

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)

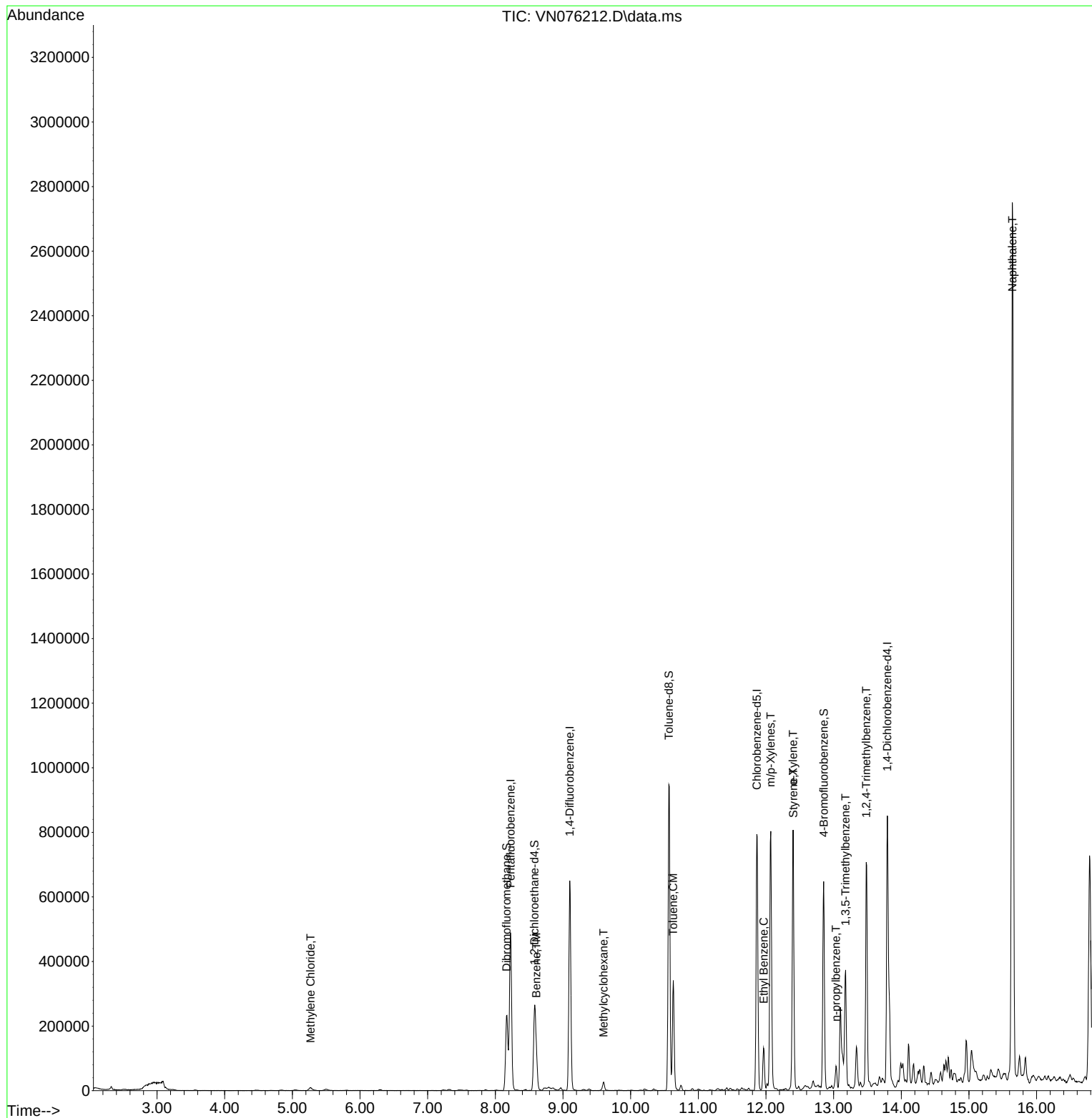
Internal Standards						
1) Pentafluorobenzene	8.224	168	383126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	594704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	499565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
20) Methylene Chloride	5.271	84	7131	1.231	ug/l #	91
39) Methylcyclohexane	9.600	83	11932	2.022	ug/l #	87
40) Benzene	8.606	78	105285	6.975	ug/l	98
52) Toluene	10.629	92	152317	15.494	ug/l	100
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
78) n-propylbenzene	13.035	91	52452	2.819	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	184122	13.039	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	422994	30.196	ug/l	99
95) Naphthalene	15.641	128	2681006	203.987	ug/l	100

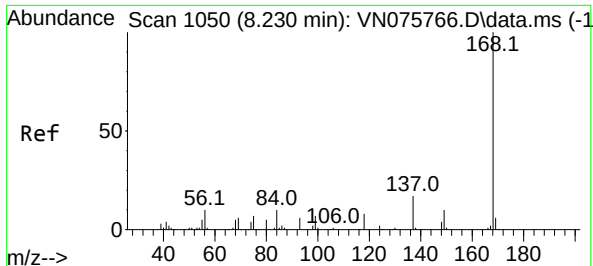
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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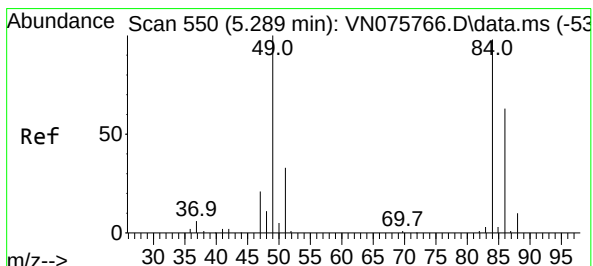
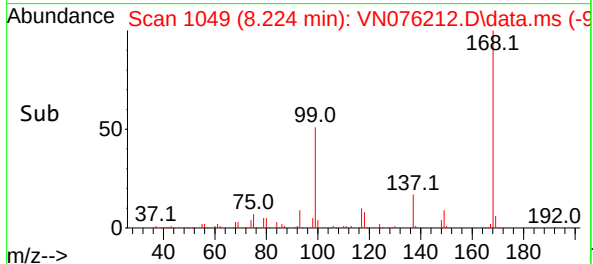
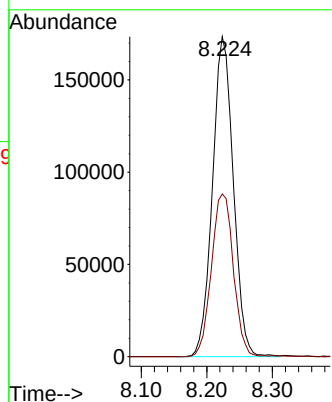
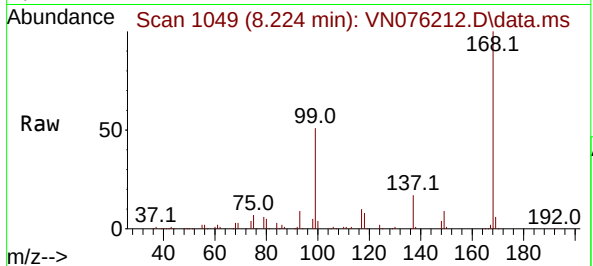




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

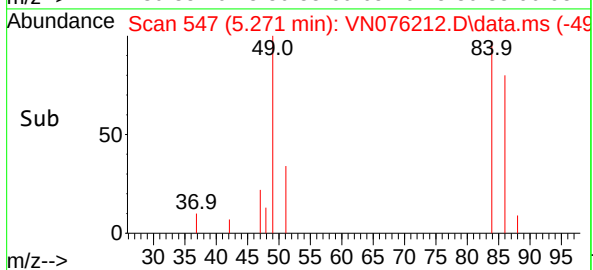
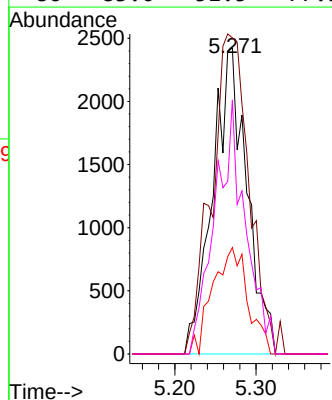
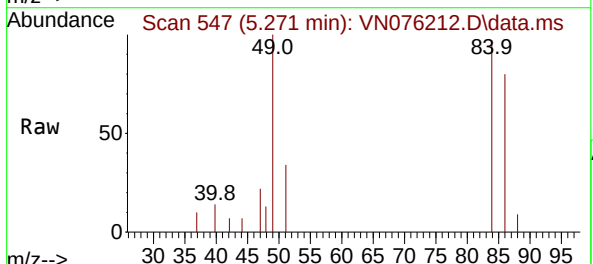
Instrument :
MSVOA_N
ClientSampleId :
31963

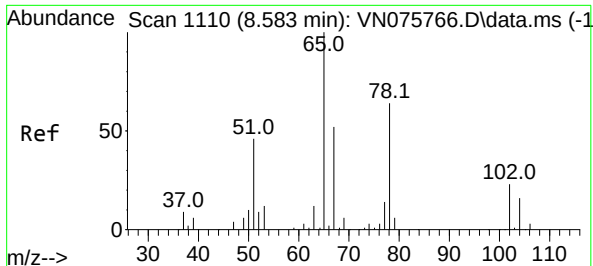
Tgt Ion:168 Resp: 383126
Ion Ratio Lower Upper
168 100
99 50.9 44.2 66.4



#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#





#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

Instrument :

MSVOA_N

ClientSampleId :

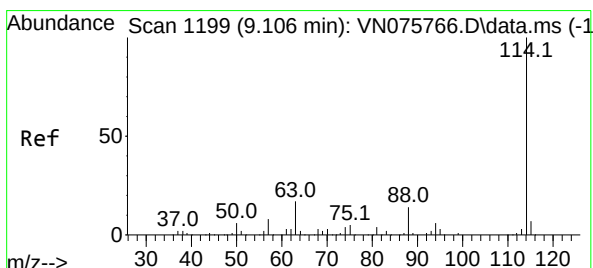
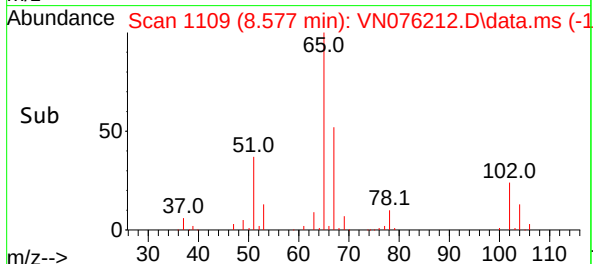
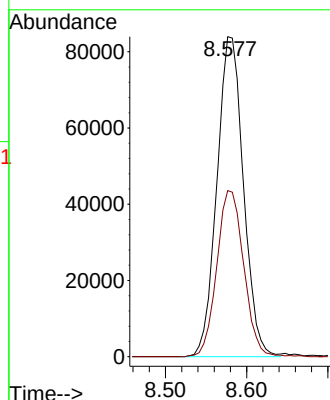
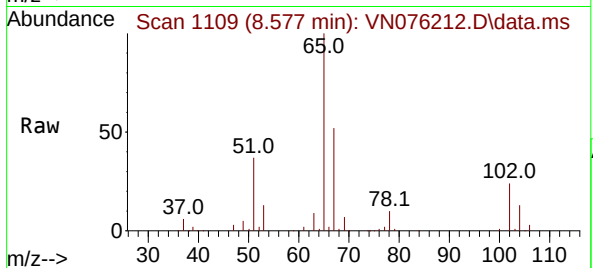
31963

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# 1198

Delta R.T. -0.006 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

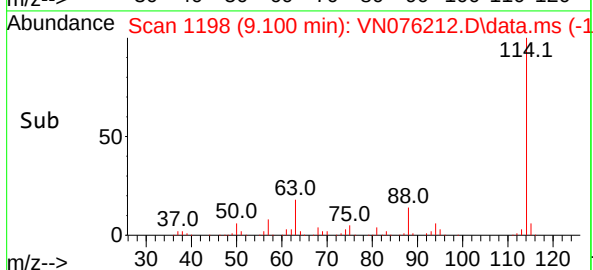
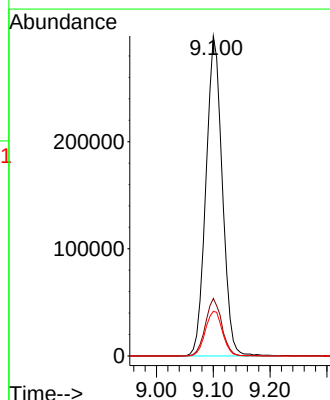
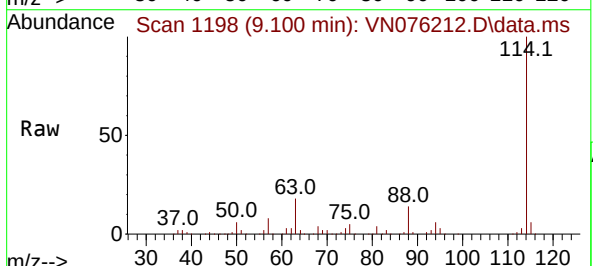
Tgt Ion: 114 Resp: 594704

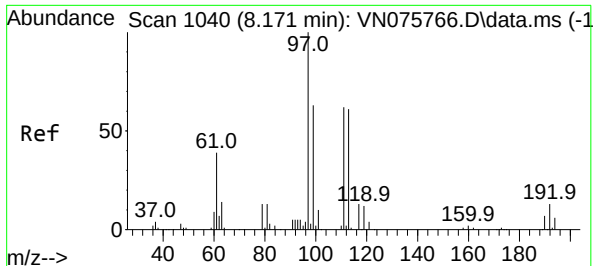
Ion Ratio Lower Upper

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# 110

Delta R.T. -0.006 min

Lab File: VN076212.D

Acq: 11 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

31963

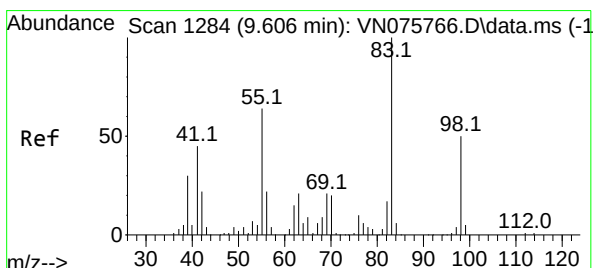
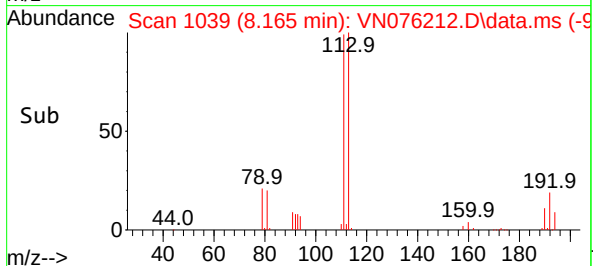
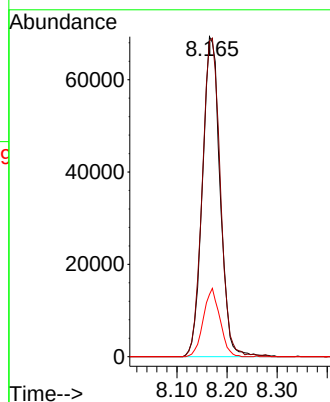
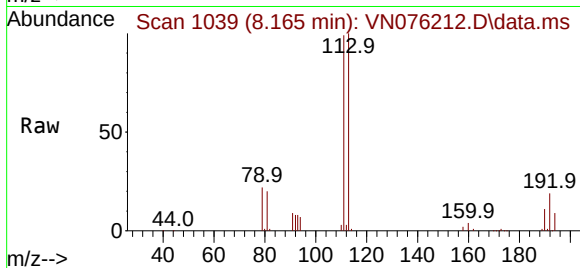
Tgt Ion:113 Resp: 169456

Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 20.1 16.1 24.1



#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

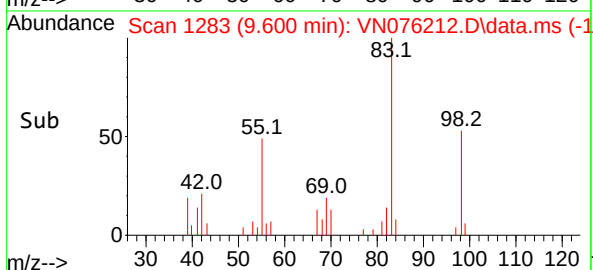
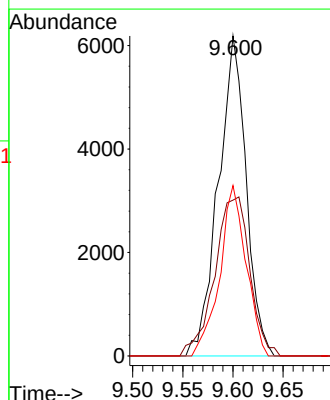
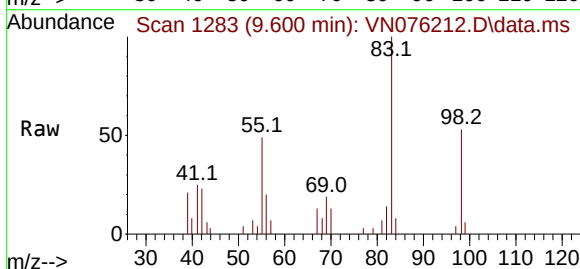
Tgt Ion: 83 Resp: 11932

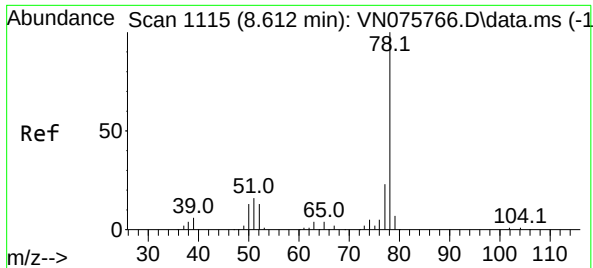
Ion Ratio Lower Upper

83 100

55 48.7 51.4 77.0#

98 53.2 39.8 59.8

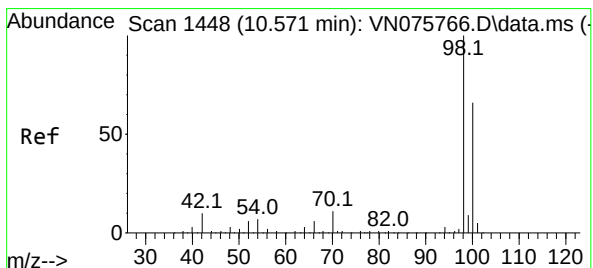
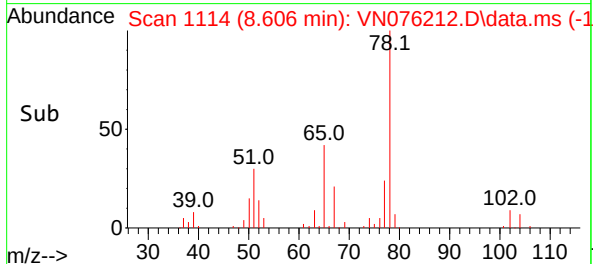
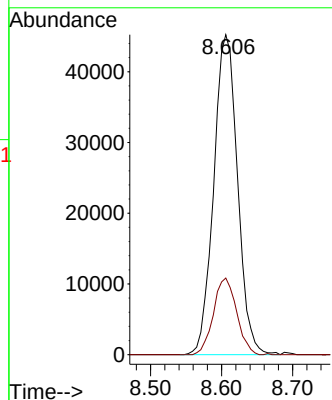
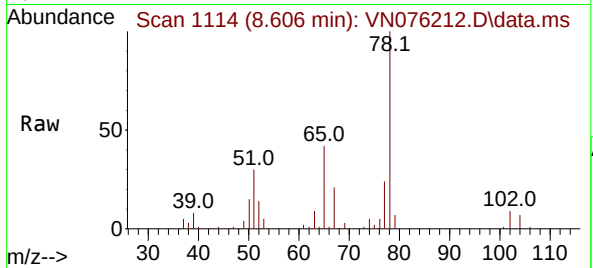




#40
Benzene
Concen: 6.975 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

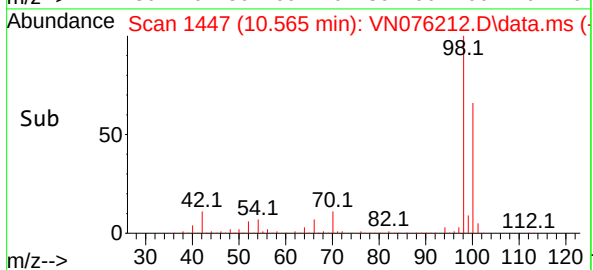
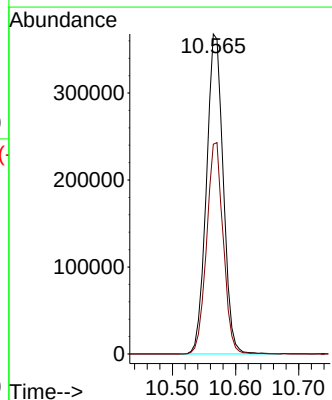
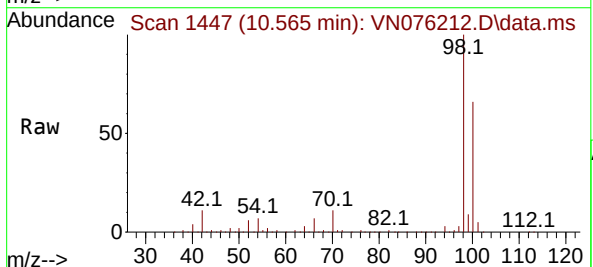
Instrument :
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ClientSampleId :
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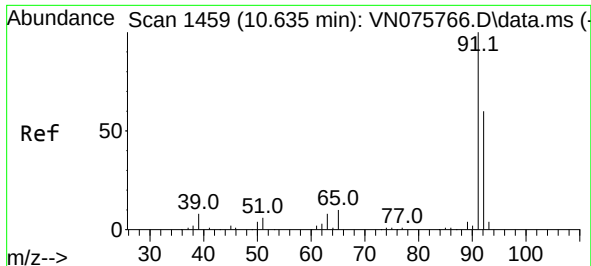
Tgt Ion: 78 Resp: 105285
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7



#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

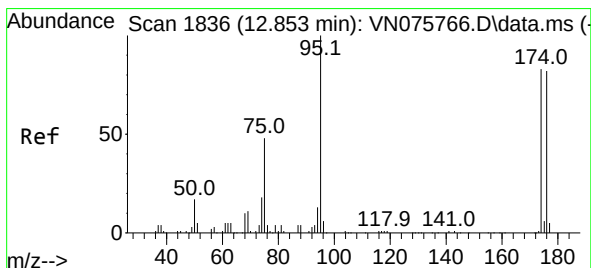
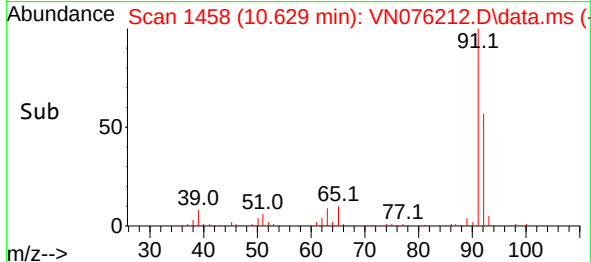
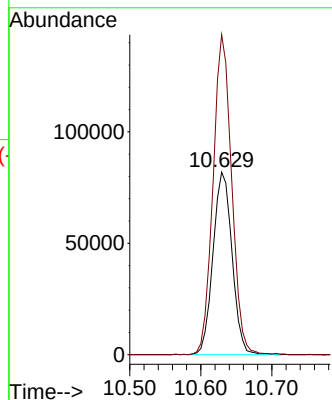
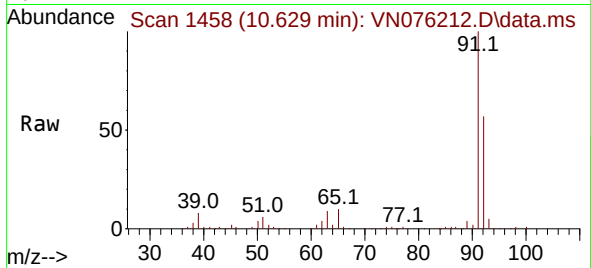




#52
Toluene
Concen: 15.494 ug/l
RT: 10.629 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

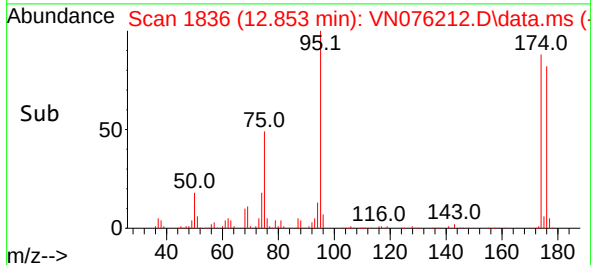
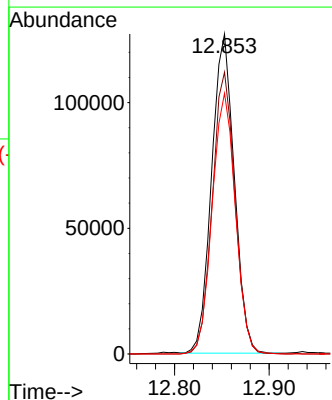
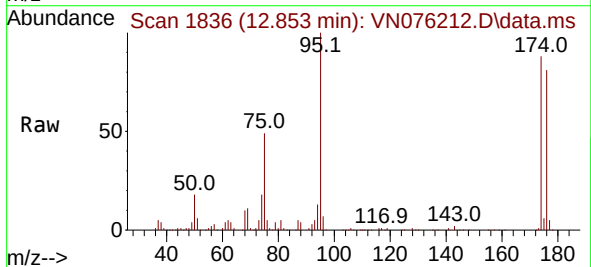
Instrument :
MSVOA_N
ClientSampleId :
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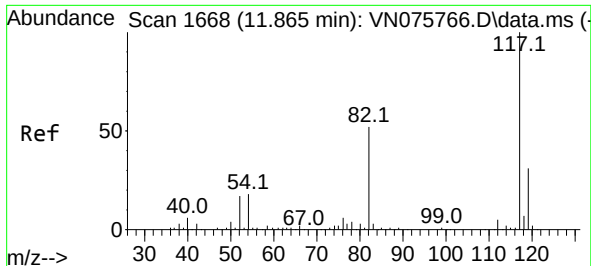
Tgt Ion: 92 Resp: 152317
Ion Ratio Lower Upper
92 100
91 171.4 137.3 205.9



#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

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

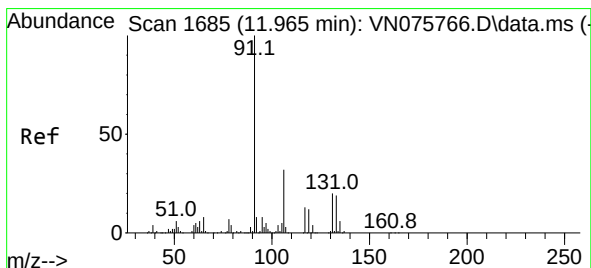
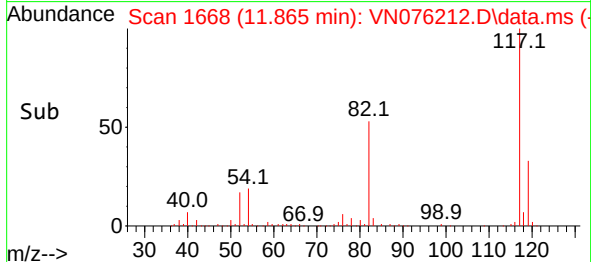
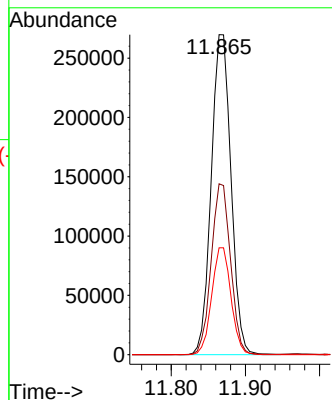
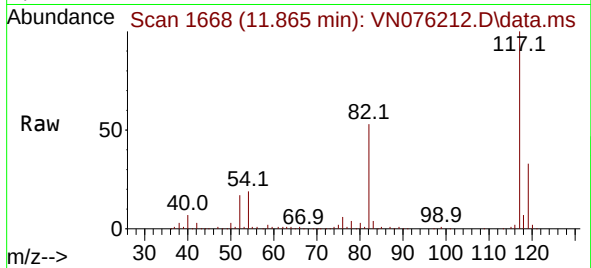




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

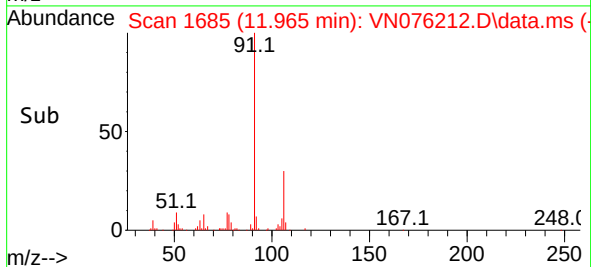
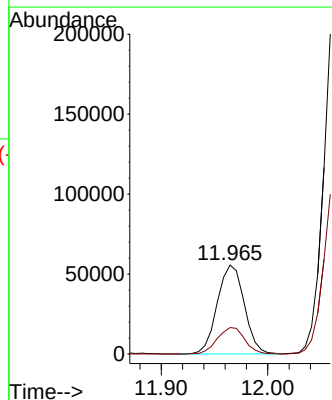
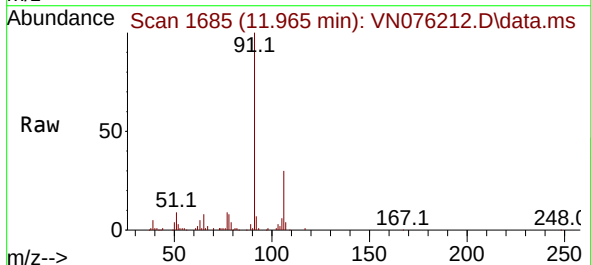
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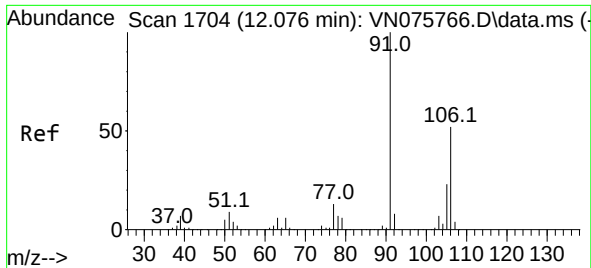
Tgt Ion:117 Resp: 499565
Ion Ratio Lower Upper
117 100
82 53.4 41.3 61.9
119 33.4 24.6 37.0



#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

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

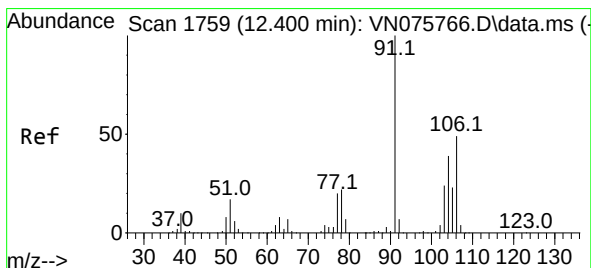
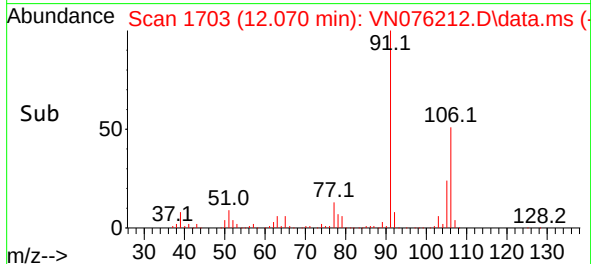
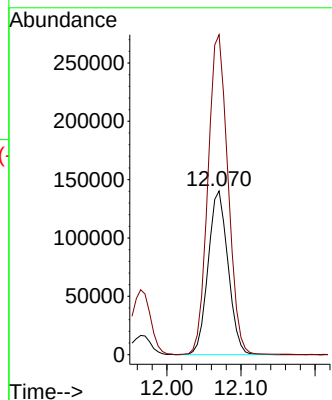
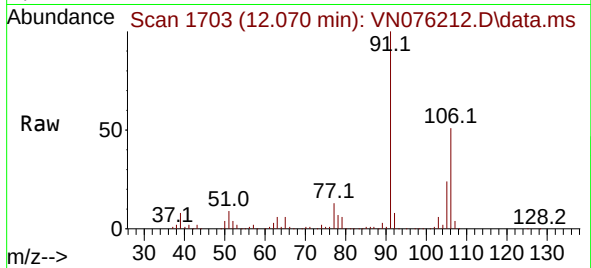




#68
m/p-Xylenes
Concen: 38.204 ug/l
RT: 12.070 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

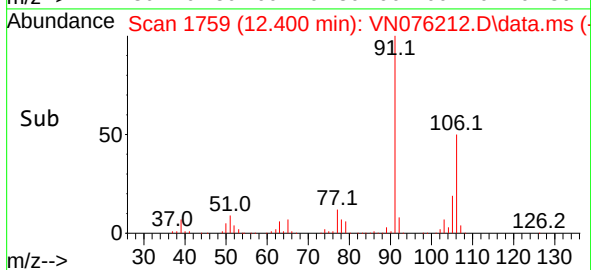
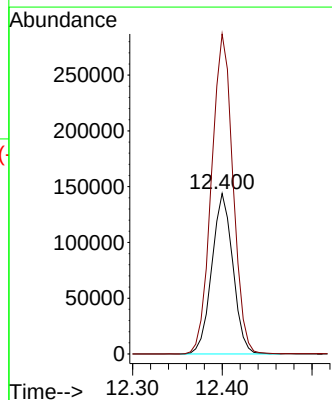
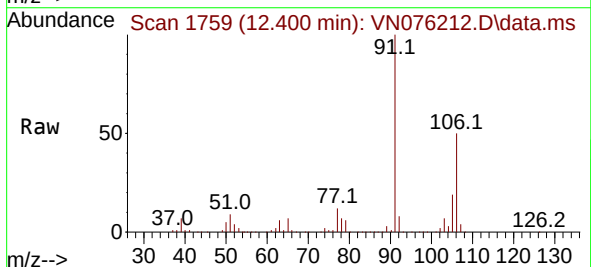
Instrument :
MSVOA_N
ClientSampleId :
31963

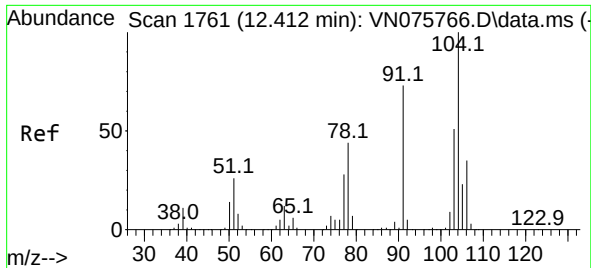
Tgt Ion:106 Resp: 261676
Ion Ratio Lower Upper
106 100
91 196.9 156.6 235.0



#69
o-Xylene
Concen: 34.498 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

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

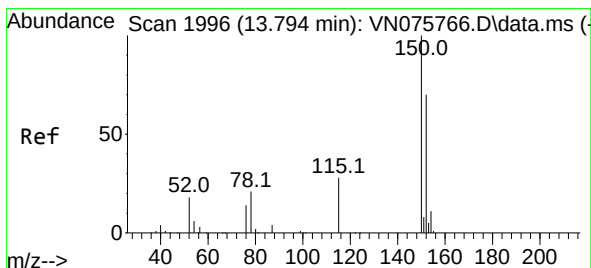
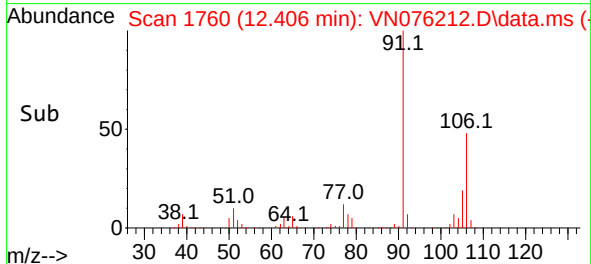
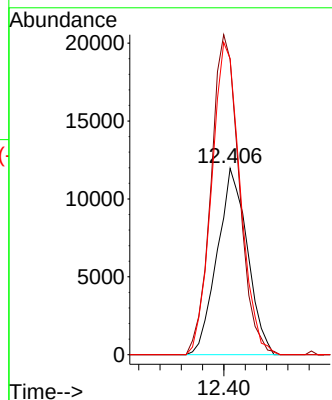
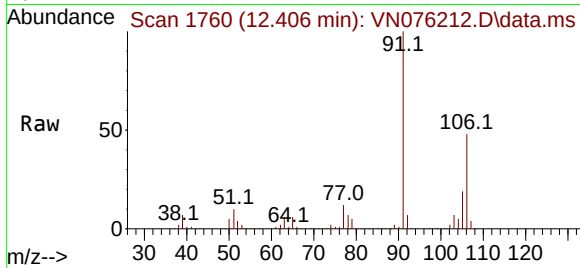




#70
Styrene
Concen: 2.181 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

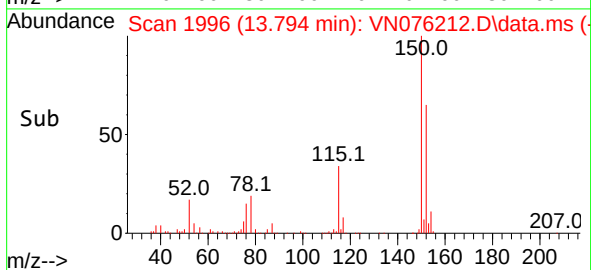
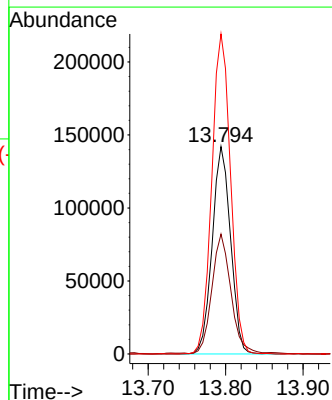
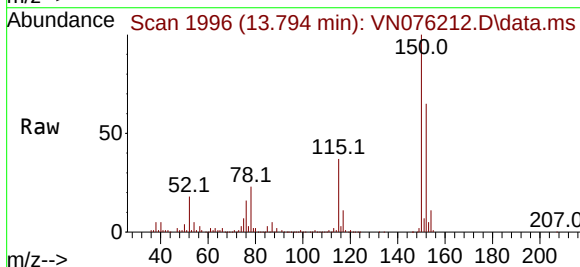
Instrument :
MSVOA_N
ClientSampleId :
31963

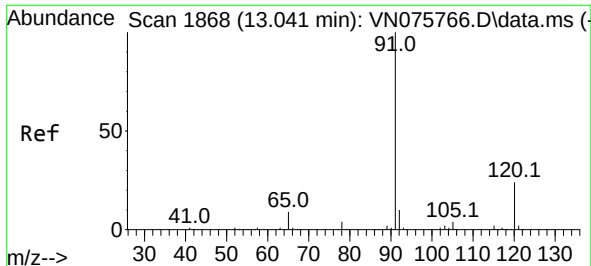
Tgt Ion:104 Resp: 23508
Ion Ratio Lower Upper
104 100
78 160.0 37.5 56.3#
103 158.5 43.5 65.3#



#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

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

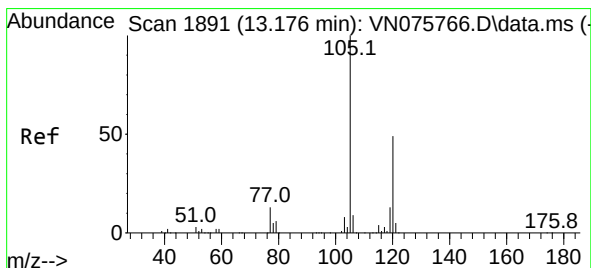
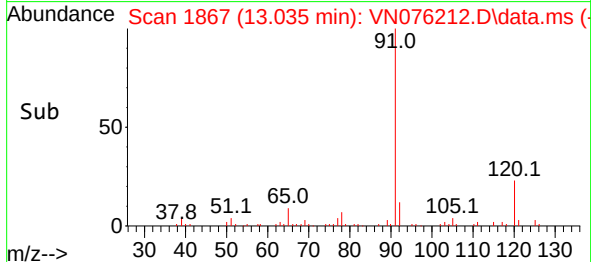
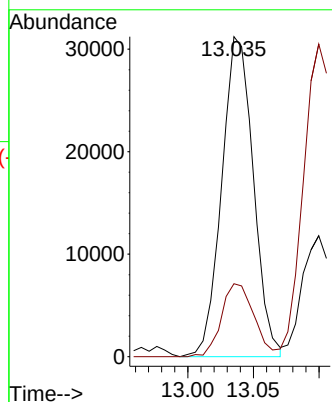
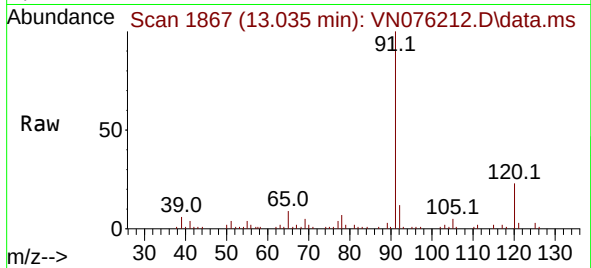




#78
n-propylbenzene
Concen: 2.819 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

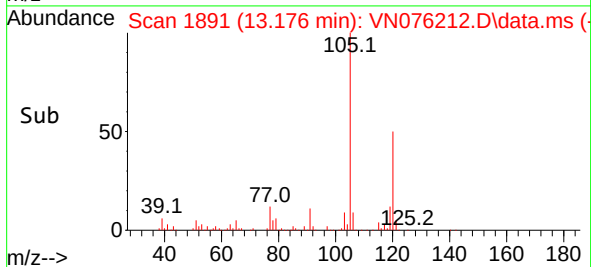
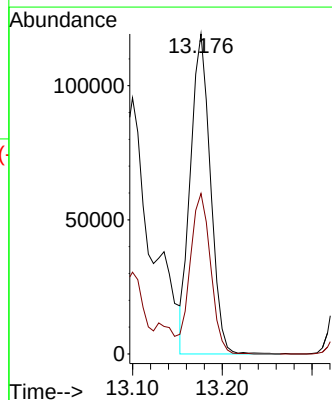
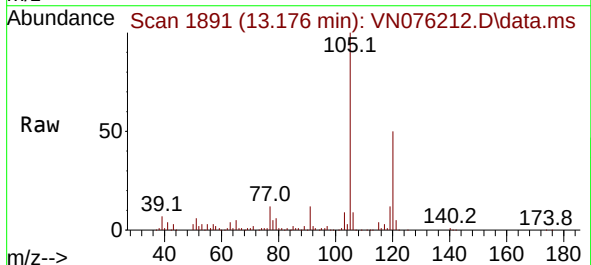
Instrument :
MSVOA_N
ClientSampleId :
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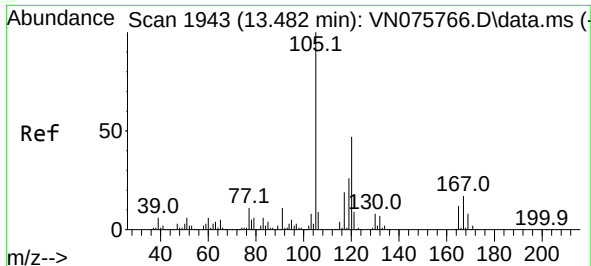
Tgt Ion: 91 Resp: 52452
Ion Ratio Lower Upper
91 100
120 23.2 12.0 36.1



#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

Tgt Ion:105 Resp: 184122
Ion Ratio Lower Upper
105 100
120 51.9 24.7 74.1

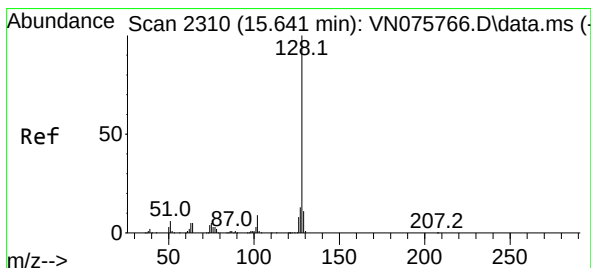
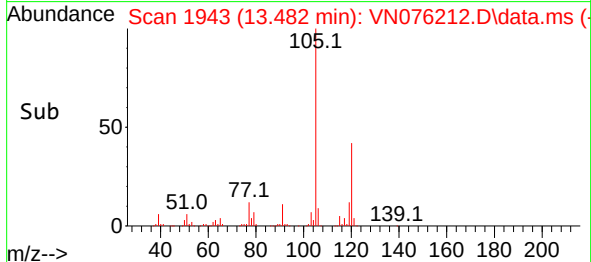
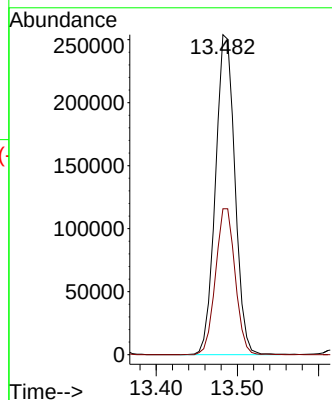
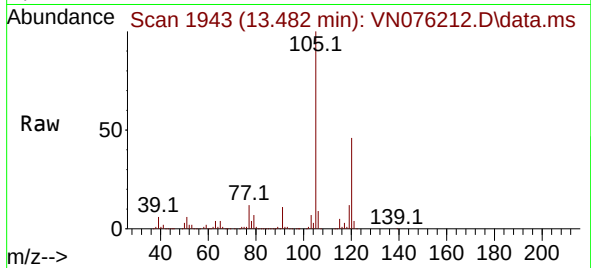




#84
1,2,4-Trimethylbenzene
Concen: 30.196 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

Instrument :
MSVOA_N
ClientSampleId :
31963

Tgt Ion:105 Resp: 422994
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8



#95
Naphthalene
Concen: 203.987 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076212.D
Acq: 11 Jan 2023 16:04

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

