

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075162.D
 Acq On : 20 Jan 2023 19:17
 Operator : KP/SY
 Sample : 01233-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P38B

Quant Time: Jan 23 00:33:56 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)

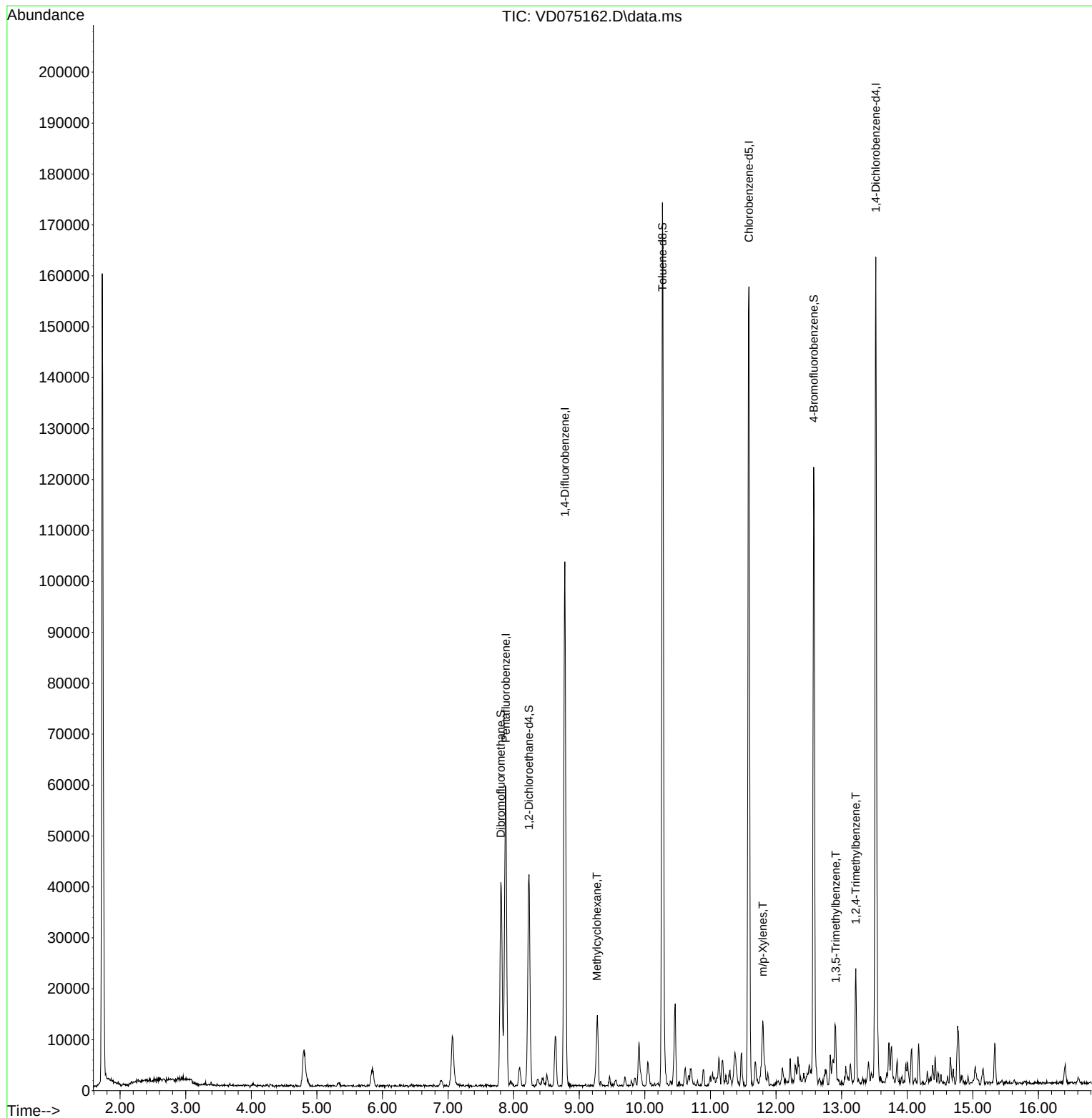
Internal Standards						
1) Pentafluorobenzene	7.881	168	41902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	88407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	88309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	31629	73.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.940%	
35) Dibromofluoromethane	7.804	113	29269	54.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.580%	
50) Toluene-d8	10.269	98	114170	54.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.560%	
62) 4-Bromofluorobenzene	12.575	95	40344	60.435	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.880%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.269	83	5376	5.082	ug/l	96
68) m/p-Xylenes	11.798	106	3296	2.619	ug/l	90
80) 1,3,5-Trimethylbenzene	12.910	105	4273	1.621	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	12047	4.653	ug/l	98

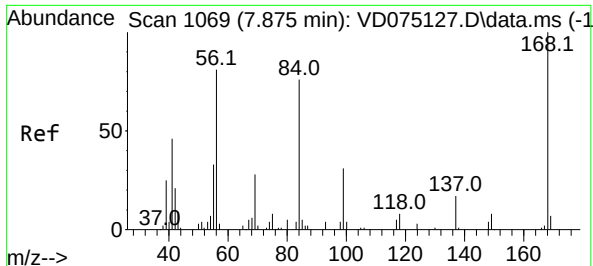
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 23 00:33:56 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

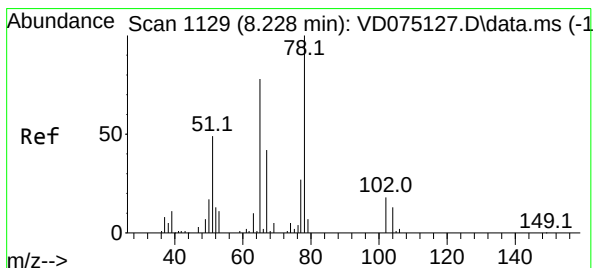
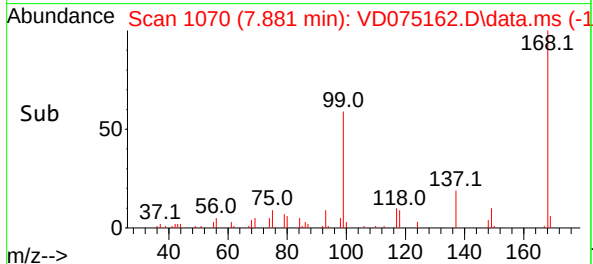
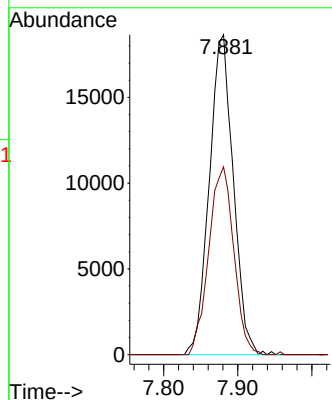
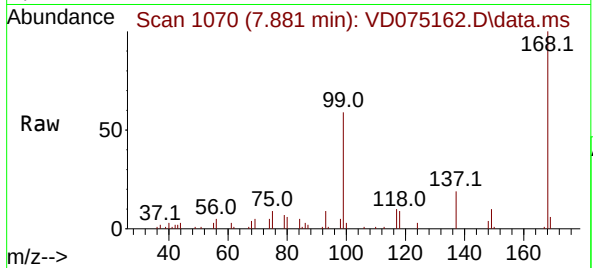




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075162.D
Acq: 20 Jan 2023 19:17

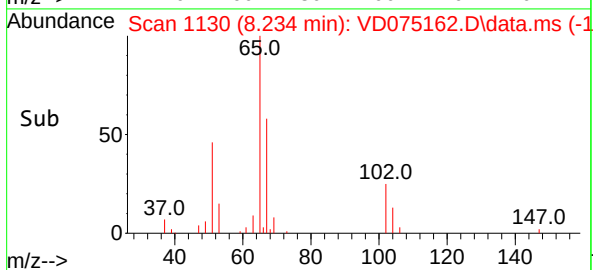
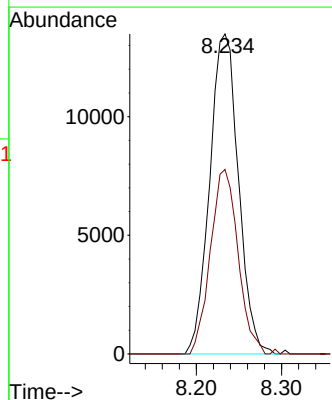
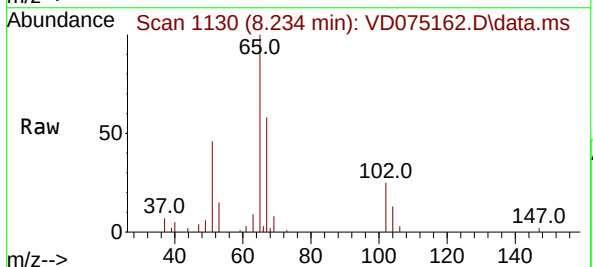
Instrument :
MSVOA_D
ClientSampleId :
B-P38B

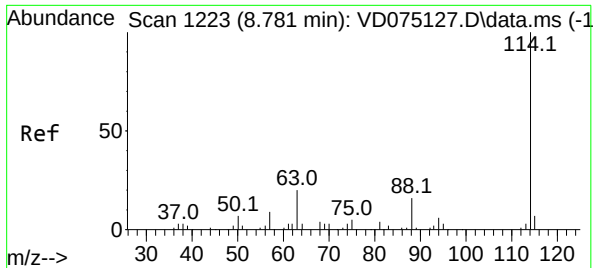
Tgt Ion:168 Resp: 41902
Ion Ratio Lower Upper
168 100
99 58.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 73.973 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VD075162.D
Acq: 20 Jan 2023 19:17

Tgt Ion: 65 Resp: 31629
Ion Ratio Lower Upper
65 100
67 55.4 0.0 105.2

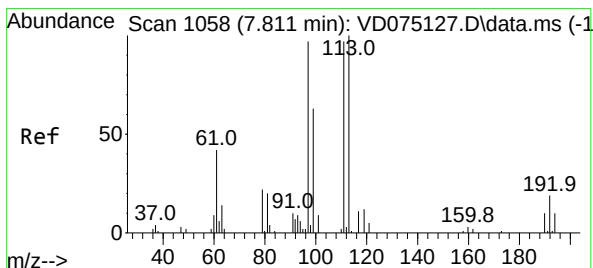
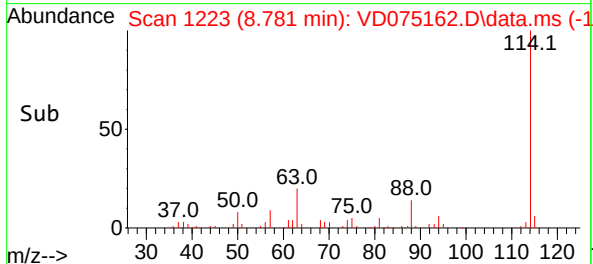
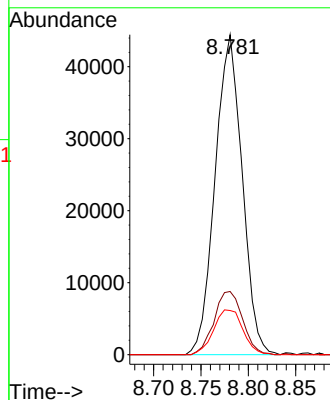
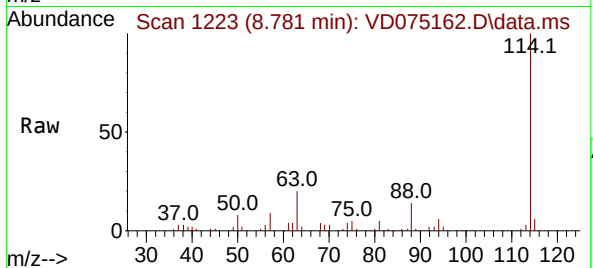




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075162.D
Acq: 20 Jan 2023 19:17

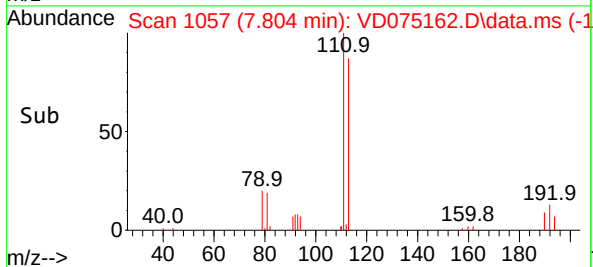
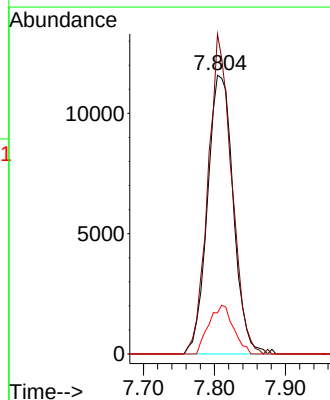
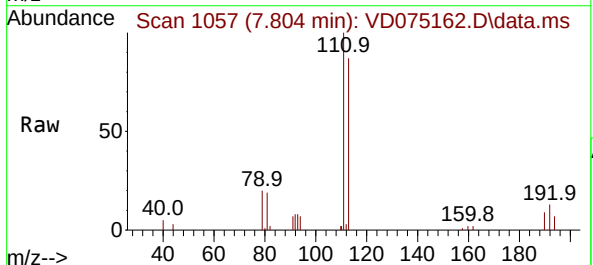
Instrument :
MSVOA_D
ClientSampleId :
B-P38B

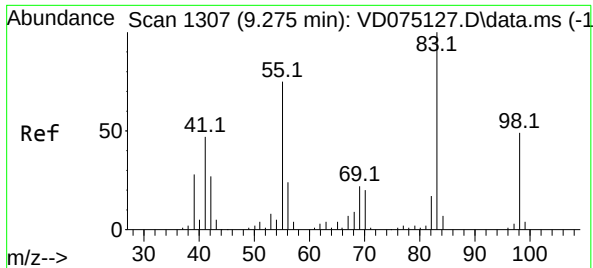
Tgt Ion:114 Resp: 88407
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.2
88 13.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 54.789 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075162.D
Acq: 20 Jan 2023 19:17

Tgt Ion:113 Resp: 29269
Ion Ratio Lower Upper
113 100
111 105.1 80.1 120.1
192 16.5 15.4 23.0





#39

Methylcyclohexane

Concen: 5.082 ug/l

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD075162.D

Acq: 20 Jan 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

B-P38B

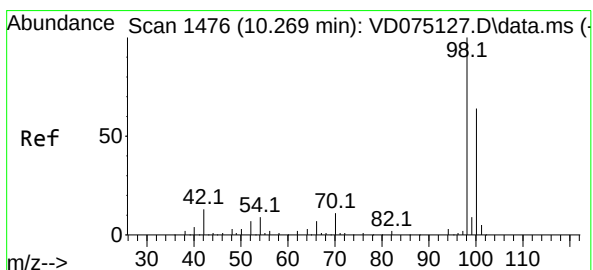
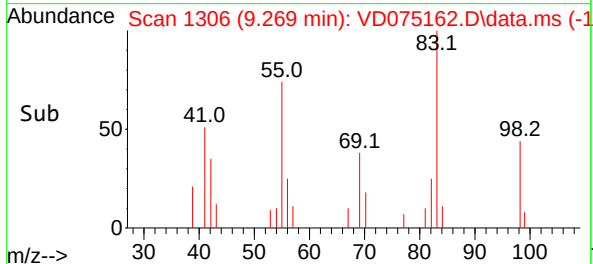
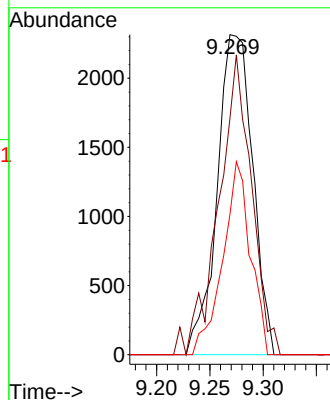
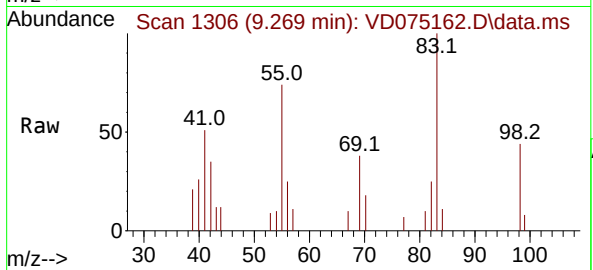
Tgt Ion: 83 Resp: 5376

Ion Ratio Lower Upper

83 100

55 73.9 60.0 90.0

98 43.8 39.0 58.4



#50

Toluene-d8

Concen: 54.279 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075162.D

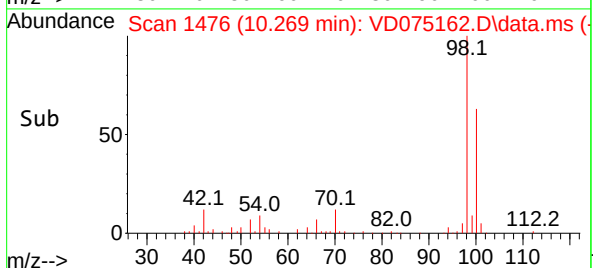
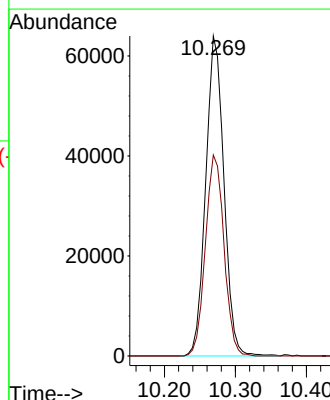
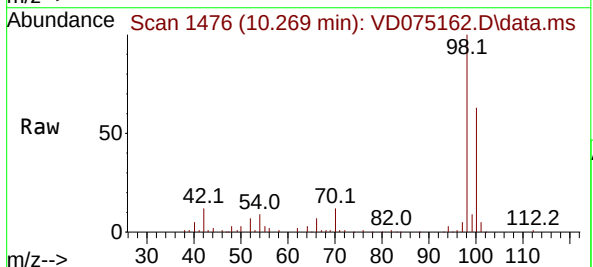
Acq: 20 Jan 2023 19:17

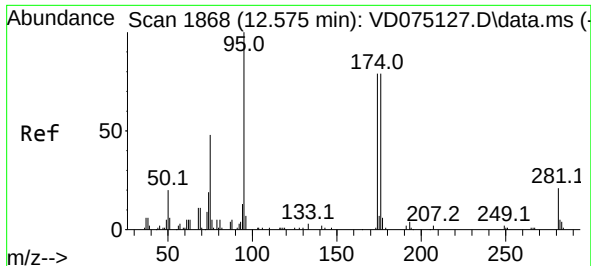
Tgt Ion: 98 Resp: 114170

Ion Ratio Lower Upper

98 100

100 64.1 52.7 79.1

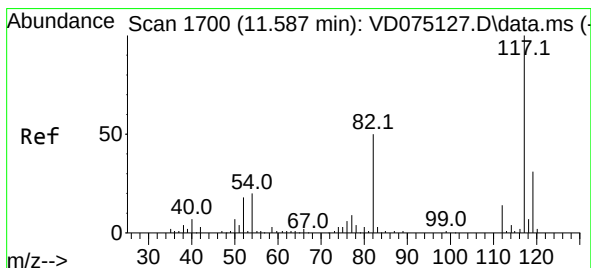
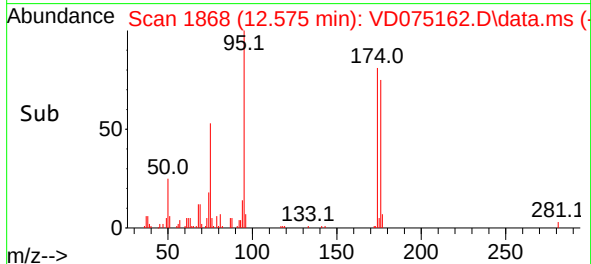
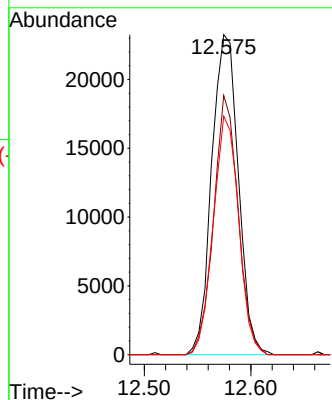
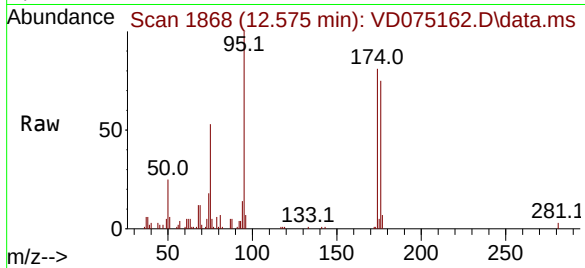




#62
4-Bromofluorobenzene
Concen: 60.435 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075162.D
Acq: 20 Jan 2023 19:17

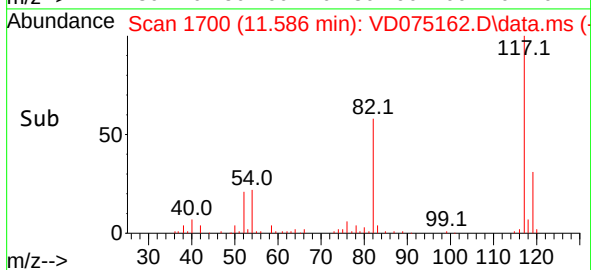
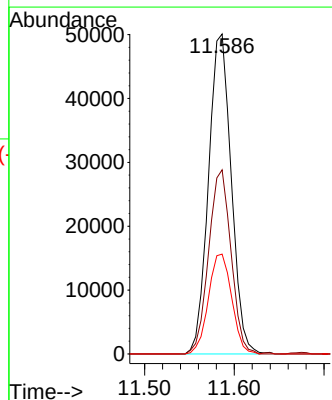
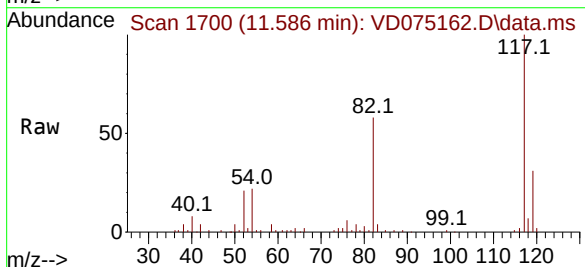
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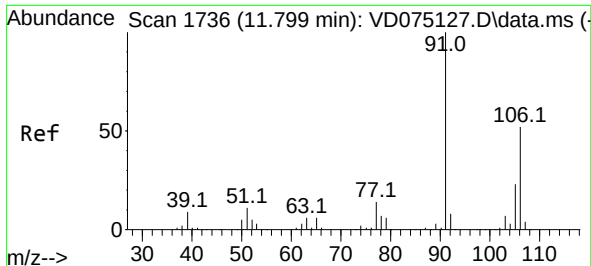
Tgt Ion: 95 Resp: 40344
Ion Ratio Lower Upper
95 100
174 74.5 0.0 161.2
176 71.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075162.D
Acq: 20 Jan 2023 19:17

Tgt Ion: 117 Resp: 88309
Ion Ratio Lower Upper
117 100
82 57.6 39.6 59.4
119 31.2 24.6 37.0

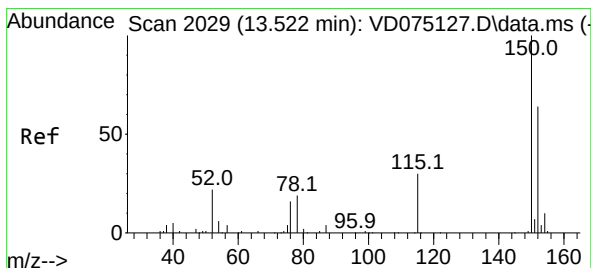
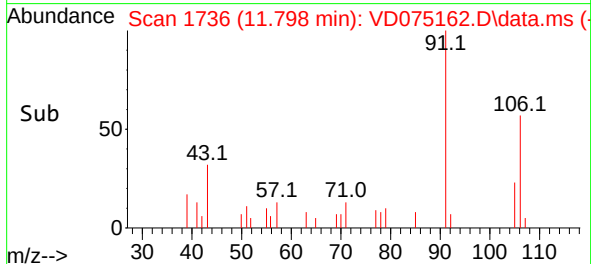
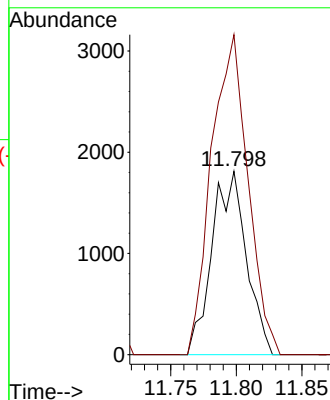
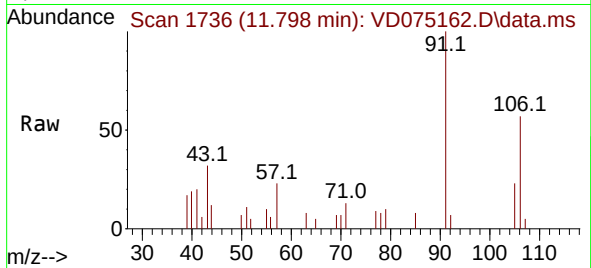




#68
m/p-Xylenes
Concen: 2.619 ug/l
RT: 11.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075162.D
Acq: 20 Jan 2023 19:17

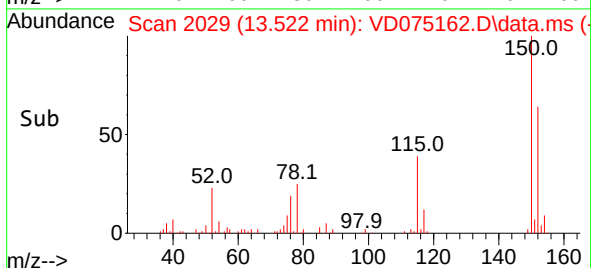
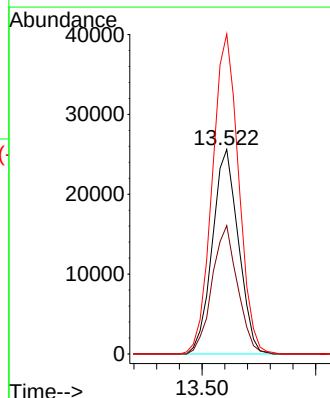
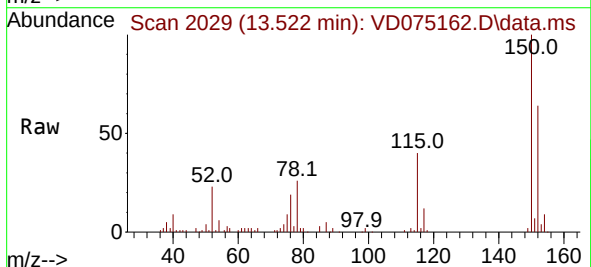
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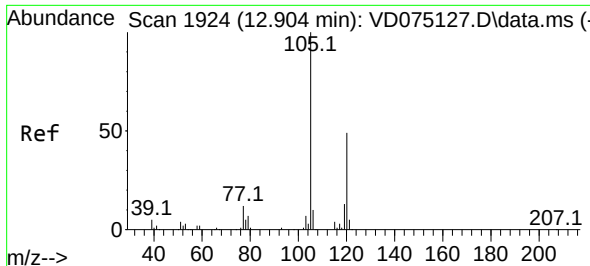
Tgt Ion:106 Resp: 3296
Ion Ratio Lower Upper
106 100
91 185.5 160.3 240.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075162.D
Acq: 20 Jan 2023 19:17

Tgt Ion:152 Resp: 40736
Ion Ratio Lower Upper
152 100
115 61.5 28.8 86.4
150 158.3 0.0 348.6

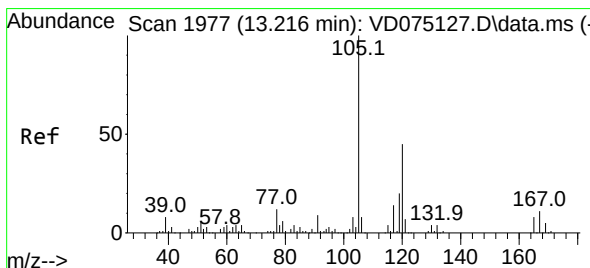
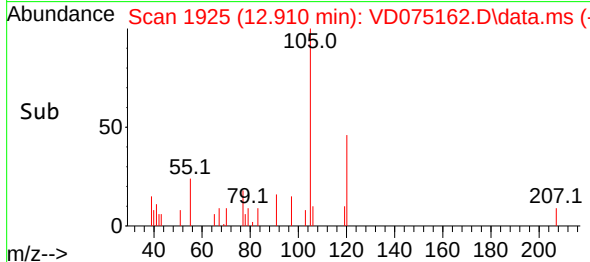
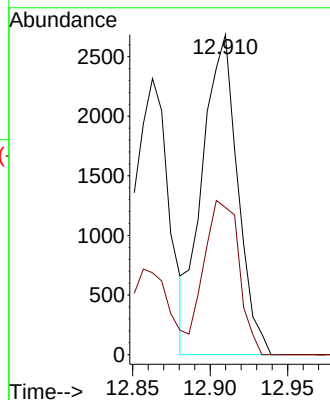
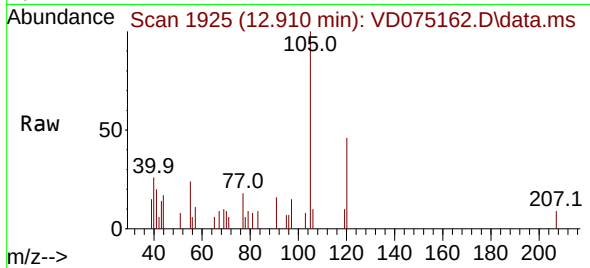




#80
1,3,5-Trimethylbenzene
Concen: 1.621 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.005 min
Lab File: VD075162.D
Acq: 20 Jan 2023 19:17

Instrument :
MSVOA_D
ClientSampleId :
B-P38B

Tgt Ion:105 Resp: 4273
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.8



#84
1,2,4-Trimethylbenzene
Concen: 4.653 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075162.D
Acq: 20 Jan 2023 19:17

Tgt Ion:105 Resp: 12047
Ion Ratio Lower Upper
105 100
120 45.1 23.2 69.5

