

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075105.D
 Acq On : 10 Jan 2023 14:29
 Operator : KP/SY
 Sample : 01080-06
 Misc : 7.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3-(40-42)

Quant Time: Jan 11 01:50:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

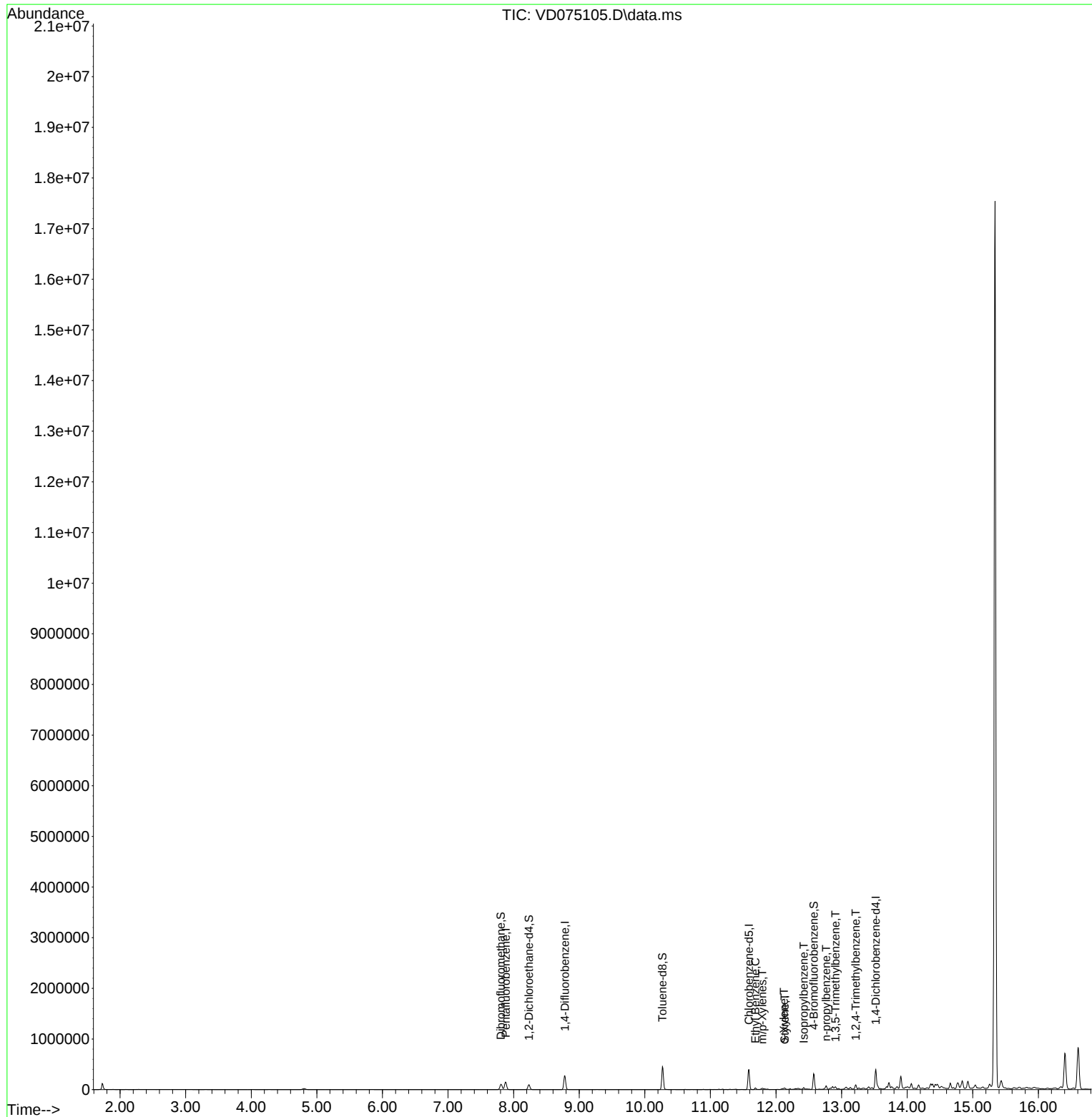
Internal Standards						
1) Pentafluorobenzene	7.881	168	110390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	247204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	229498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	99224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75458	68.182	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 136.360%		
35) Dibromofluoromethane	7.805	113	79430	51.081	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 102.160%		
50) Toluene-d8	10.269	98	304003	49.307	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 98.620%		
62) 4-Bromofluorobenzene	12.575	95	101713	51.396	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 102.800%		
Target Compounds						Qvalue
67) Ethyl Benzene	11.687	91	21380	2.780	ug/l	93
68) m/p-Xylenes	11.793	106	7370	2.486	ug/l	95
69) o-Xylene	12.122	106	4110	1.430	ug/l	94
70) Styrene	12.134	104	7788	1.622	ug/l	100
73) Isopropylbenzene	12.422	105	20648	2.783	ug/l	97
78) n-propylbenzene	12.763	91	52138	5.860	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	12695	2.109	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	46637	8.018	ug/l	99

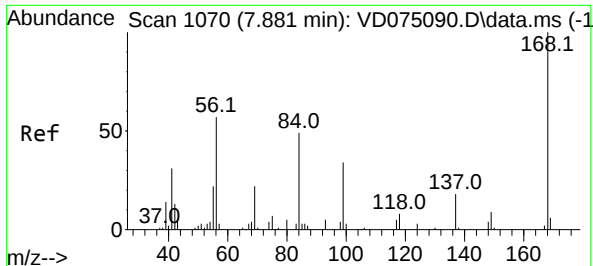
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075105.D
Acq On : 10 Jan 2023 14:29
Operator : KP/SY
Sample : 01080-06
Misc : 7.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3-(40-42)

Quant Time: Jan 11 01:50:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 10 03:36:33 2023
Response via : Initial Calibration

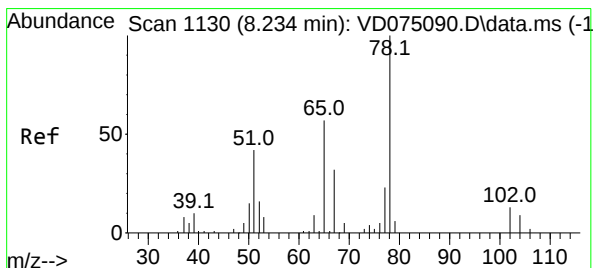
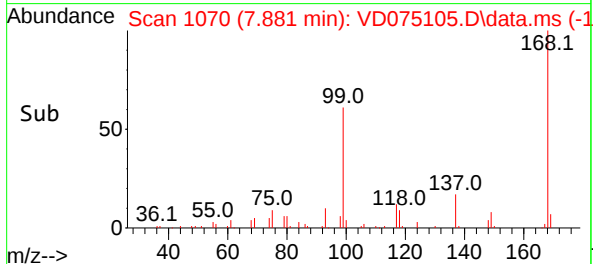
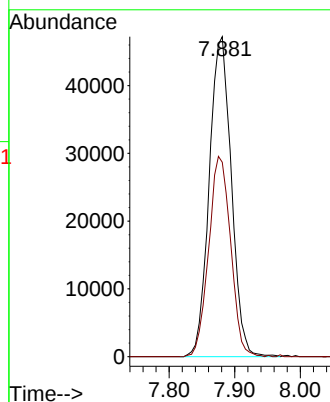
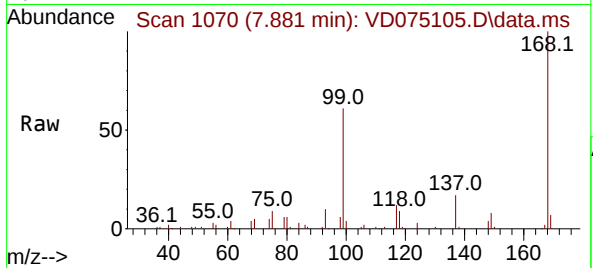




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

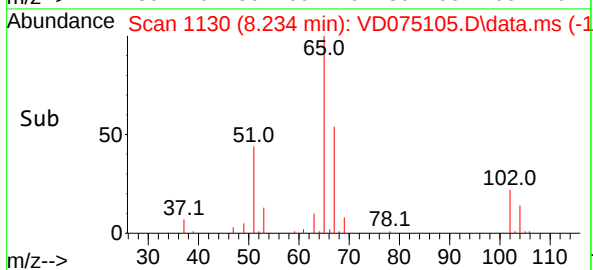
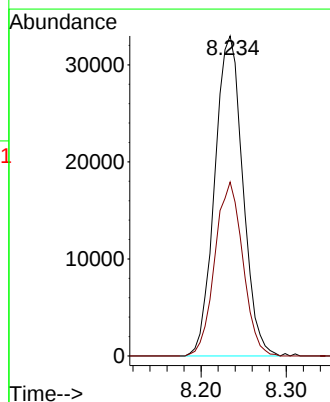
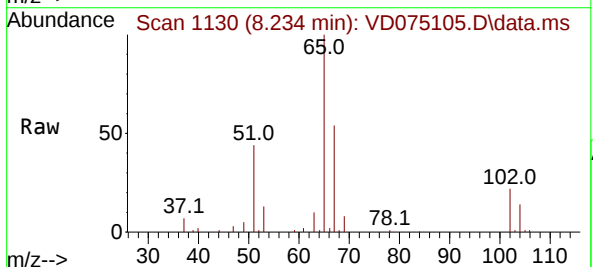
Instrument :
MSVOA_D
ClientSampleId :
B-3-(40-42)

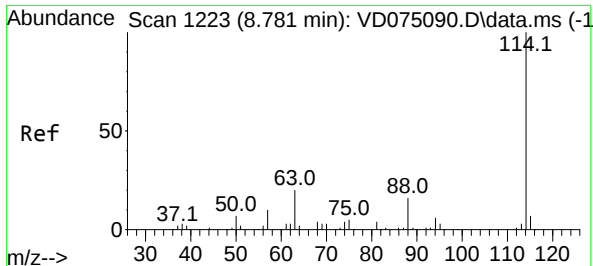
Tgt Ion:168 Resp: 110390
Ion Ratio Lower Upper
168 100
99 60.8 43.2 64.8



#33
1,2-Dichloroethane-d4
Concen: 68.182 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

Tgt Ion: 65 Resp: 75458
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075105.D

Acq: 10 Jan 2023 14:29

Instrument :

MSVOA_D

ClientSampleId :

B-3-(40-42)

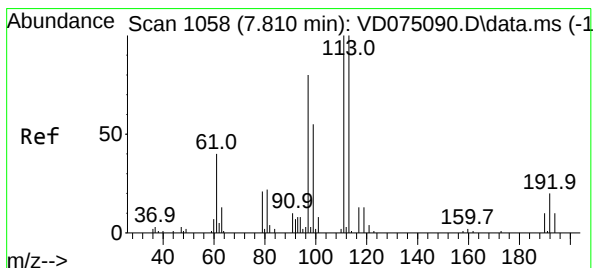
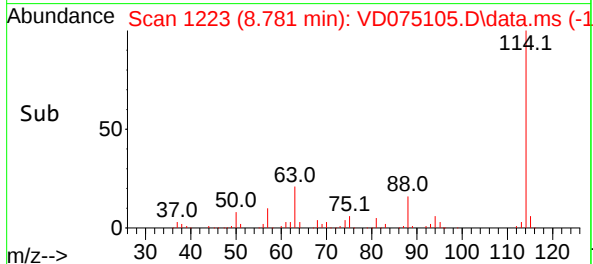
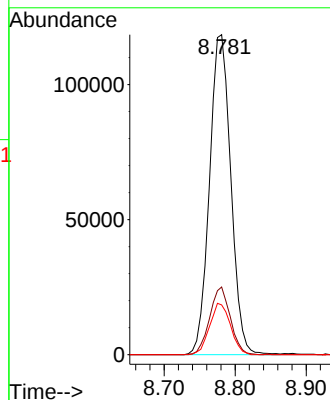
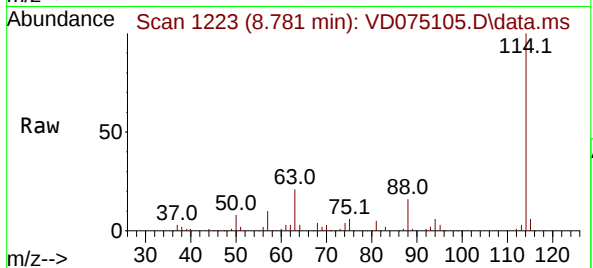
Tgt Ion:114 Resp: 247204

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 15.5 0.0 31.2



#35

Dibromofluoromethane

Concen: 51.081 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075105.D

Acq: 10 Jan 2023 14:29

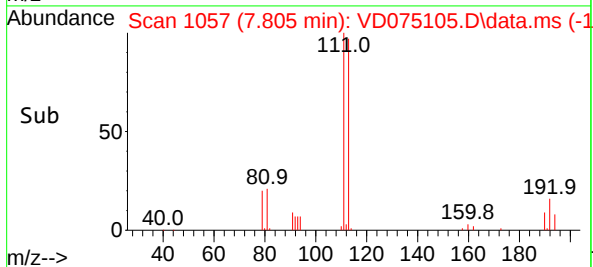
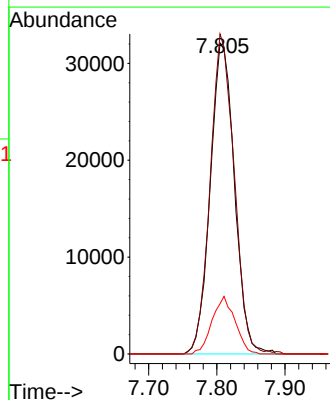
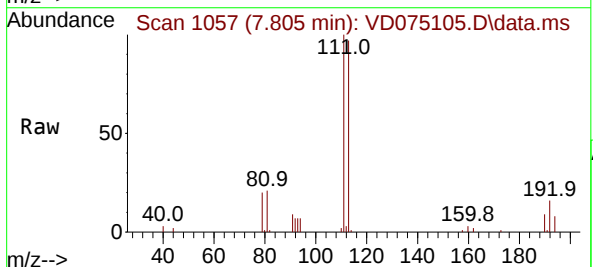
Tgt Ion:113 Resp: 79430

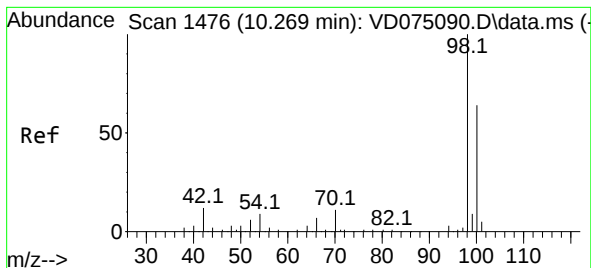
Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

192 17.5 15.0 22.6

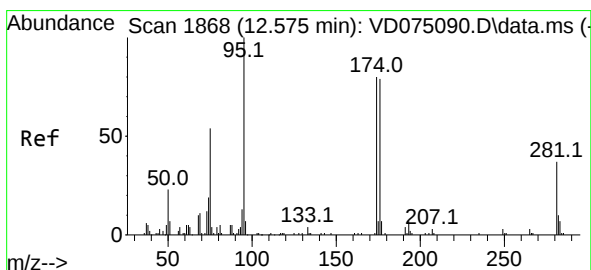
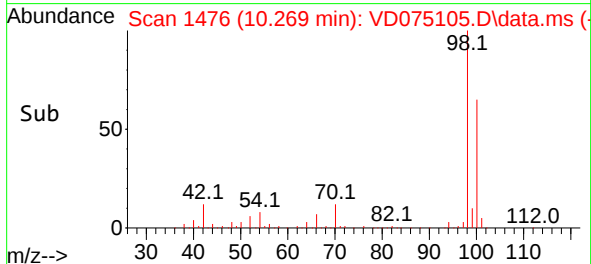
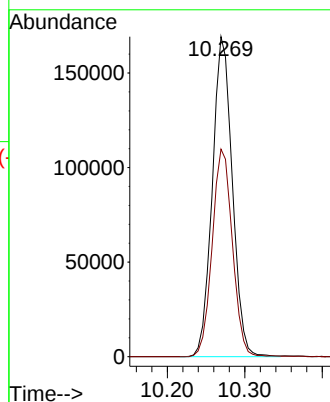
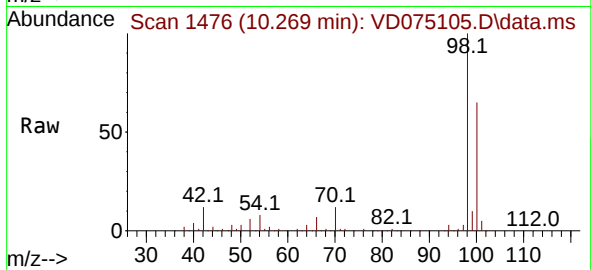




#50
Toluene-d8
Concen: 49.307 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

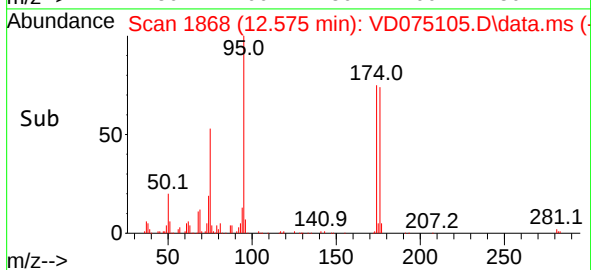
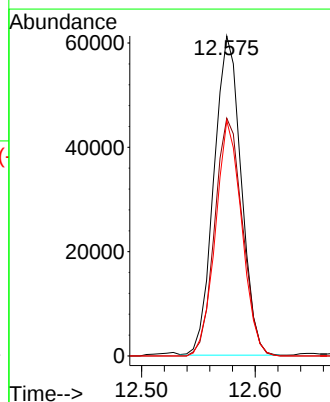
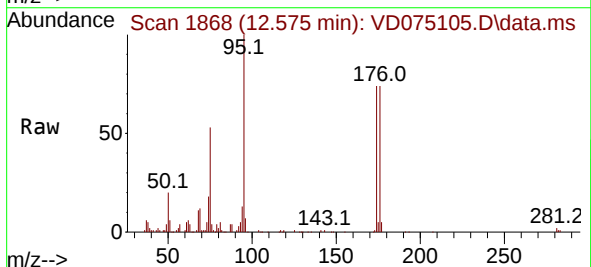
Instrument :
MSVOA_D
ClientSampleId :
B-3-(40-42)

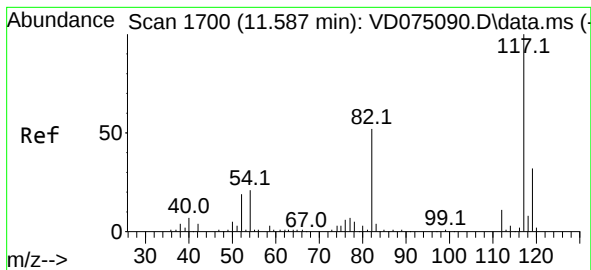
Tgt Ion: 98 Resp: 304003
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.396 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

Tgt Ion: 95 Resp: 101713
Ion Ratio Lower Upper
95 100
174 76.0 0.0 168.4
176 71.4 0.0 163.8

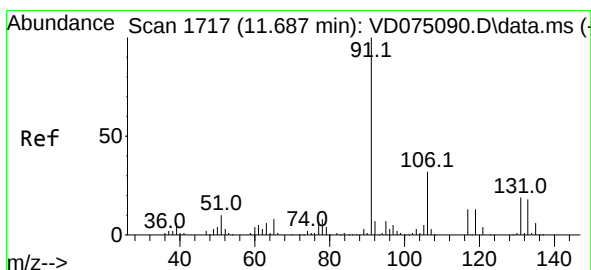
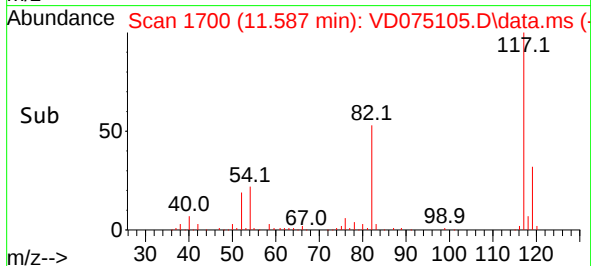
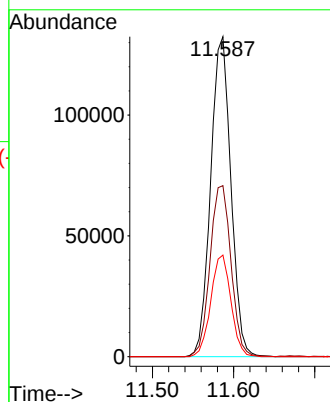
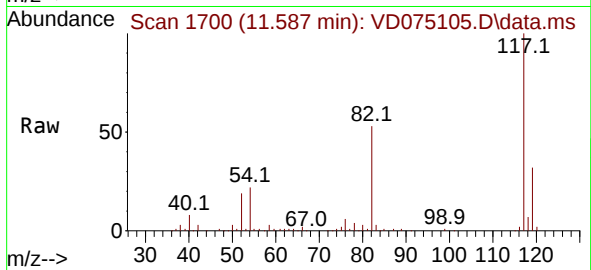




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

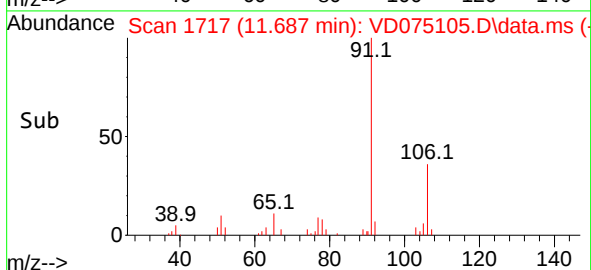
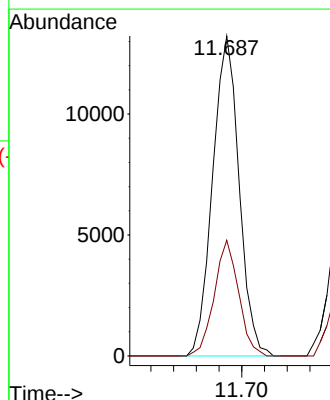
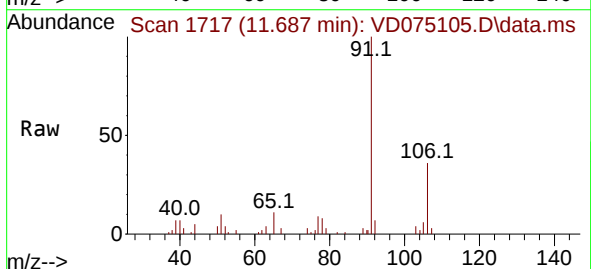
Instrument :
MSVOA_D
ClientSampleId :
B-3-(40-42)

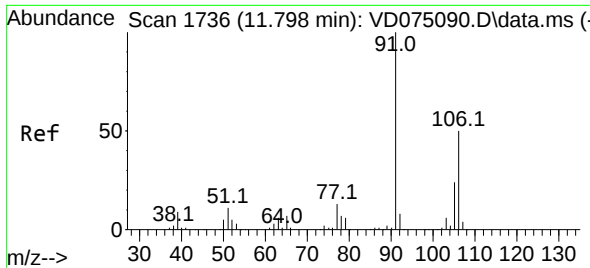
Tgt Ion:117 Resp: 229498
Ion Ratio Lower Upper
117 100
82 53.5 41.3 61.9
119 31.8 25.8 38.6



#67
Ethyl Benzene
Concen: 2.780 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

Tgt Ion: 91 Resp: 21380
Ion Ratio Lower Upper
91 100
106 36.2 25.8 38.6

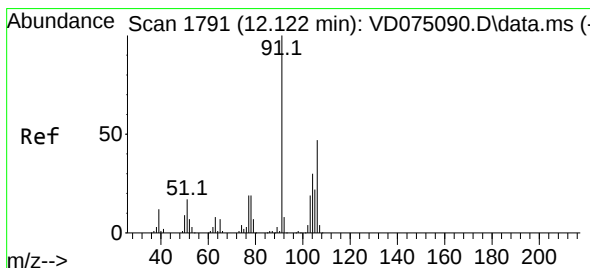
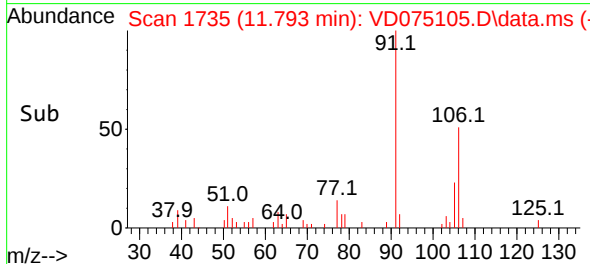
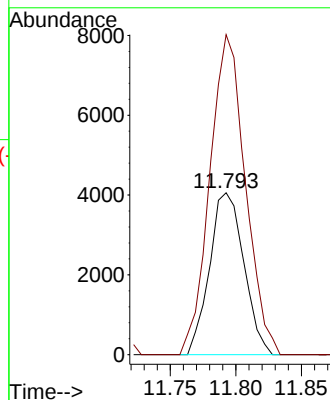
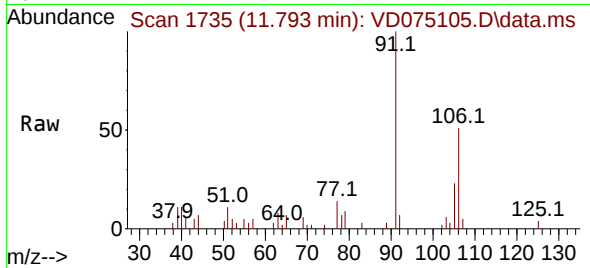




#68
m/p-Xylenes
Concen: 2.486 ug/l
RT: 11.793 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

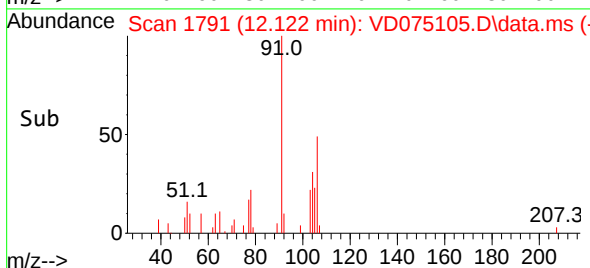
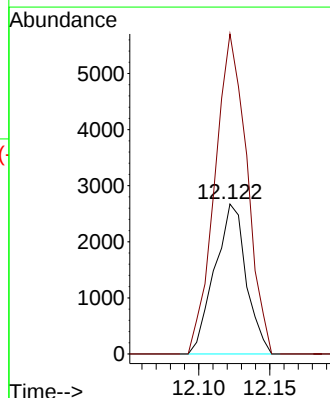
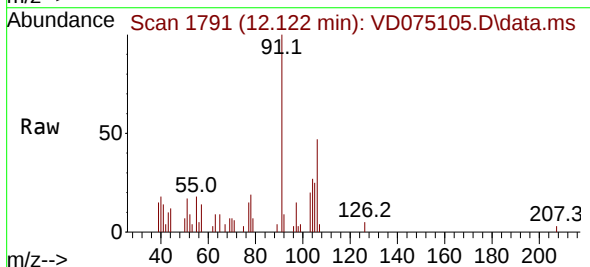
Instrument :
MSVOA_D
ClientSampleId :
B-3-(40-42)

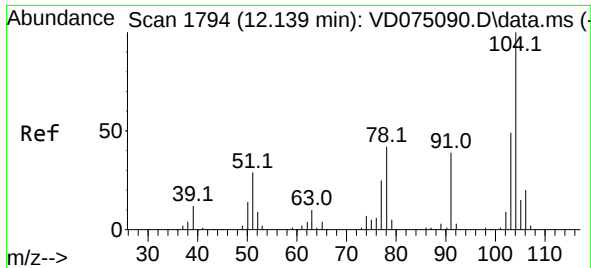
Tgt Ion:106 Resp: 7370
Ion Ratio Lower Upper
106 100
91 205.3 157.9 236.9



#69
o-Xylene
Concen: 1.430 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

Tgt Ion:106 Resp: 4110
Ion Ratio Lower Upper
106 100
91 218.4 104.5 313.3

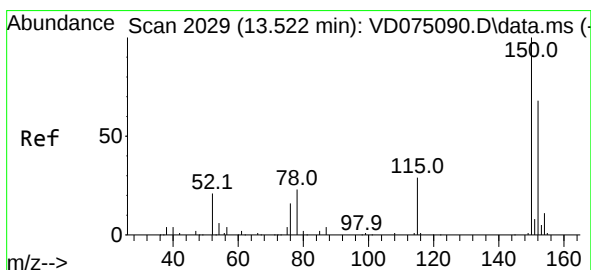
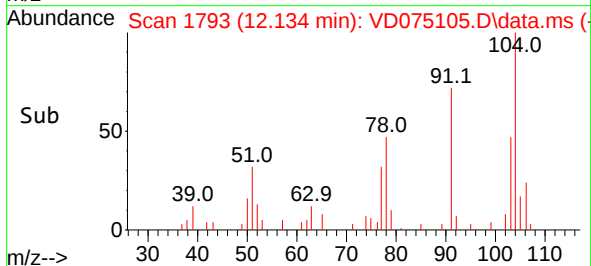
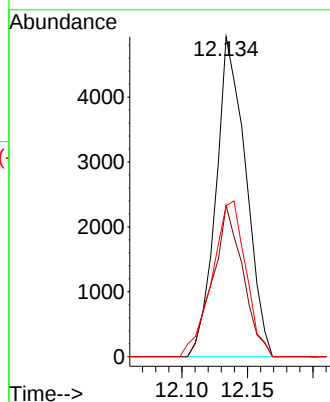
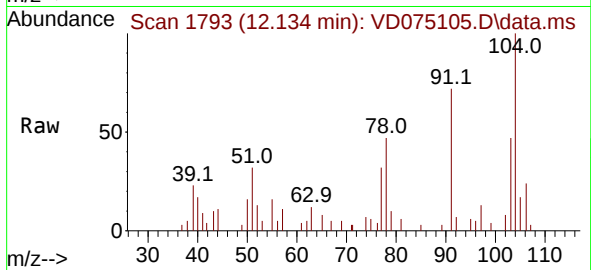




#70
Styrene
Concen: 1.622 ug/l
RT: 12.134 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

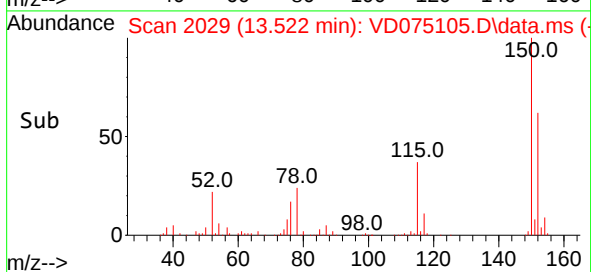
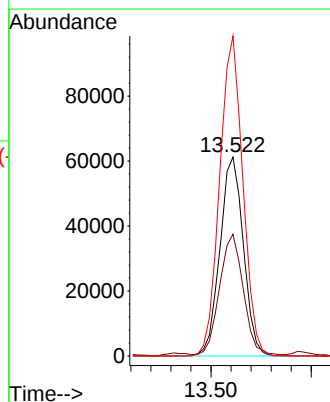
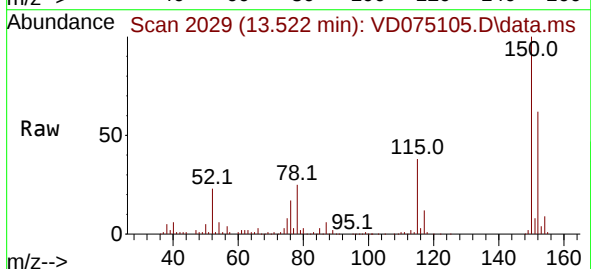
Instrument :
MSVOA_D
ClientSampleId :
B-3-(40-42)

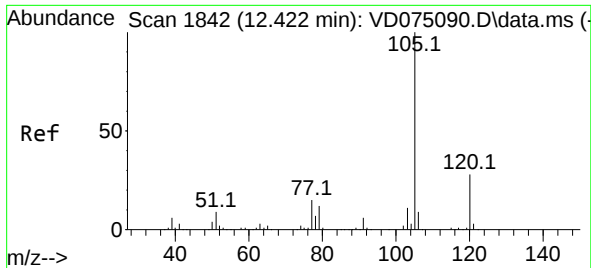
Tgt Ion:104 Resp: 7788
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.2
103 55.0 43.9 65.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

Tgt Ion:152 Resp: 99224
Ion Ratio Lower Upper
152 100
115 62.0 28.7 86.1
150 159.0 0.0 343.2

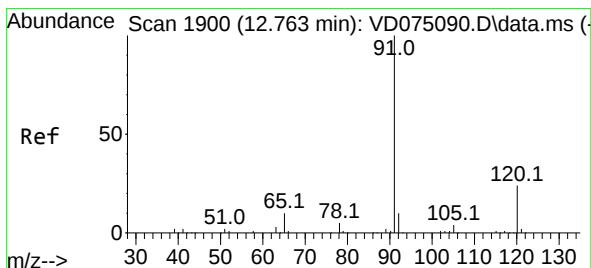
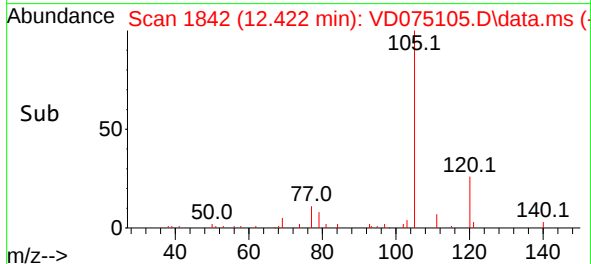
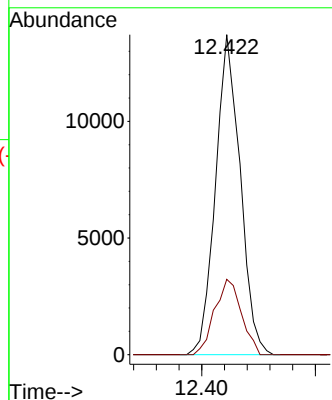
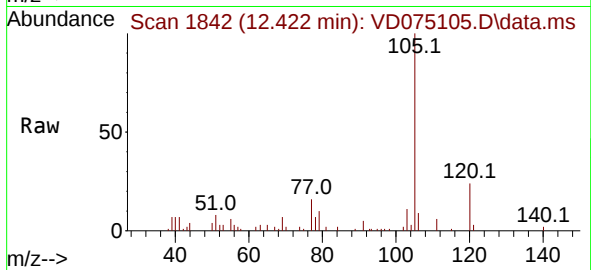




#73
Isopropylbenzene
Concen: 2.783 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

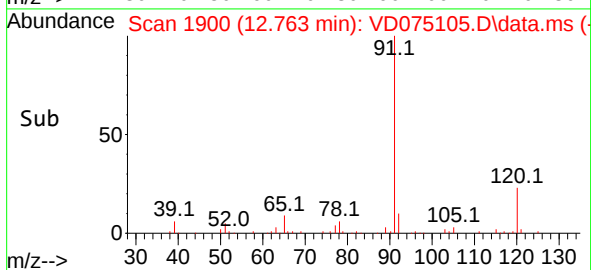
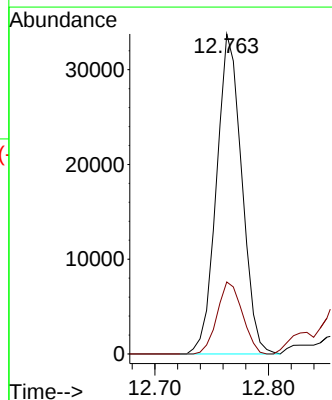
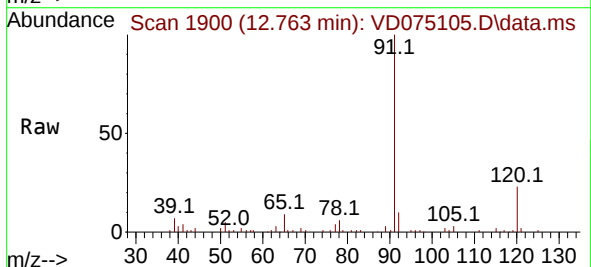
Instrument :
MSVOA_D
ClientSampleId :
B-3-(40-42)

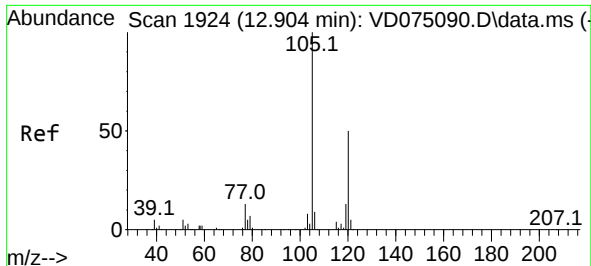
Tgt Ion:105 Resp: 20648
Ion Ratio Lower Upper
105 100
120 25.5 13.6 40.7



#78
n-propylbenzene
Concen: 5.860 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

Tgt Ion: 91 Resp: 52138
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.0

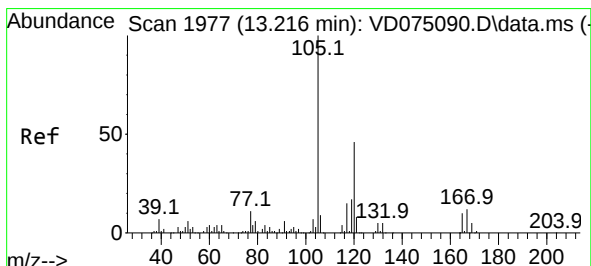
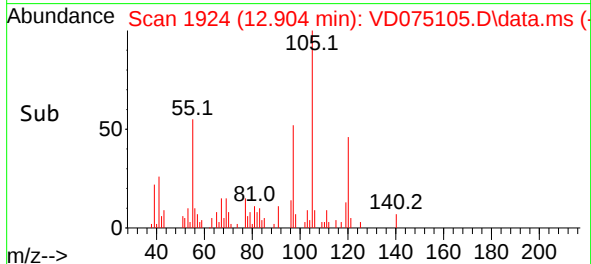
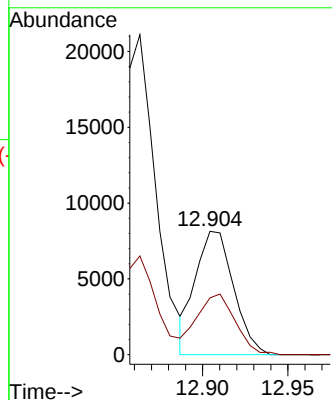
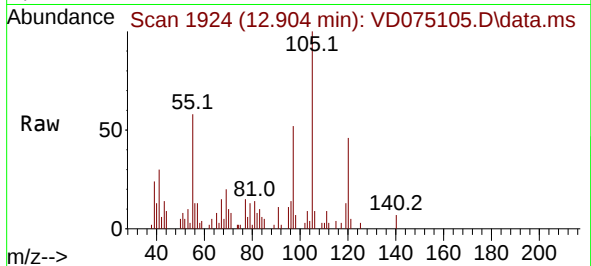




#80
1,3,5-Trimethylbenzene
Concen: 2.109 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

Instrument :
MSVOA_D
ClientSampleId :
B-3-(40-42)

Tgt Ion:105 Resp: 12695
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.3



#84
1,2,4-Trimethylbenzene
Concen: 8.018 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075105.D
Acq: 10 Jan 2023 14:29

Tgt Ion:105 Resp: 46637
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4

