

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075237.D
 Acq On : 30 Jan 2023 14:52
 Operator : KP/SY
 Sample : 01348-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 W-H5(31-32)

Quant Time: Jan 31 00:22:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

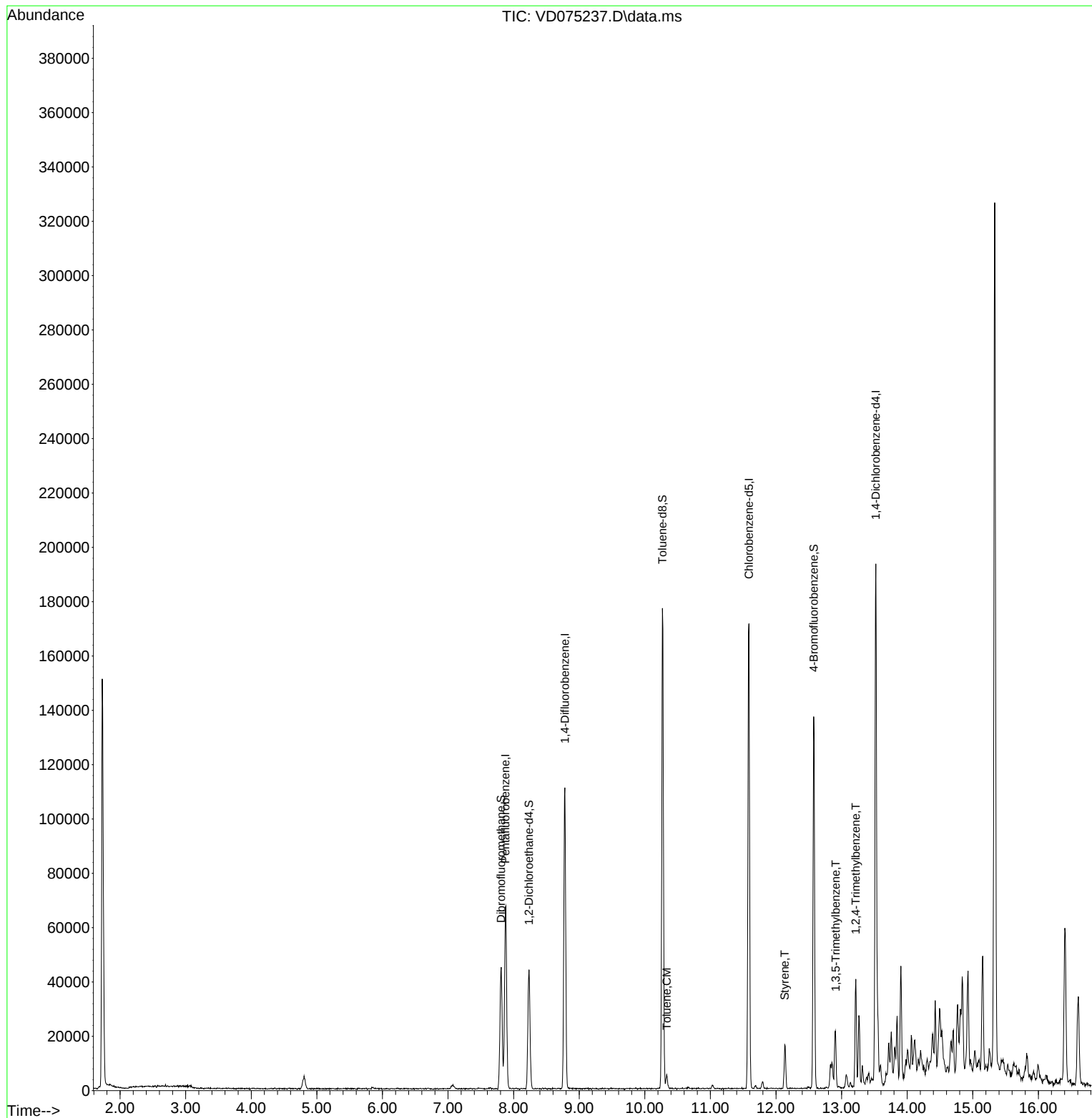
Internal Standards						
1) Pentafluorobenzene	7.875	168	51177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	95663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	97042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	48625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33622	64.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.760%	
35) Dibromofluoromethane	7.811	113	31952	55.274	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.269	98	120312	52.860	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	12.575	95	42403	58.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.400%	
Target Compounds						
					Qvalue	
52) Toluene	10.334	92	2126	1.270	ug/l	91
70) Styrene	12.134	104	8086	3.750	ug/l	93
80) 1,3,5-Trimethylbenzene	12.910	105	7822	2.486	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	20701	6.699	ug/l	94

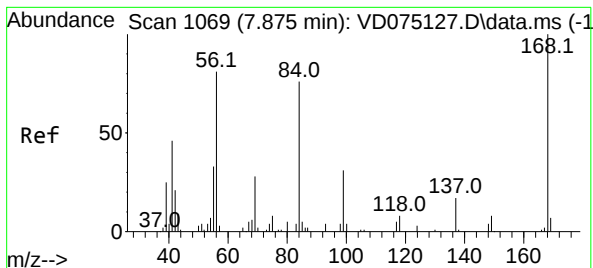
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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W-H5(31-32)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD075237.D

Acq: 30 Jan 2023 14:52

Instrument :

MSVOA_D

ClientSampleId :

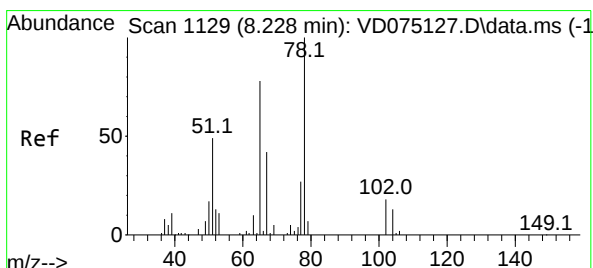
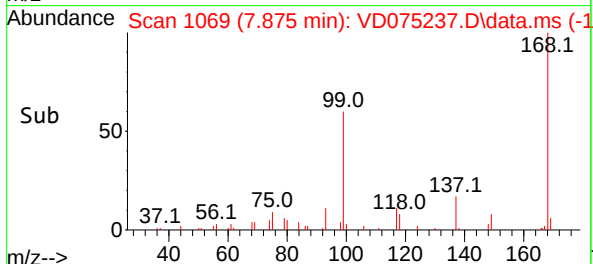
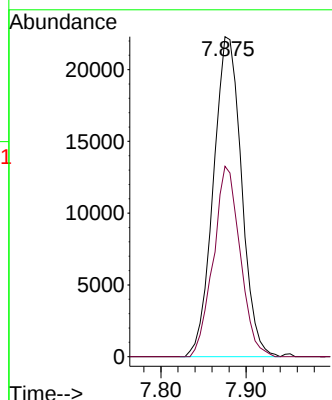
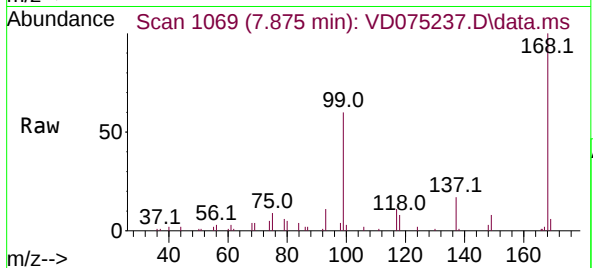
W-H5(31-32)

Tgt Ion:168 Resp: 51177

Ion Ratio Lower Upper

168 100

99 59.5 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 64.383 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075237.D

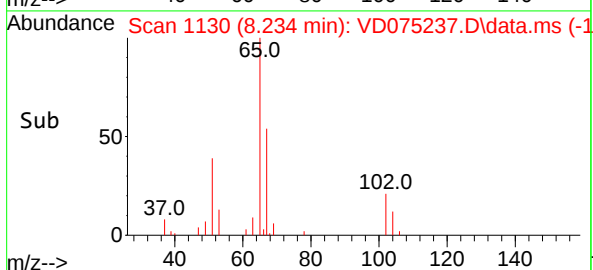
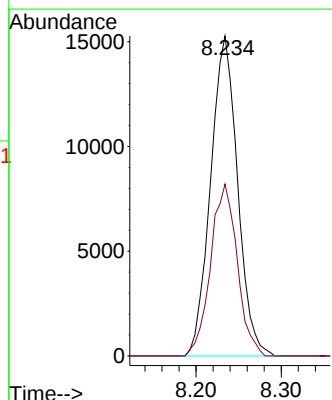
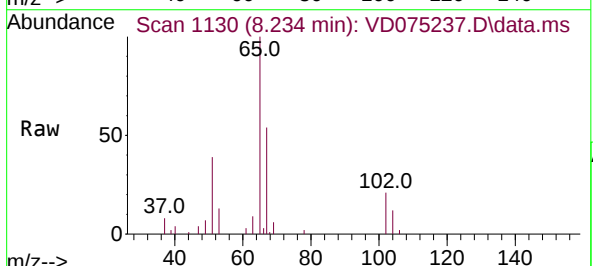
Acq: 30 Jan 2023 14:52

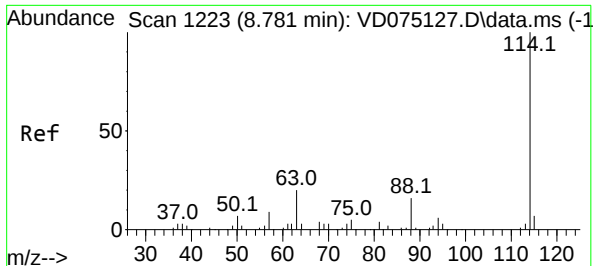
Tgt Ion: 65 Resp: 33622

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.2

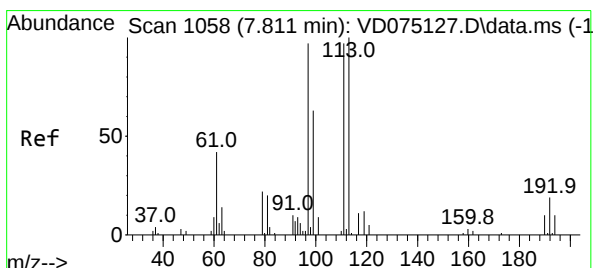
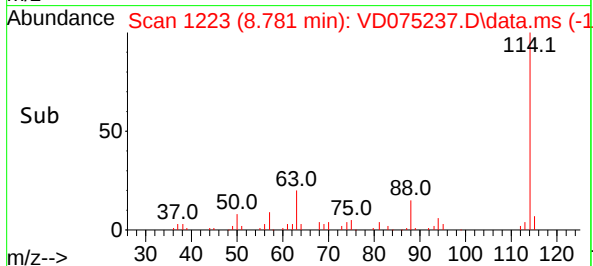
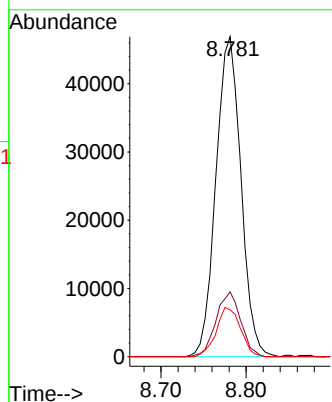
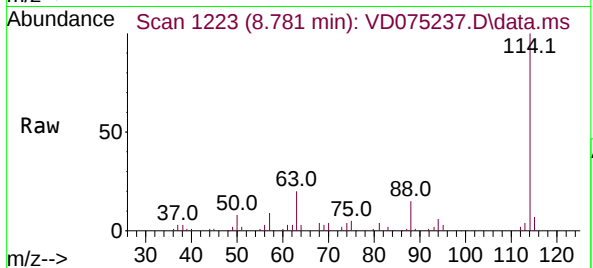




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075237.D
Acq: 30 Jan 2023 14:52

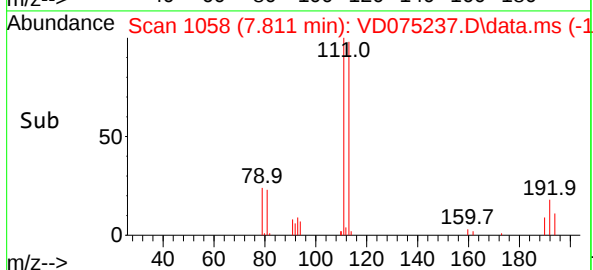
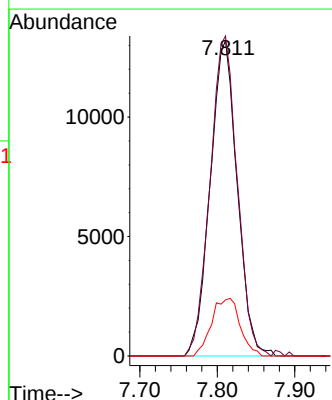
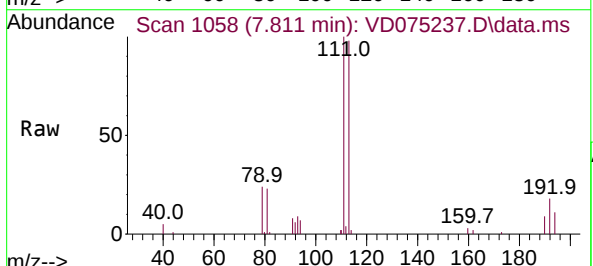
Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

Tgt Ion:114 Resp: 95663
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.2
88 14.6 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.274 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075237.D
Acq: 30 Jan 2023 14:52

Tgt Ion:113 Resp: 31952
Ion Ratio Lower Upper
113 100
111 102.0 80.1 120.1
192 19.3 15.4 23.0

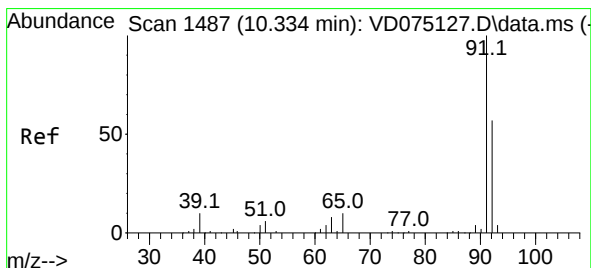
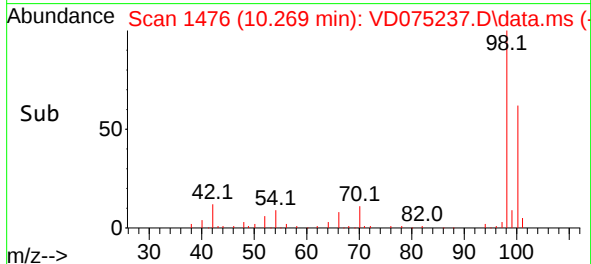
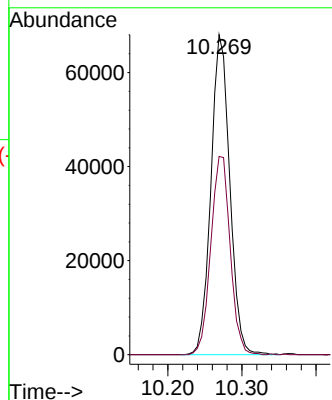
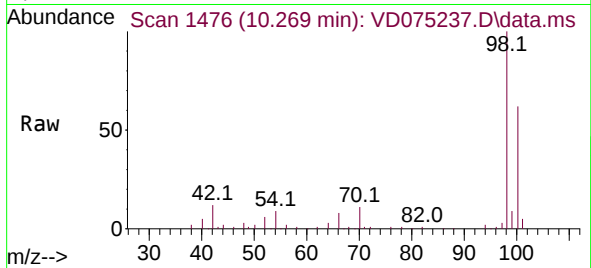




#50
Toluene-d8
Concen: 52.860 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075237.D
Acq: 30 Jan 2023 14:52

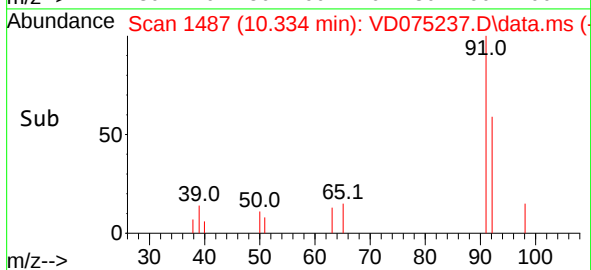
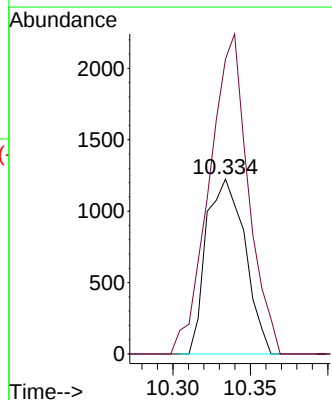
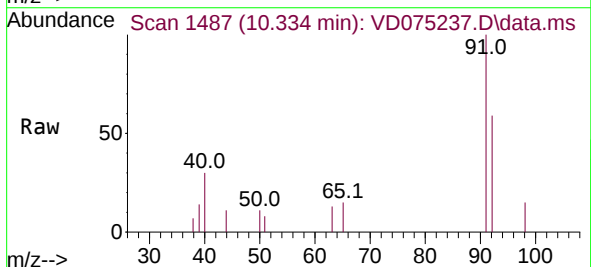
Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

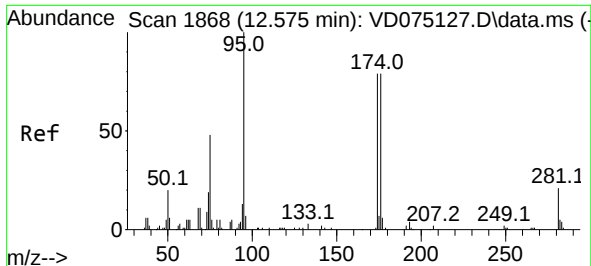
Tgt Ion: 98 Resp: 120312
Ion Ratio Lower Upper
98 100
100 63.6 52.7 79.1



#52
Toluene
Concen: 1.270 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075237.D
Acq: 30 Jan 2023 14:52

Tgt Ion: 92 Resp: 2126
Ion Ratio Lower Upper
92 100
91 184.0 137.0 205.4

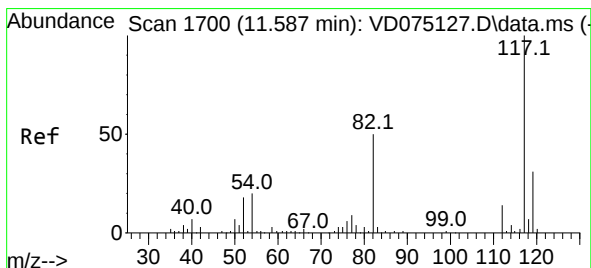
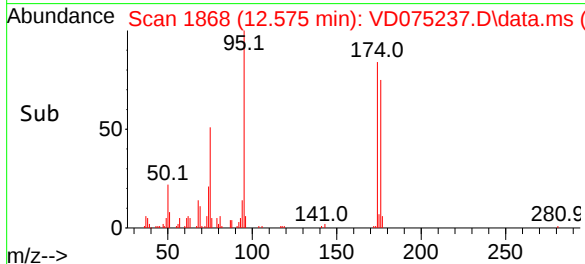
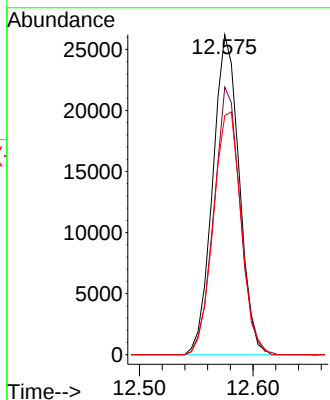
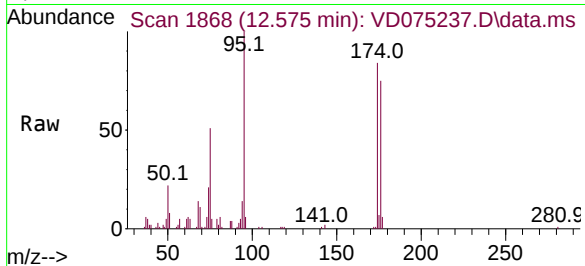




#62
4-Bromofluorobenzene
Concen: 58.702 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075237.D
Acq: 30 Jan 2023 14:52

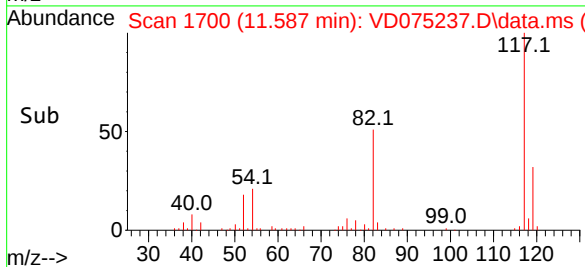
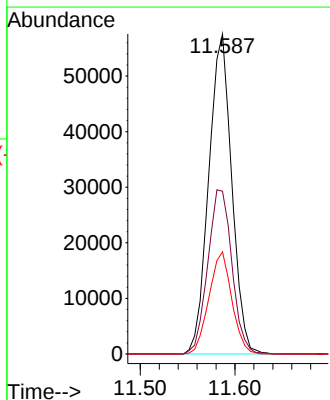
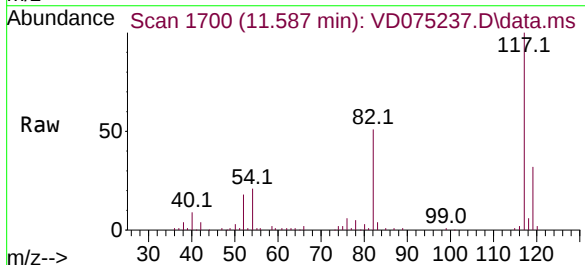
Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

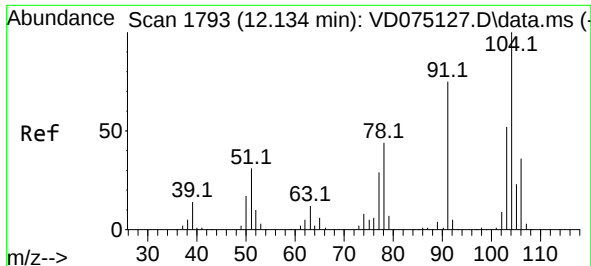
Tgt Ion: 95 Resp: 42403
Ion Ratio Lower Upper
95 100
174 83.1 0.0 161.2
176 79.8 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075237.D
Acq: 30 Jan 2023 14:52

Tgt Ion: 117 Resp: 97042
Ion Ratio Lower Upper
117 100
82 50.9 39.6 59.4
119 31.9 24.6 37.0

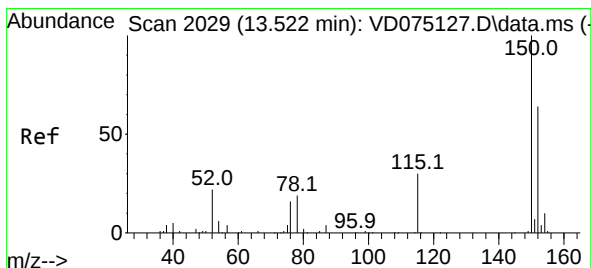
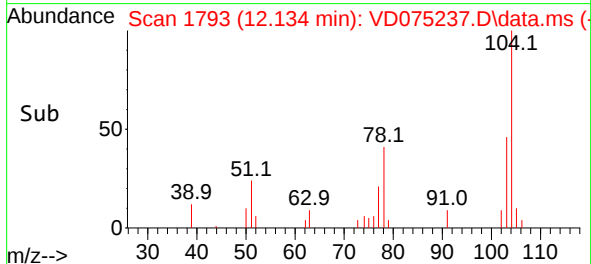
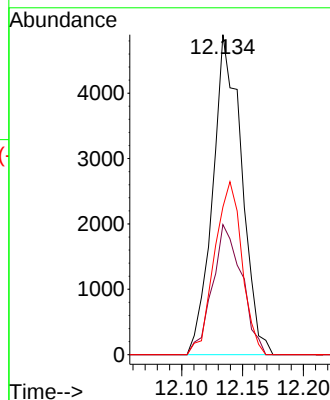
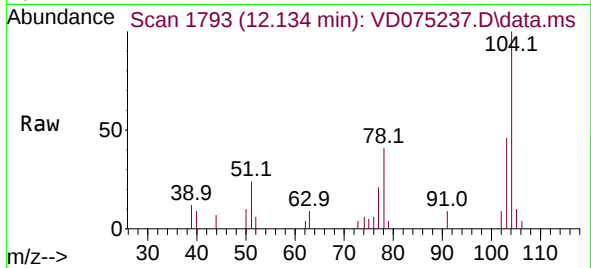




#70
Styrene
Concen: 3.750 ug/l
RT: 12.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075237.D
Acq: 30 Jan 2023 14:52

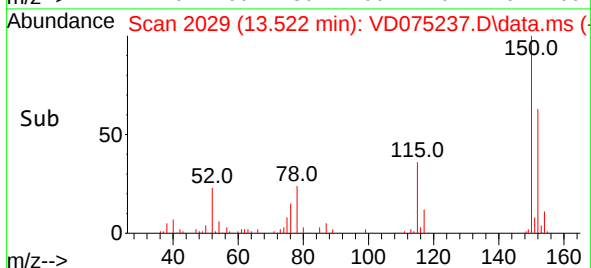
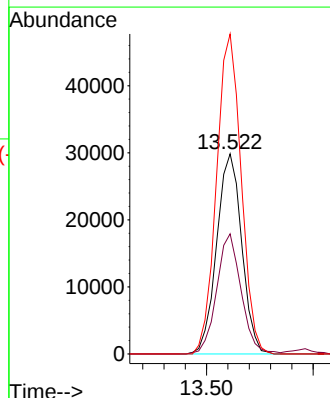
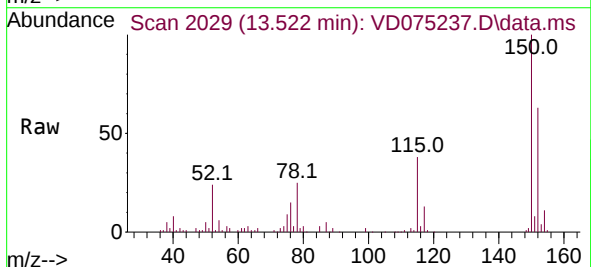
Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

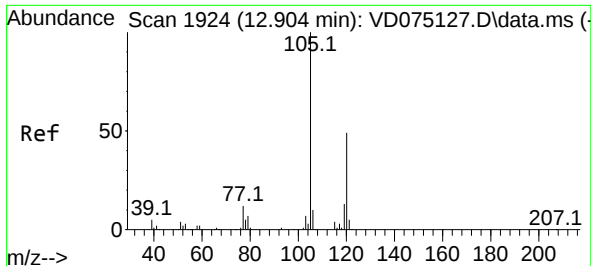
Tgt Ion:104	Resp:	8086
Ion Ratio	Lower	Upper
104	100	
78	41.3	38.9 58.3
103	51.6	43.6 65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075237.D
Acq: 30 Jan 2023 14:52

Tgt Ion:152	Resp:	48625
Ion Ratio	Lower	Upper
152	100	
115	58.6	28.8 86.4
150	157.2	0.0 348.6

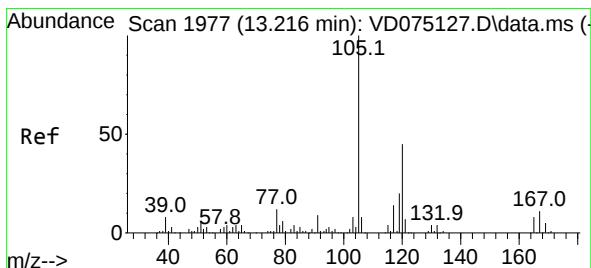
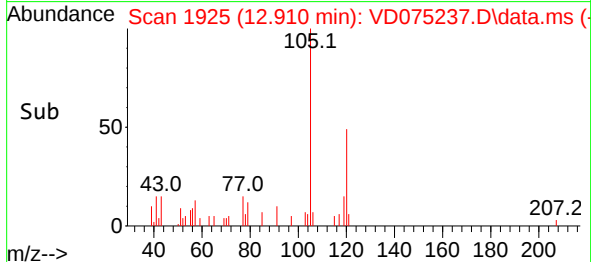
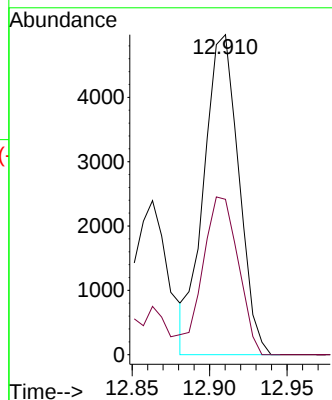
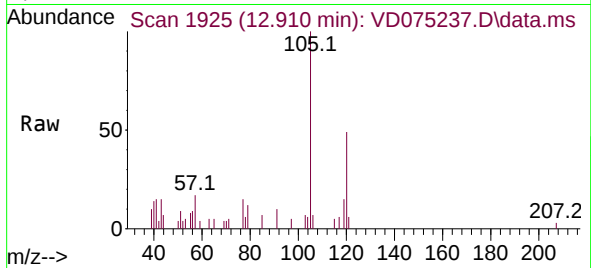




#80
1,3,5-Trimethylbenzene
Concen: 2.486 ug/l
RT: 12.910 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD075237.D
Acq: 30 Jan 2023 14:52

Instrument :
MSVOA_D
ClientSampleId :
W-H5(31-32)

Tgt Ion:105 Resp: 7822
Ion Ratio Lower Upper
105 100
120 51.0 24.6 73.8



#84
1,2,4-Trimethylbenzene
Concen: 6.699 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075237.D
Acq: 30 Jan 2023 14:52

Tgt Ion:105 Resp: 20701
Ion Ratio Lower Upper
105 100
120 50.1 23.2 69.5

