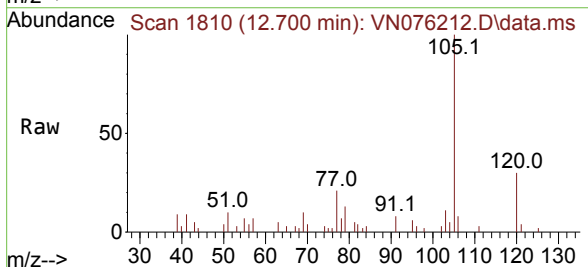
Instrument :
MSVOA_N
ClientSampleId :
31963

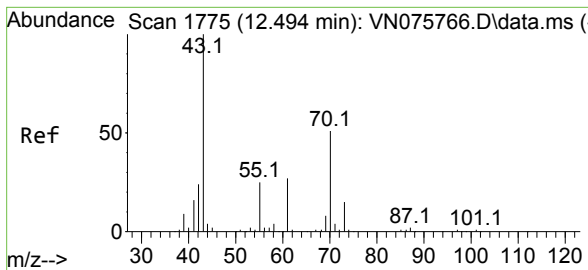
Tgt Ion:152 Resp: 233471
Ion Ratio Lower Upper
152 100
115 60.6 29.1 87.4
150 157.6 0.0 347.0



#73
Isopropylbenzene
Concen: 0.959 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion:105 Resp: 16174
Ion Ratio Lower Upper
105 100
120 28.5 13.4 40.2

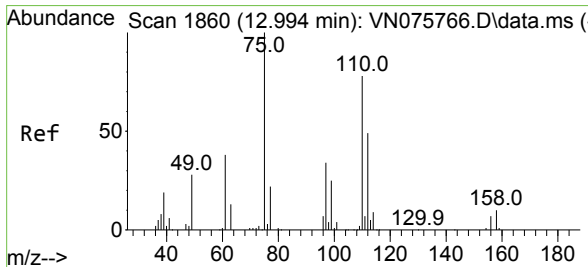
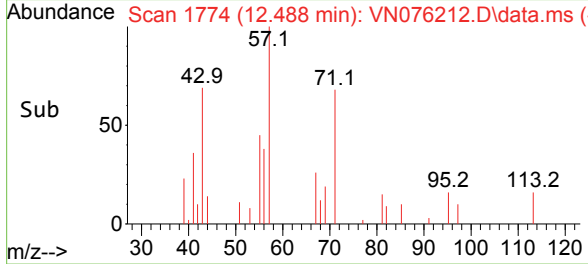
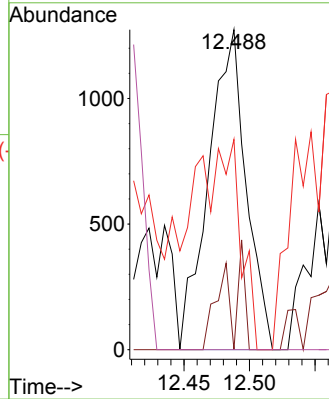
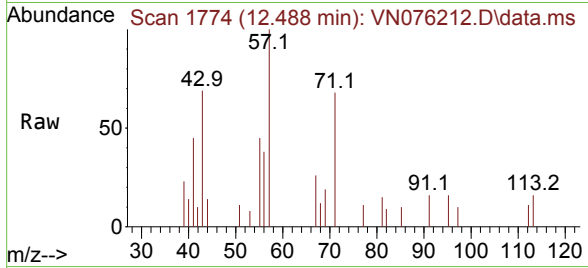




#74
N-amy1 acetate
Concen: 0.514 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

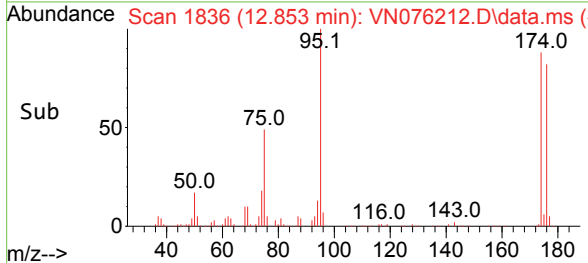
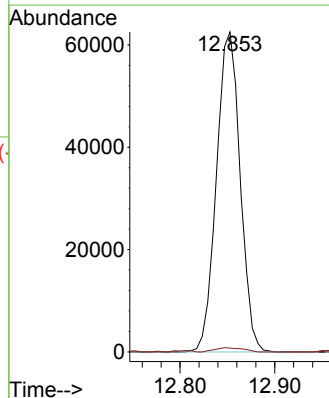
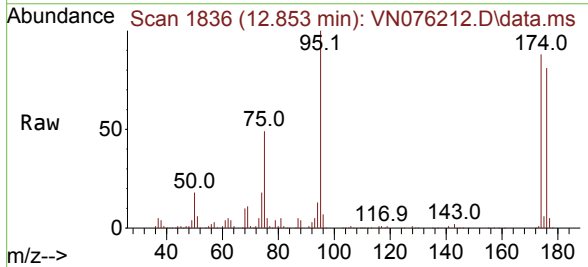
Instrument :
MSVOA_N
ClientSampleId :
31963

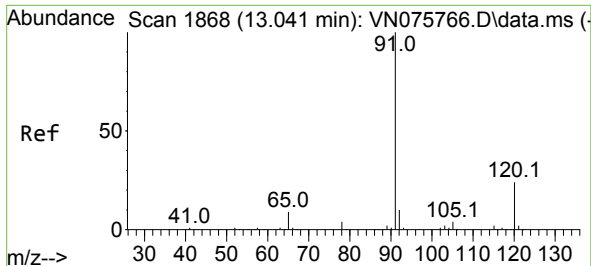
Tgt Ion: 43 Resp: 2542
Ion Ratio Lower Upper
43 100
70 10.0 41.4 62.0#
55 0.0 21.3 31.9#
61 0.0 21.2 31.8#



#76
1,2,3-Trichloropropane
Concen: 23.107 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion: 75 Resp: 108747
Ion Ratio Lower Upper
75 100
77 1.6 82.6 247.8#

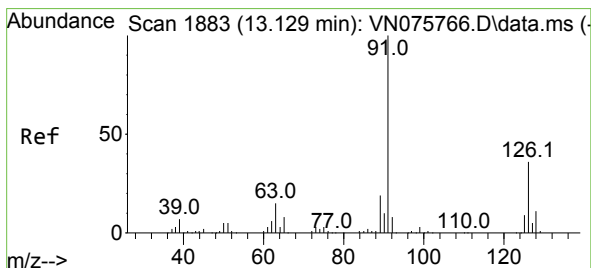
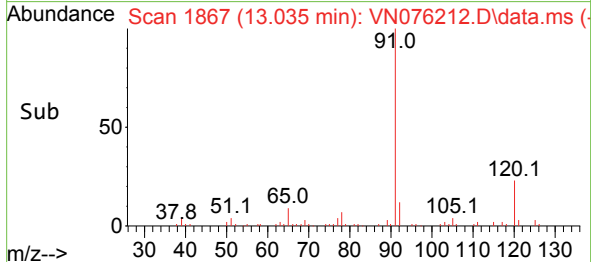
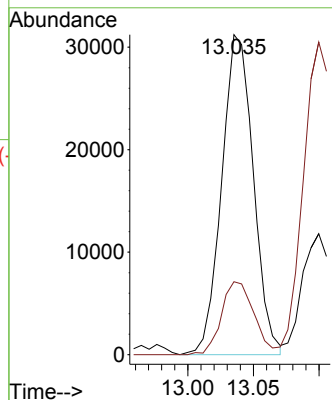
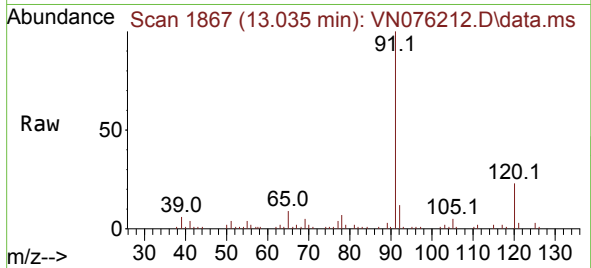




#78
n-propylbenzene
Concen: 2.819 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

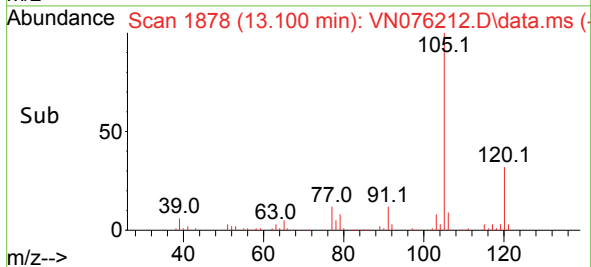
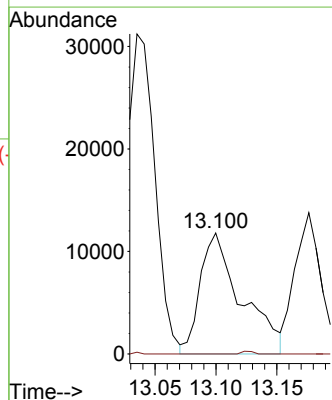
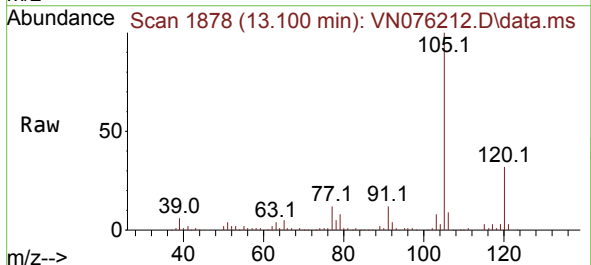
Instrument :
MSVOA_N
ClientSampleId :
31963

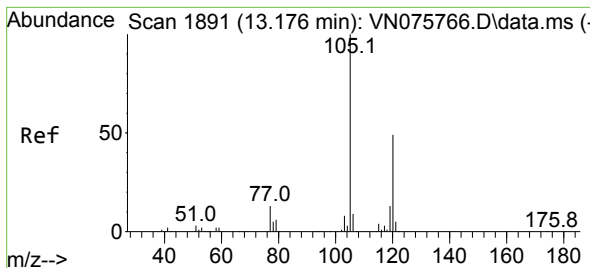
Tgt Ion: 91 Resp: 52452
Ion Ratio Lower Upper
91 100
120 23.2 12.0 36.1



#79
2-Chlorotoluene
Concen: 2.391 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.030 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion: 91 Resp: 27776
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 13.039 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

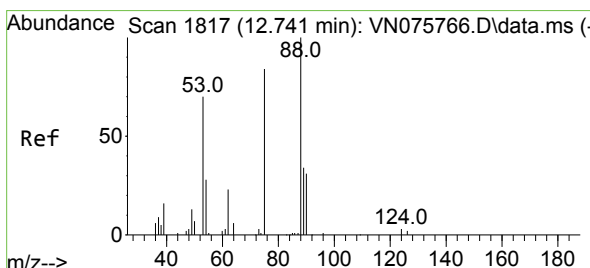
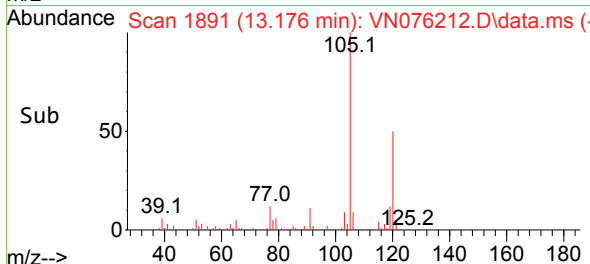
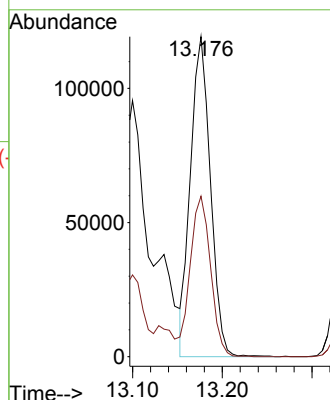
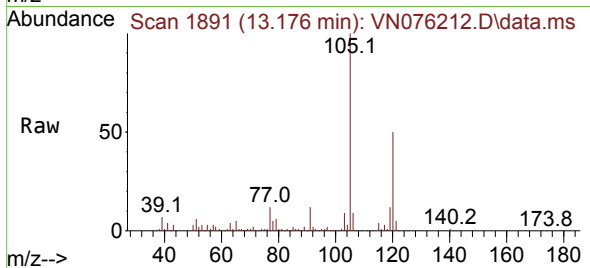
31963

Tgt Ion:105 Resp: 184122

Ion Ratio Lower Upper

105 100

120 51.9 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 83.174 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

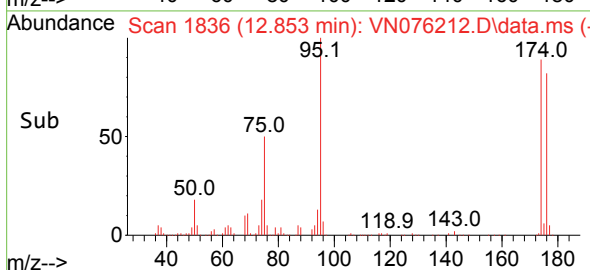
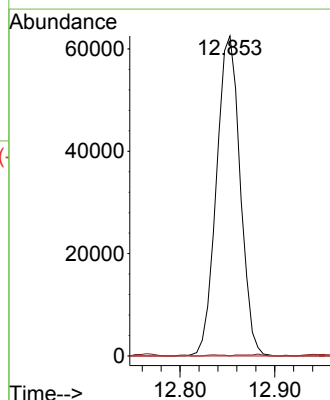
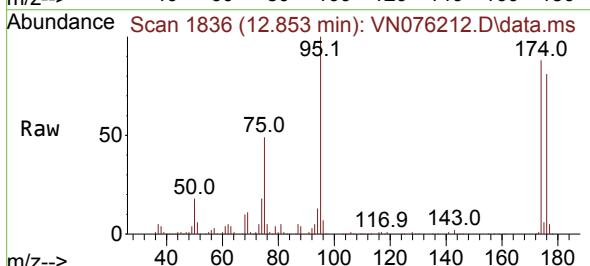
Tgt Ion: 75 Resp: 108747

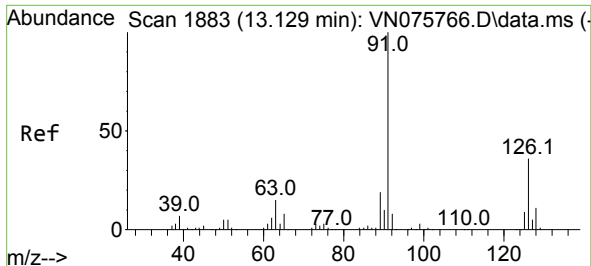
Ion Ratio Lower Upper

75 100

53 0.2 73.8 110.6#

89 0.0 39.5 59.3#

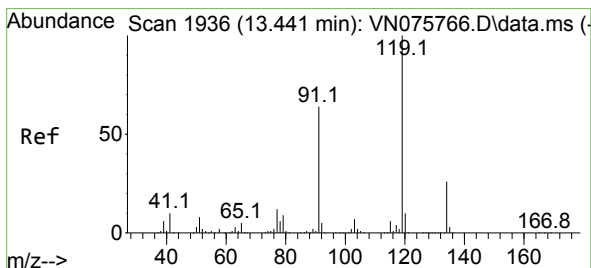
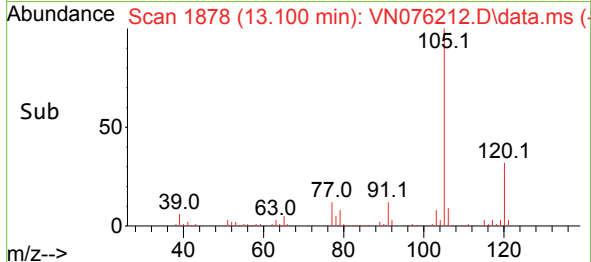
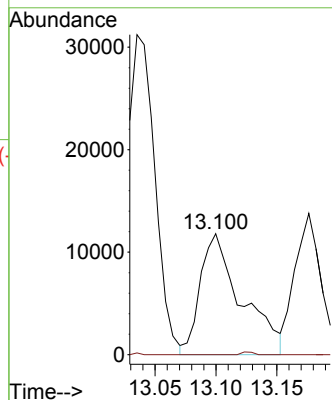
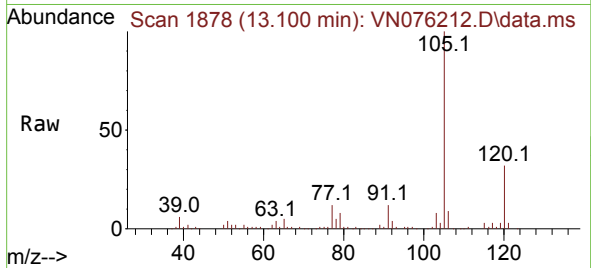




#82
4-Chlorotoluene
Concen: 2.391 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

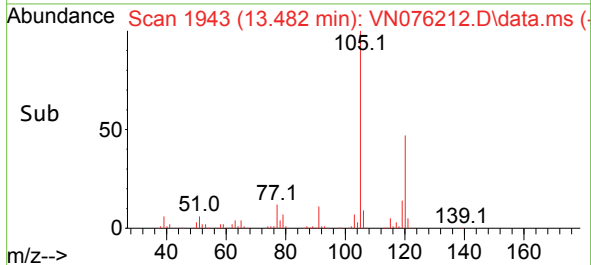
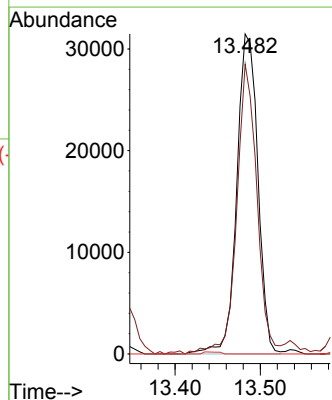
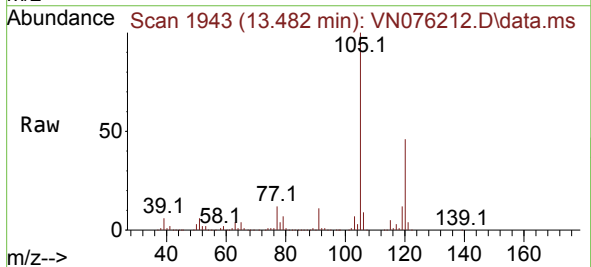
Instrument :
MSVOA_N
ClientSampleId :
31963

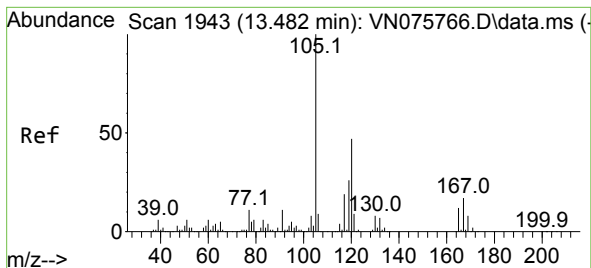
Tgt Ion: 91 Resp: 27776
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#



#83
tert-Butylbenzene
Concen: 4.347 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.041 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion: 119 Resp: 54124
Ion Ratio Lower Upper
119 100
91 86.9 31.9 95.5
134 0.0 13.8 41.4#





#84

1,2,4-Trimethylbenzene

Concen: 30.196 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

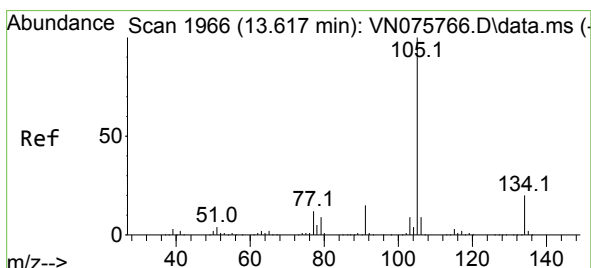
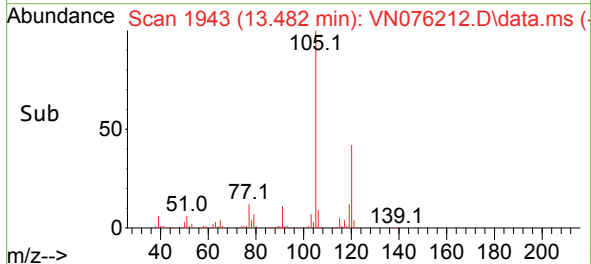
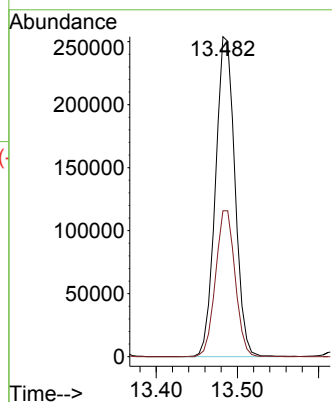
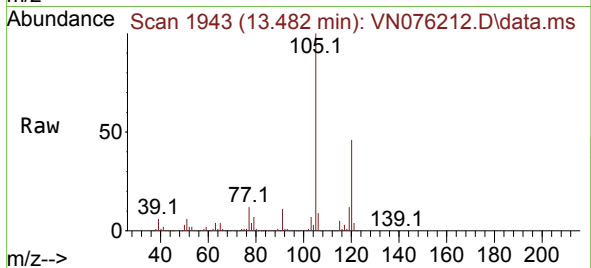
31963

Tgt Ion:105 Resp: 422994

Ion Ratio Lower Upper

105 100

120 46.0 23.3 69.8



#85

sec-Butylbenzene

Concen: 24.616 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.135 min

Lab File: VN076212.D

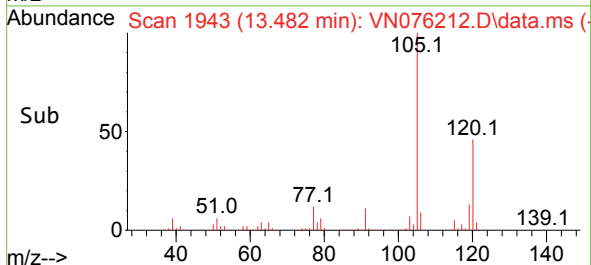
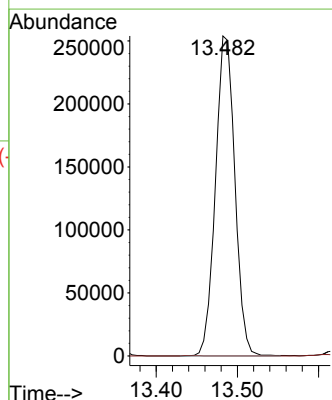
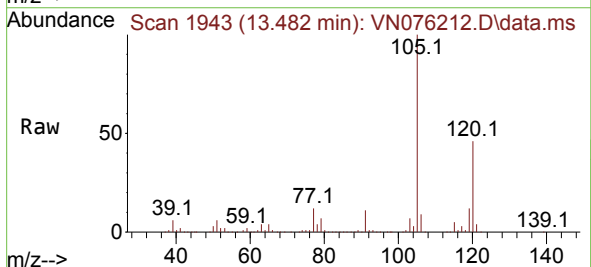
Acq: 11 Jan 2023 16:04

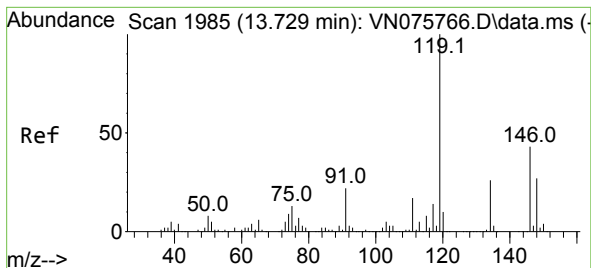
Tgt Ion:105 Resp: 422994

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 0.470 ug/l

RT: 13.735 min Scan# 1985

Delta R.T. 0.006 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

31963

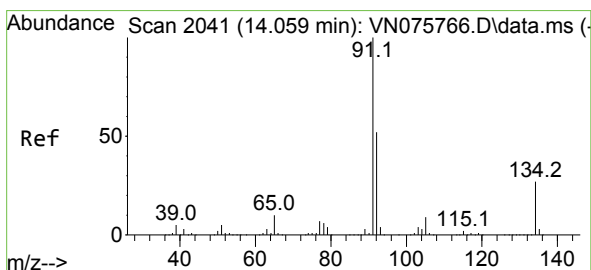
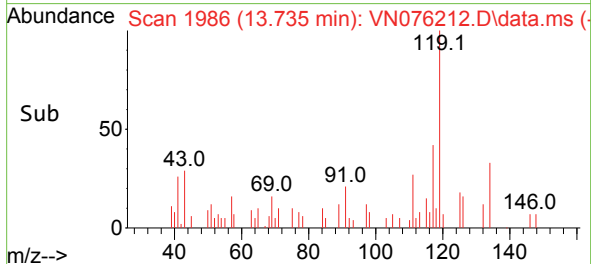
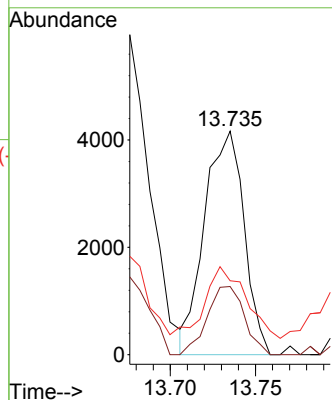
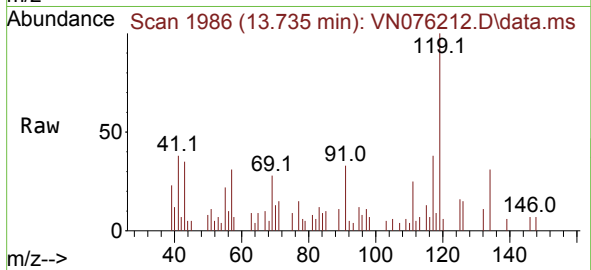
Tgt Ion:119 Resp: 6714

Ion Ratio Lower Upper

119 100

134 28.7 13.0 39.0

91 31.0 11.2 33.6



#89

n-Butylbenzene

Concen: 0.736 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

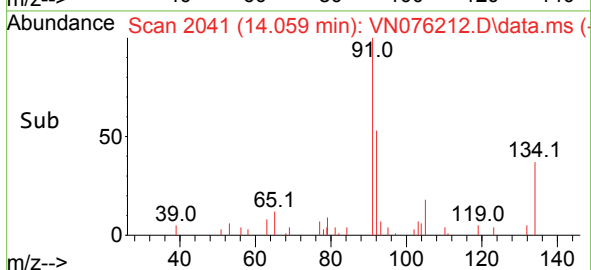
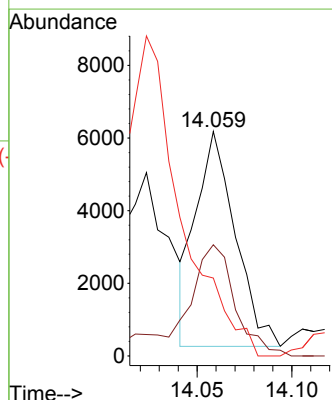
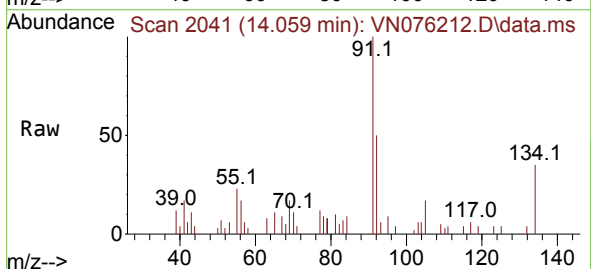
Tgt Ion: 91 Resp: 8524

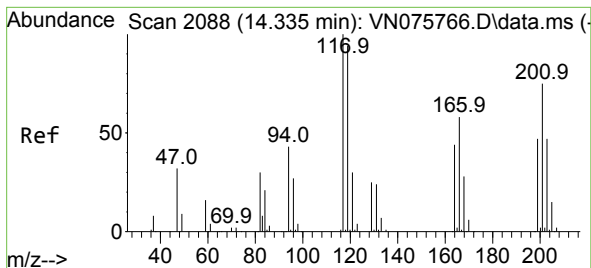
Ion Ratio Lower Upper

91 100

92 65.8 26.4 79.2

134 0.0 13.4 40.2#





#90

Hexachloroethane

Concen: 1.356 ug/l

RT: 14.329 min Scan# 2088

Delta R.T. -0.006 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

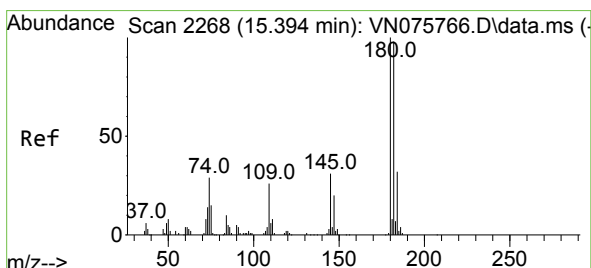
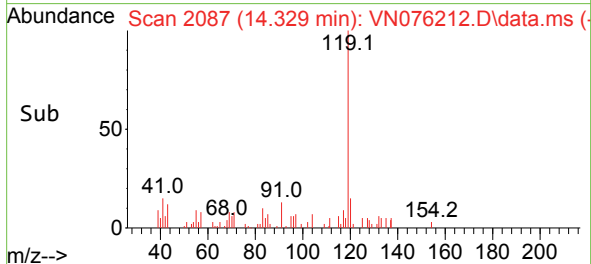
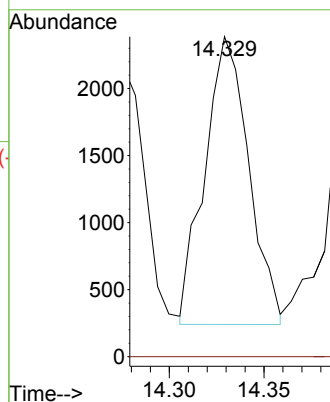
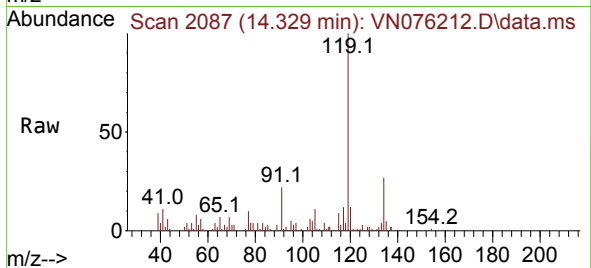
31963

Tgt Ion:117 Resp: 3469

Ion Ratio Lower Upper

117 100

201 0.0 38.0 114.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.346 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

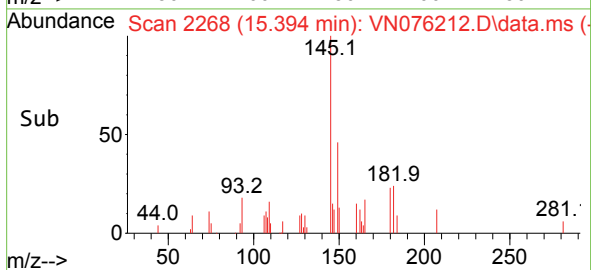
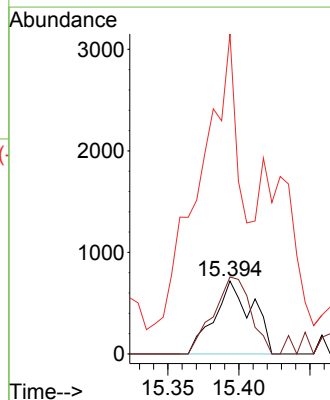
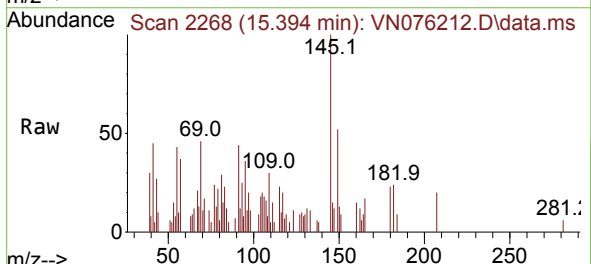
Tgt Ion:180 Resp: 1332

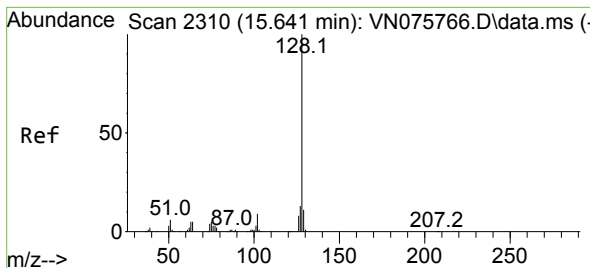
Ion Ratio Lower Upper

180 100

182 103.2 47.5 142.5

145 439.9 15.3 45.8#

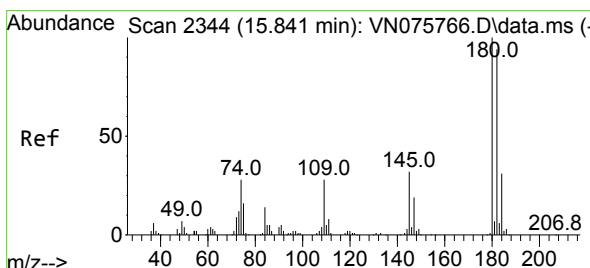
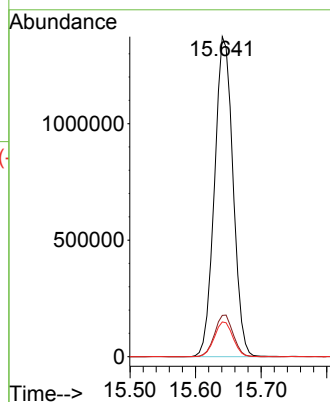
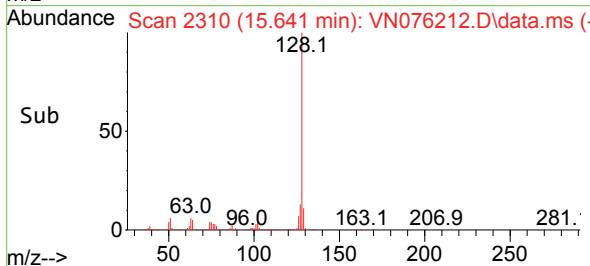
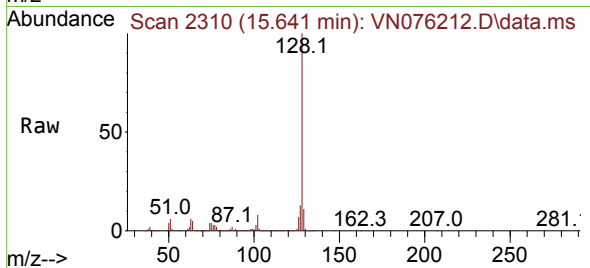




#95
Naphthalene
Concen: 203.987 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
31963

Tgt Ion:128 Resp: 2681006
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.623 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Tgt Ion:180 Resp: 2239
Ion Ratio Lower Upper
180 100
182 104.4 47.0 141.0
145 316.8 16.0 47.9#

