

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076367.D
 Acq On : 23 Jan 2023 15:25
 Operator : JC\MD
 Sample : 01233-11DL 10X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-P38CDL

Quant Time: Jan 23 15:45:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

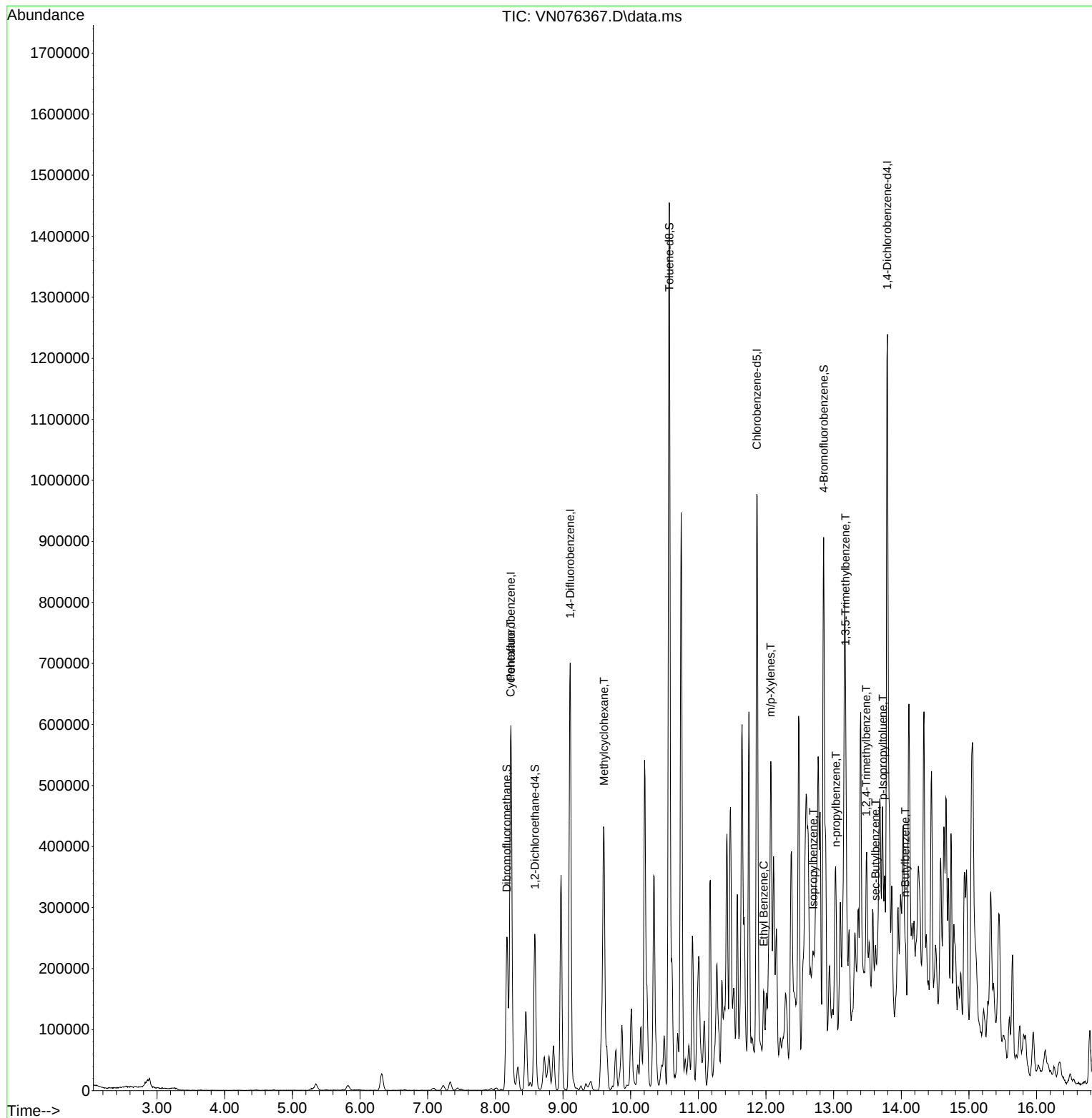
Internal Standards						
1) Pentafluorobenzene	8.230	168	384506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	612820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	549267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209241	48.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.200%		
35) Dibromofluoromethane	8.171	113	179587	46.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	10.571	98	741982	52.410	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.820%		
62) 4-Bromofluorobenzene	12.853	95	259802	56.213	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.420%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.224	56	36183	5.471	ug/l #	59
39) Methylcyclohexane	9.606	83	194397	29.224	ug/l	96
67) Ethyl Benzene	11.965	91	17110	0.861	ug/l #	87
68) m/p-Xylenes	12.071	106	19120	2.400	ug/l	90
73) Isopropylbenzene	12.700	105	35914	1.818	ug/l	96
78) n-propylbenzene	13.035	91	88789	3.982	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	73992	4.470	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	154523	9.309	ug/l	99
85) sec-Butylbenzene	13.617	105	32833	1.607	ug/l #	63
86) p-Isopropyltoluene	13.729	119	52671	3.135	ug/l	99
89) n-Butylbenzene	14.059	91	104829	7.860	ug/l #	63

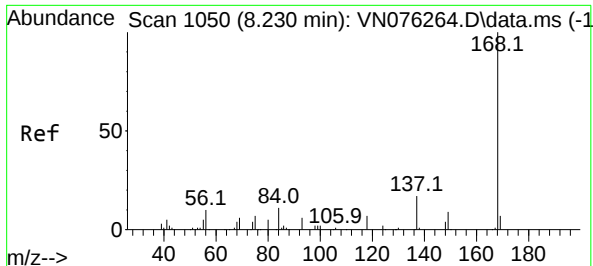
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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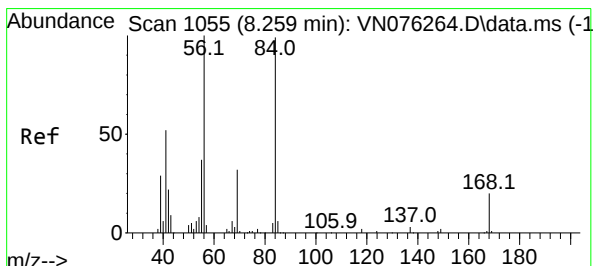
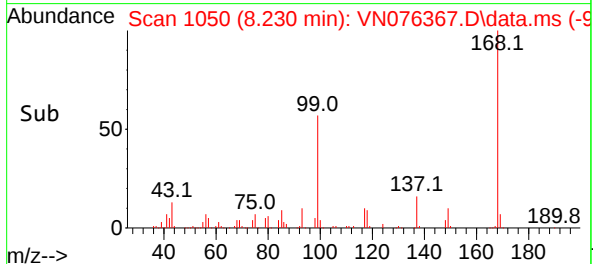
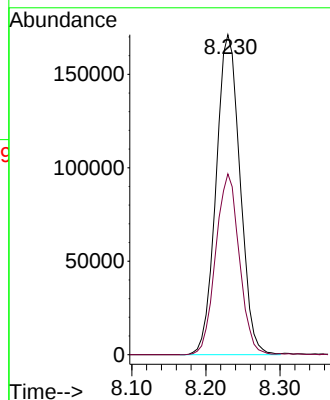
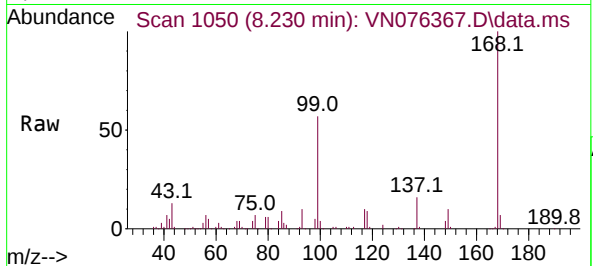




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

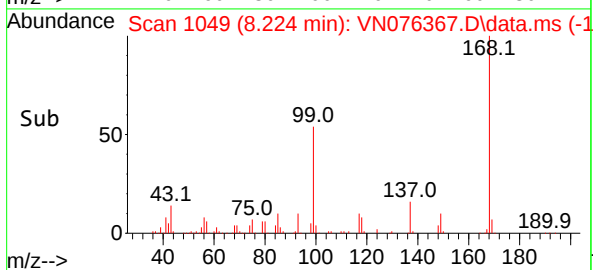
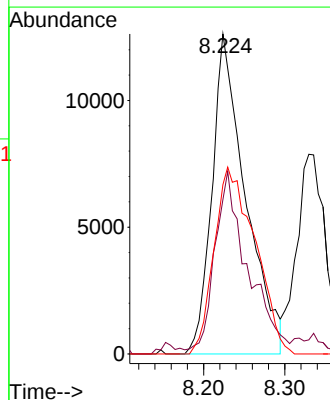
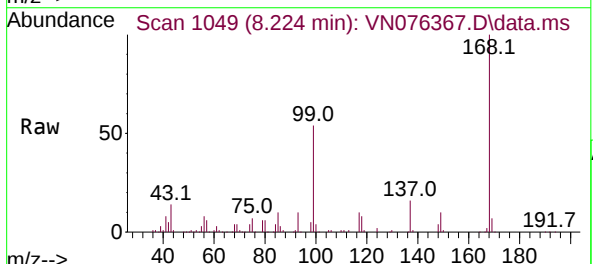
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

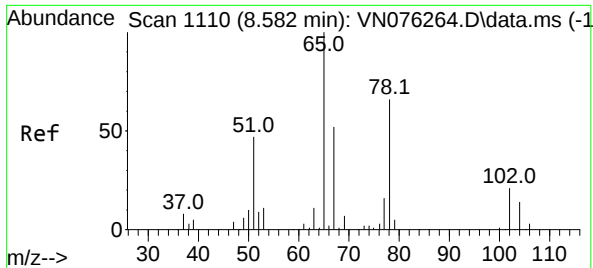
Tgt Ion:168 Resp: 384506
Ion Ratio Lower Upper
168 100
99 56.5 41.6 62.4



#31
Cyclohexane
Concen: 5.471 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 56 Resp: 36183
Ion Ratio Lower Upper
56 100
69 46.4 25.8 38.8#
84 52.9 79.0 118.4#





#33

1,2-Dichloroethane-d4

Concen: 48.601 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076367.D

Acq: 23 Jan 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

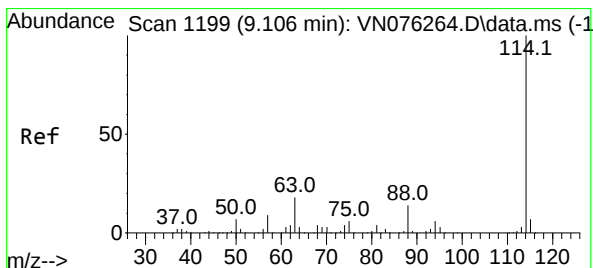
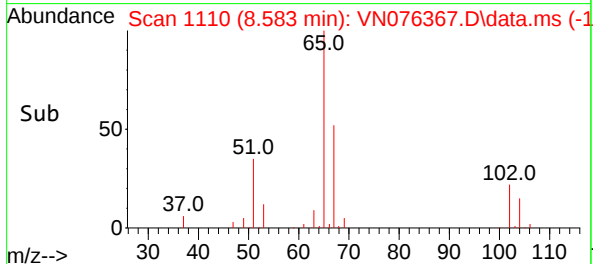
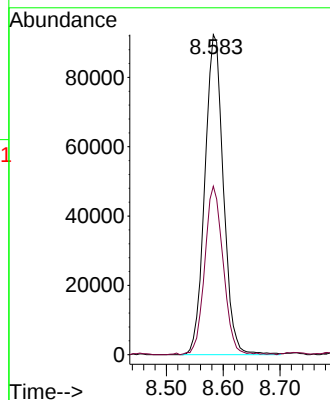
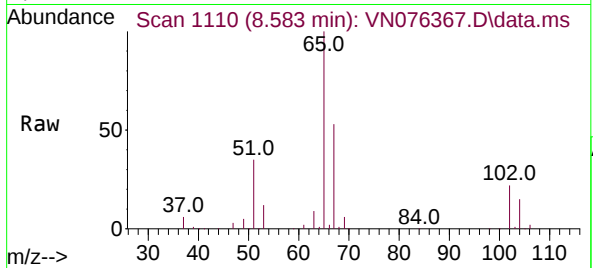
B-P38CDL

Tgt Ion: 65 Resp: 209241

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076367.D

Acq: 23 Jan 2023 15:25

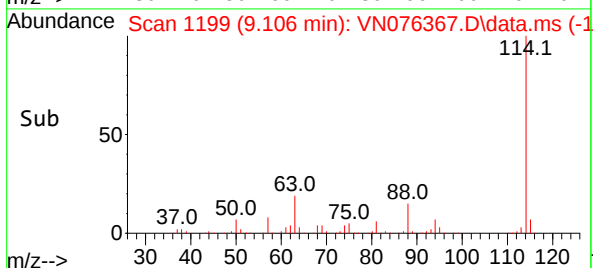
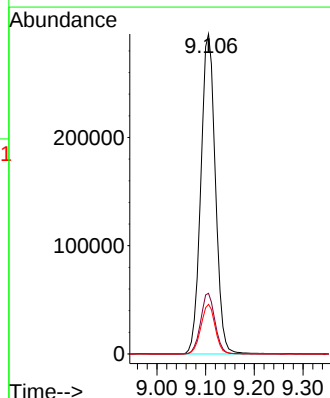
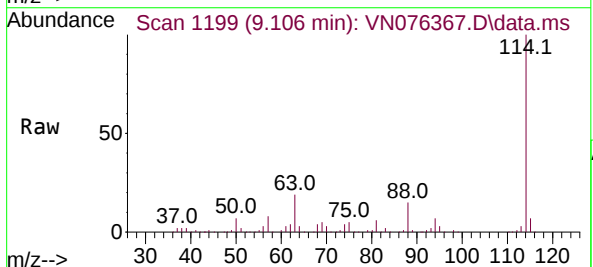
Tgt Ion: 114 Resp: 612820

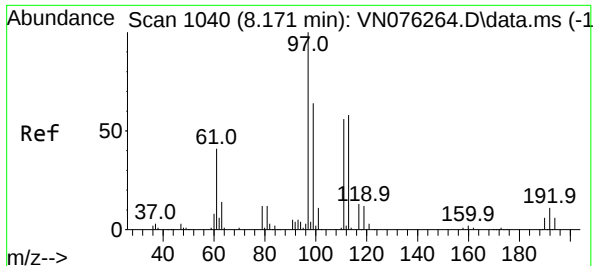
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.8

88 15.5 0.0 28.0





#35

Dibromofluoromethane

Concen: 46.847 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076367.D

Acq: 23 Jan 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

B-P38CDL

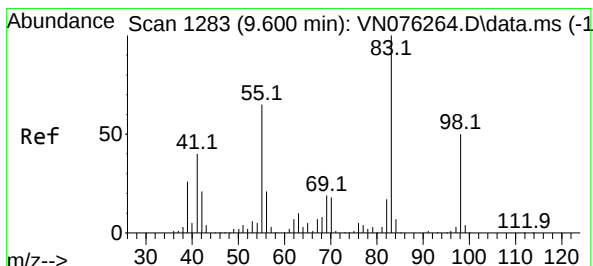
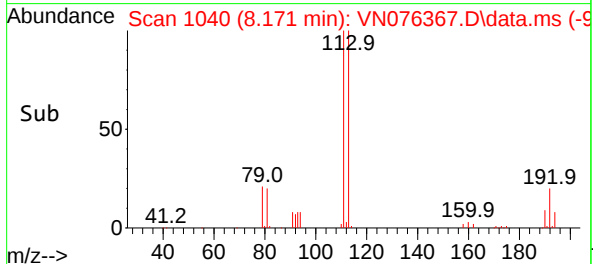
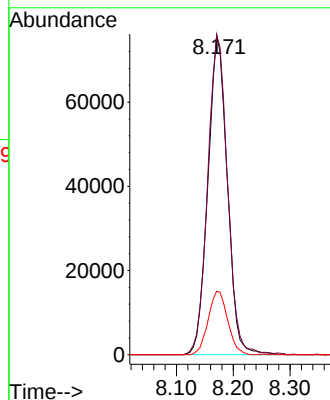
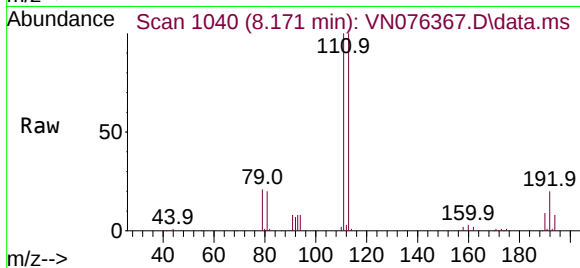
Tgt Ion:113 Resp: 179587

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

192 19.9 15.6 23.4



#39

Methylcyclohexane

Concen: 29.224 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VN076367.D

Acq: 23 Jan 2023 15:25

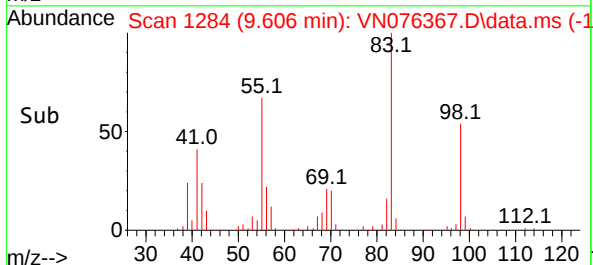
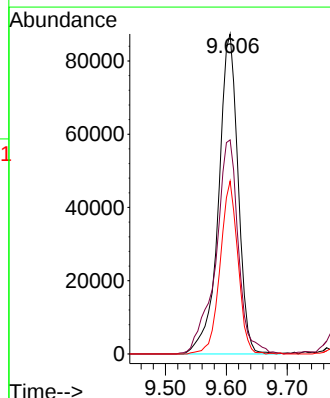
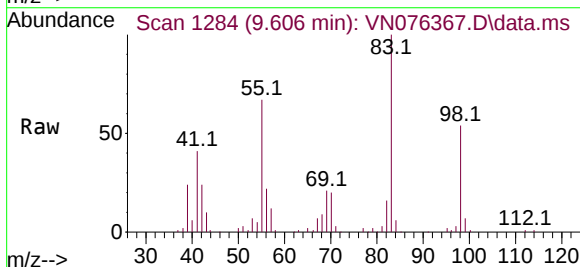
Tgt Ion: 83 Resp: 194397

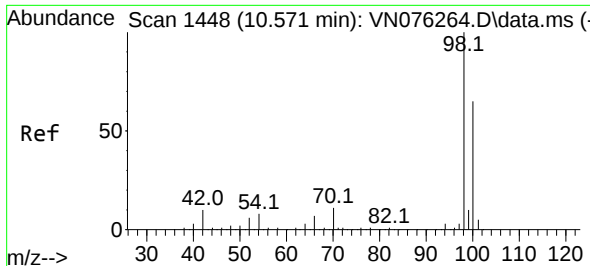
Ion Ratio Lower Upper

83 100

55 66.7 51.7 77.5

98 54.0 40.0 60.0

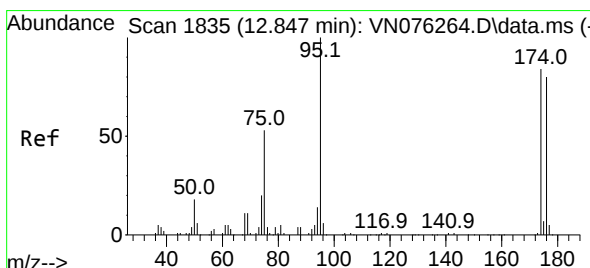
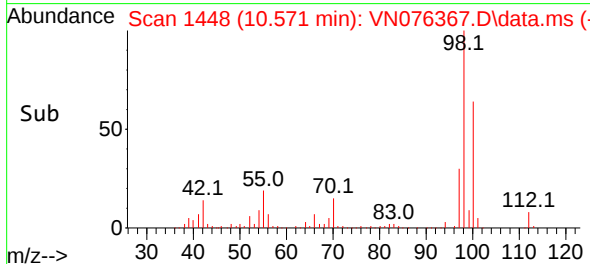
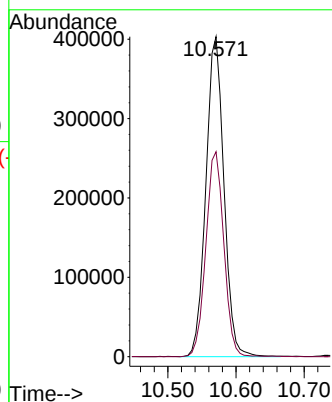
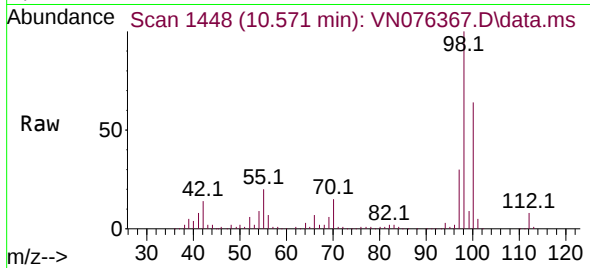




#50
Toluene-d8
Concen: 52.410 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

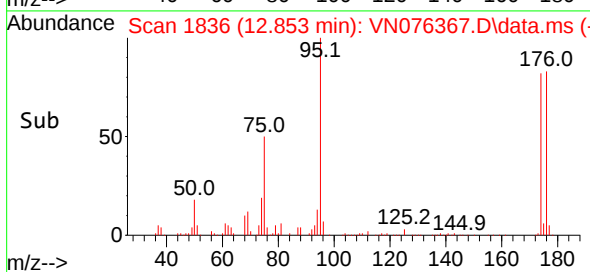
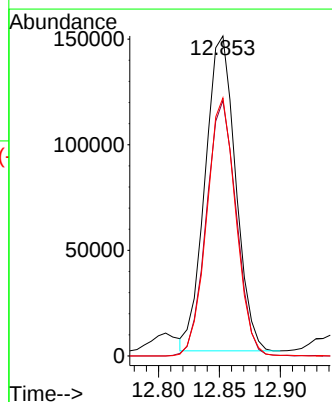
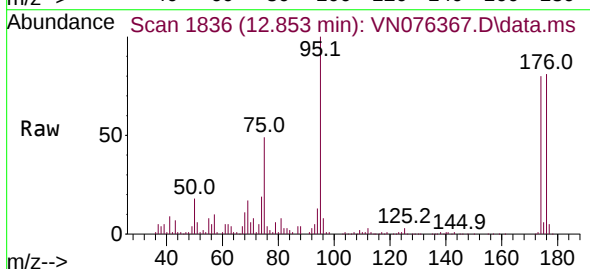
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

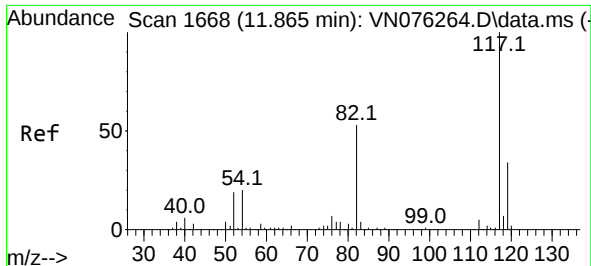
Tgt Ion: 98 Resp: 741982
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 56.213 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 95 Resp: 259802
Ion Ratio Lower Upper
95 100
174 79.3 0.0 174.6
176 78.2 0.0 167.8

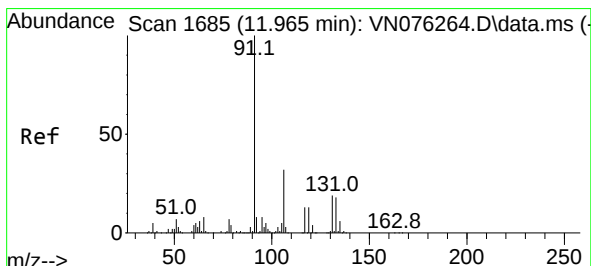
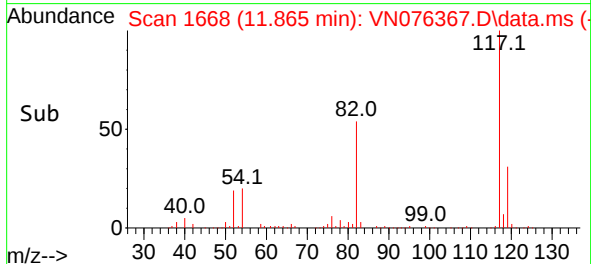
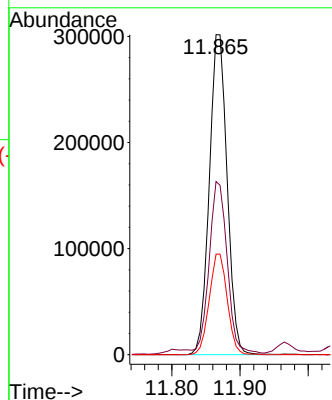
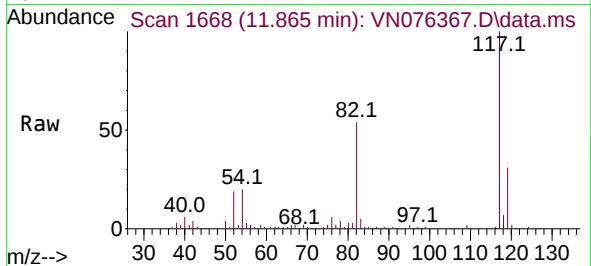




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

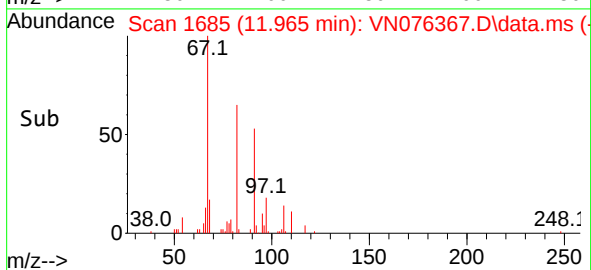
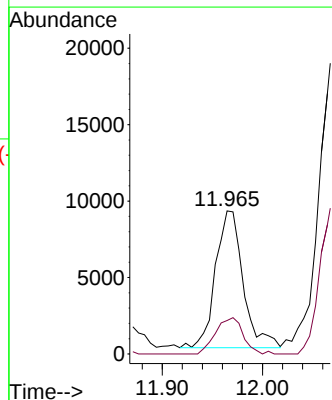
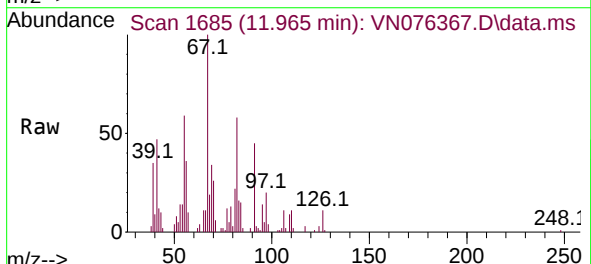
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

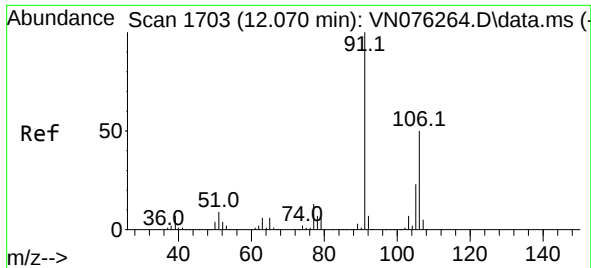
Tgt Ion:117 Resp: 549267
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 31.4 26.9 40.3



#67
Ethyl Benzene
Concen: 0.861 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 91 Resp: 17110
Ion Ratio Lower Upper
91 100
106 24.4 25.5 38.3#

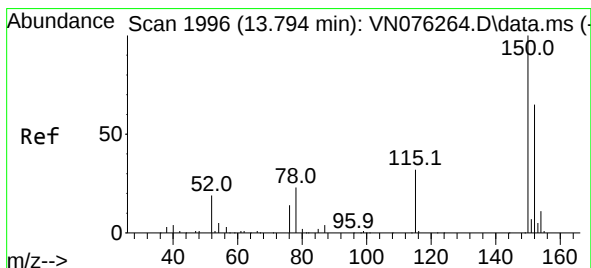
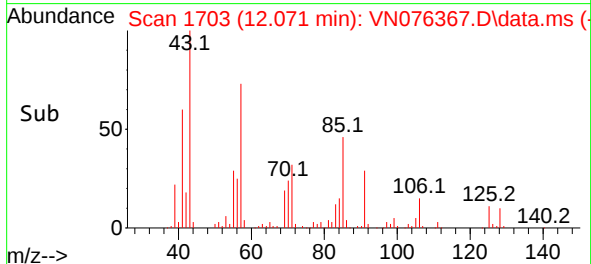
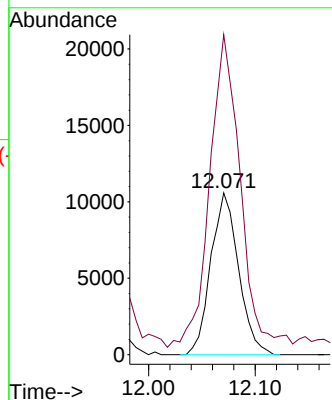
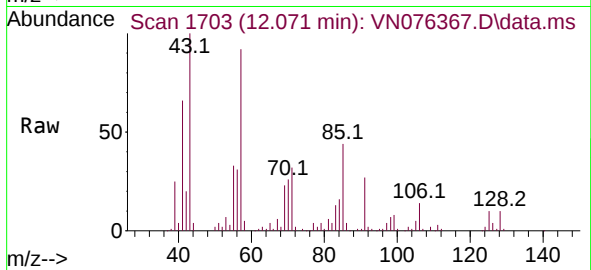




#68
m/p-Xylenes
Concen: 2.400 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

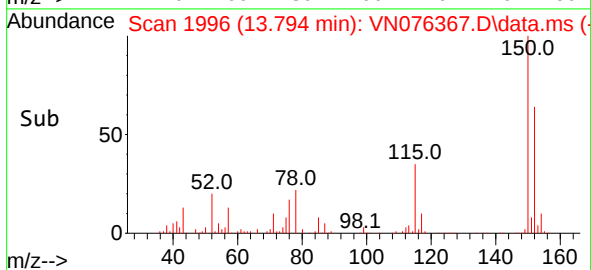
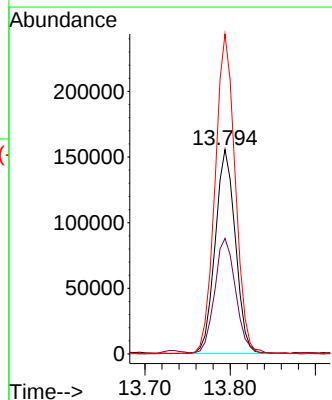
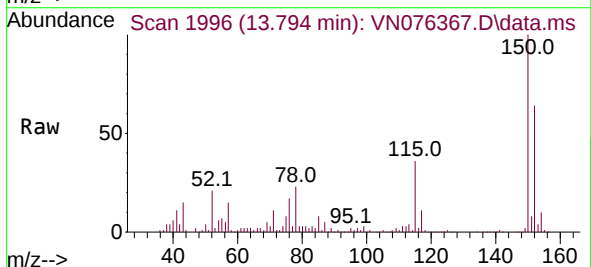
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B-P38CDL

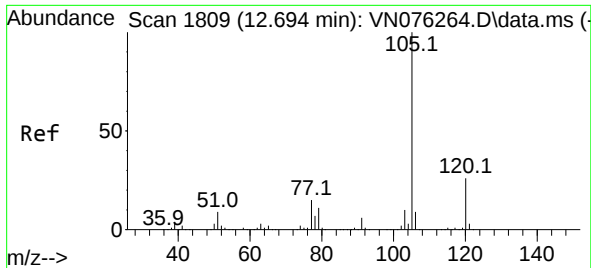
Tgt Ion:106 Resp: 19120
Ion Ratio Lower Upper
106 100
91 212.3 157.5 236.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion:152 Resp: 255428
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.9
150 155.5 0.0 351.4

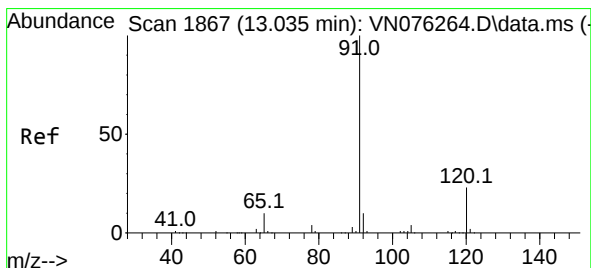
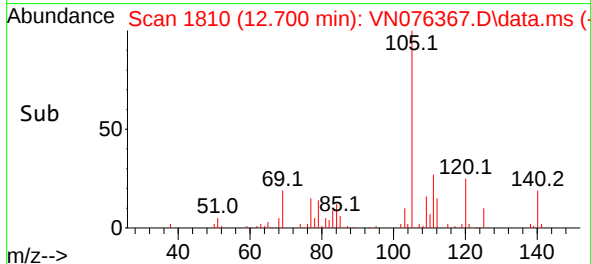
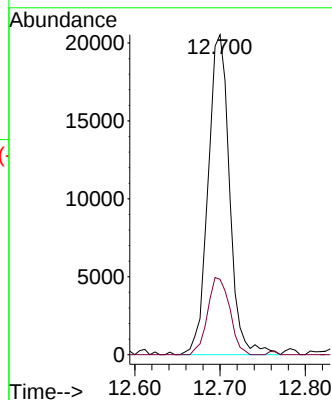
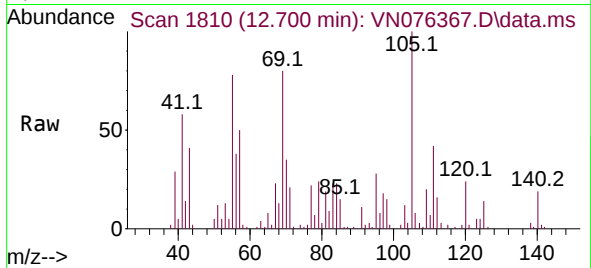




#73
Isopropylbenzene
Concen: 1.818 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

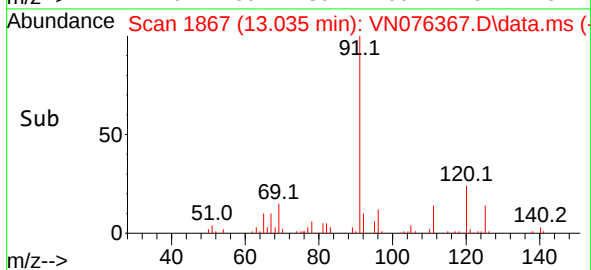
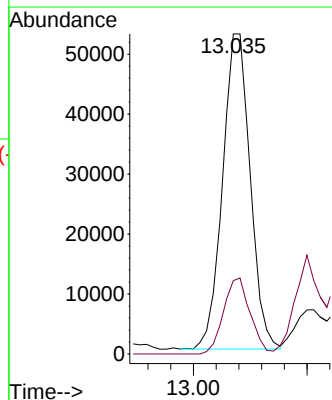
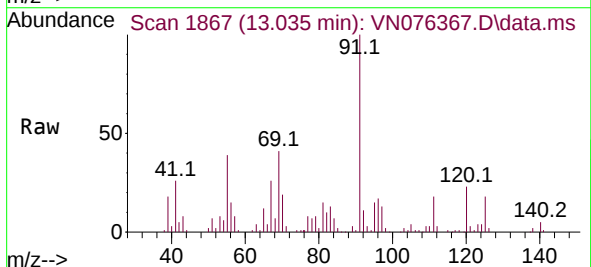
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

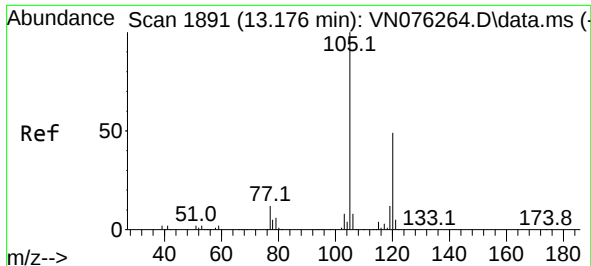
Tgt Ion:105 Resp: 35914
Ion Ratio Lower Upper
105 100
120 24.8 13.4 40.1



#78
n-propylbenzene
Concen: 3.982 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 91 Resp: 88789
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

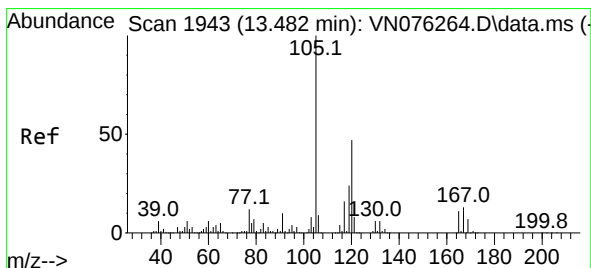
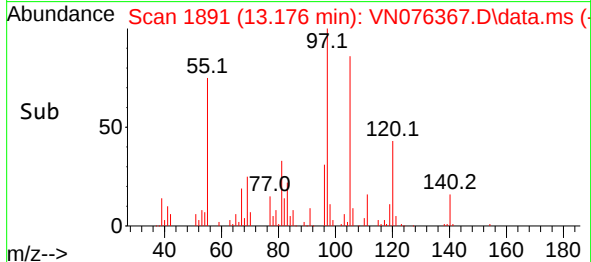
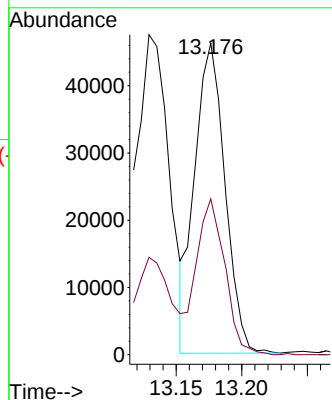
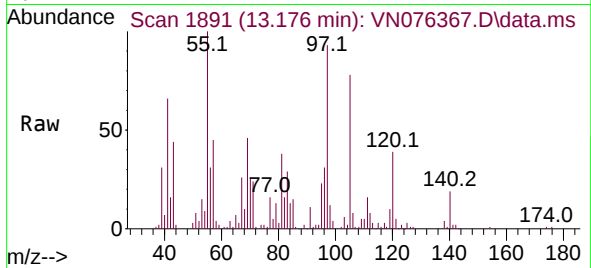




#80
 1,3,5-Trimethylbenzene
 Concen: 4.470 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN076367.D
 Acq: 23 Jan 2023 15:25

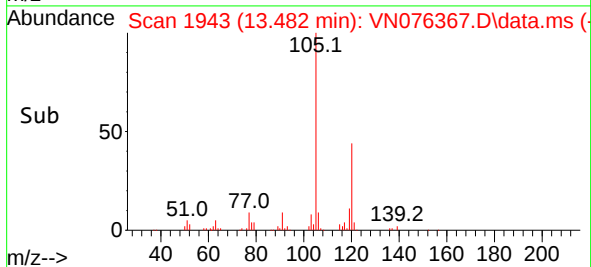
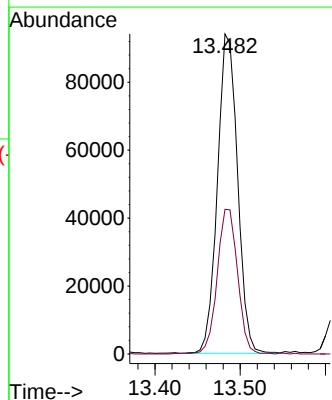
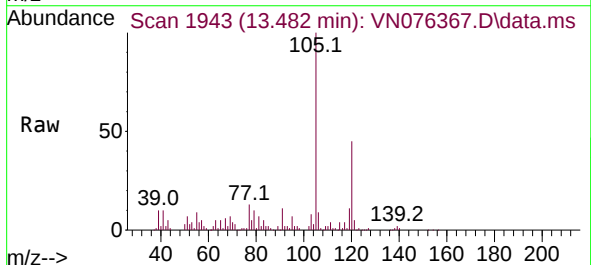
Instrument :
 MSVOA_N
 ClientSampleId :
 B-P38CDL

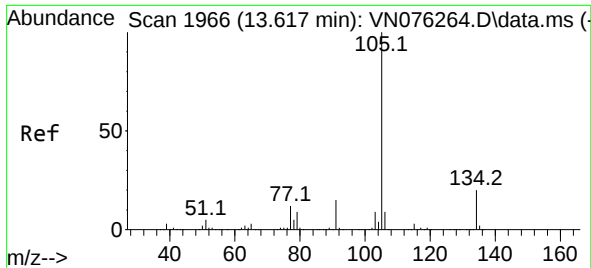
Tgt Ion:105 Resp: 73992
 Ion Ratio Lower Upper
 105 100
 120 48.1 25.0 75.0



#84
 1,2,4-Trimethylbenzene
 Concen: 9.309 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076367.D
 Acq: 23 Jan 2023 15:25

Tgt Ion:105 Resp: 154523
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5

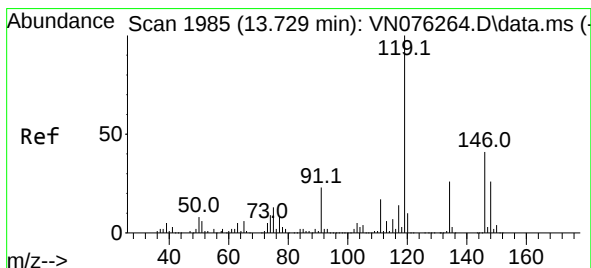
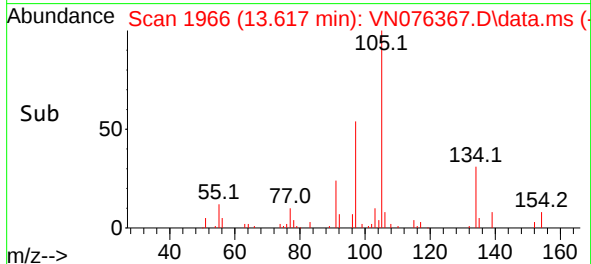
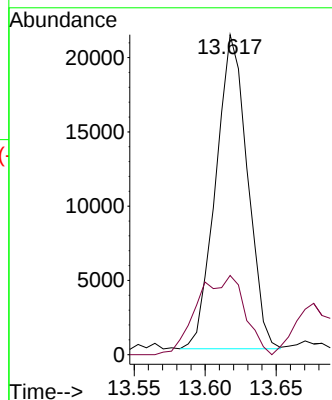
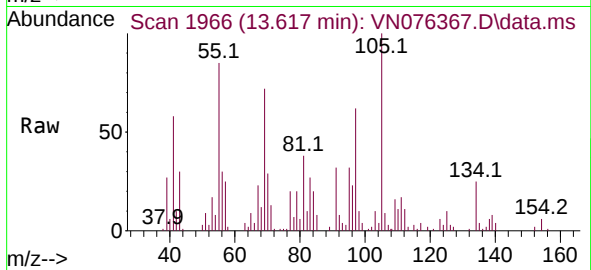




#85
 sec-Butylbenzene
 Concen: 1.607 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076367.D
 Acq: 23 Jan 2023 15:25

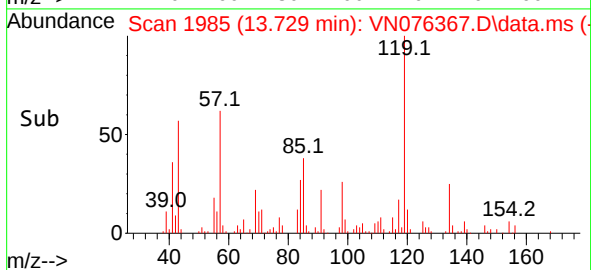
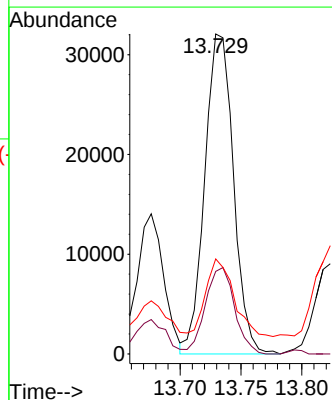
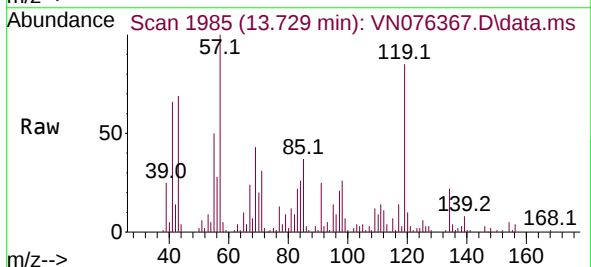
Instrument :
 MSVOA_N
 ClientSampleId :
 B-P38CDL

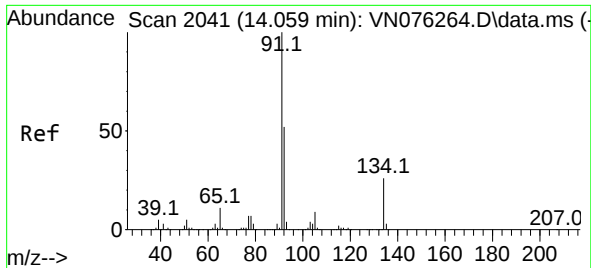
Tgt Ion:105 Resp: 32833
 Ion Ratio Lower Upper
 105 100
 134 37.7 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 3.135 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076367.D
 Acq: 23 Jan 2023 15:25

Tgt Ion:119 Resp: 52671
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.6
 91 23.6 11.8 35.3





#89
 n-Butylbenzene
 Concen: 7.860 ug/l
 RT: 14.059 min Scan# 2041
 Delta R.T. -0.000 min
 Lab File: VN076367.D
 Acq: 23 Jan 2023 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 B-P38CDL

Tgt Ion: 91	Resp: 104829
Ion Ratio	Lower Upper
91	100
92	31.1 26.3 78.9
134	0.0 13.2 39.5#

