

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079295.D
 Acq On : 01 Jul 2024 14:51
 Operator : RP/MD
 Sample : P3127-07RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-770-772RE

Quant Time: Jul 01 15:37:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

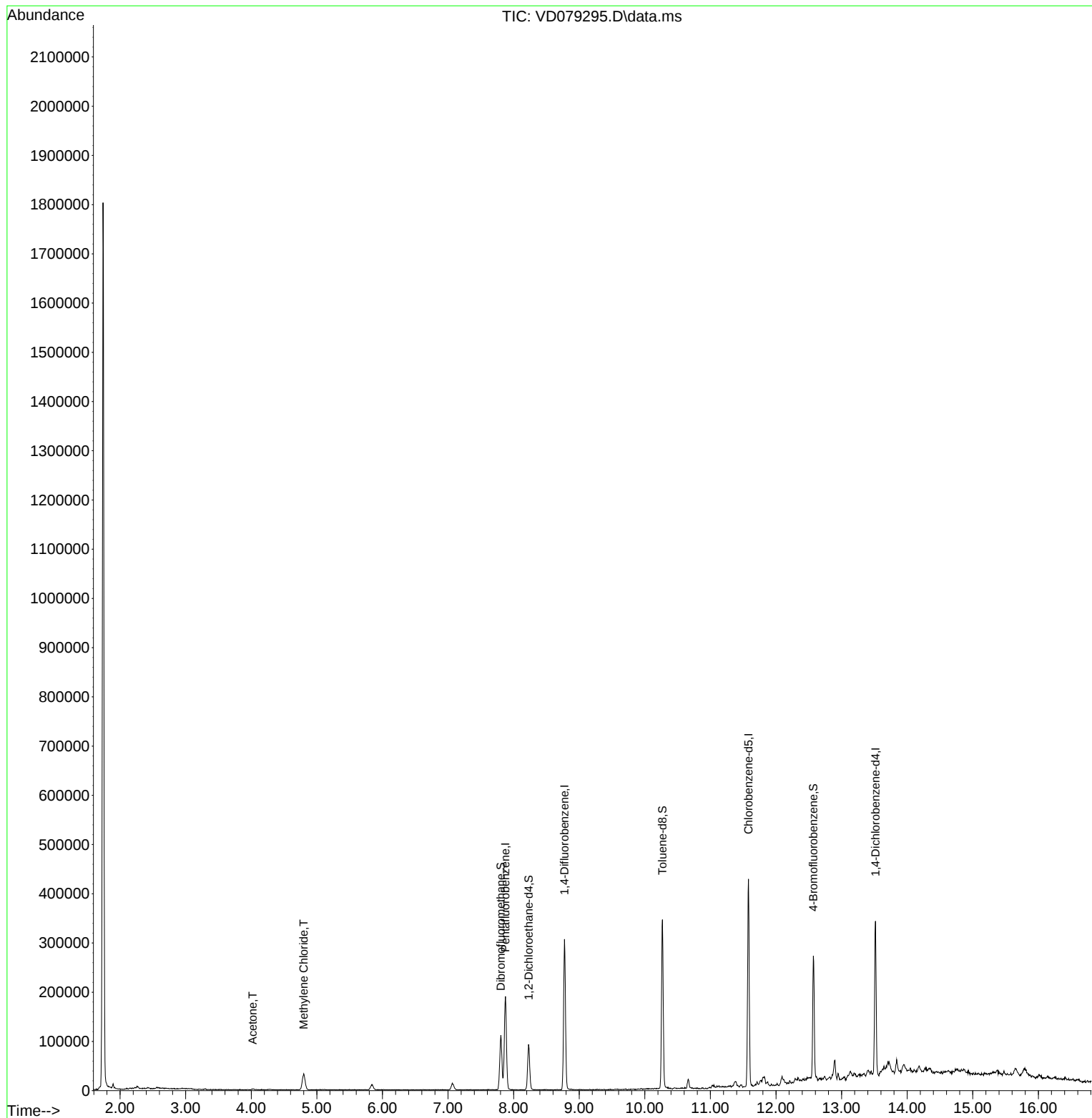
Internal Standards						
1) Pentafluorobenzene	7.875	168	133658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	262465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	242638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69362	53.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.680%
35) Dibromofluoromethane	7.805	113	80896	46.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.920%
50) Toluene-d8	10.269	98	242412	39.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.220%
62) 4-Bromofluorobenzene	12.569	95	80840	40.676	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.360%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	3322	10.472	ug/l	# 75
20) Methylene Chloride	4.799	84	25350	6.823	ug/l	89

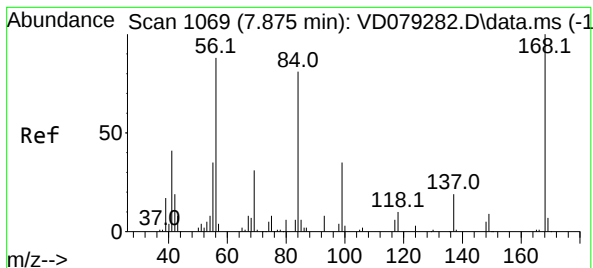
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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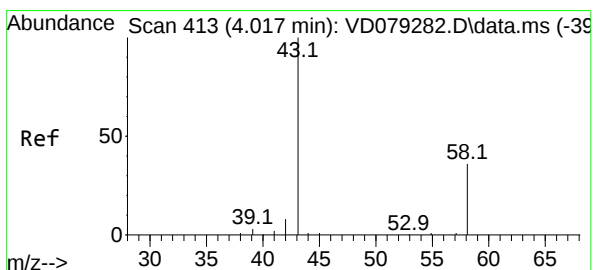
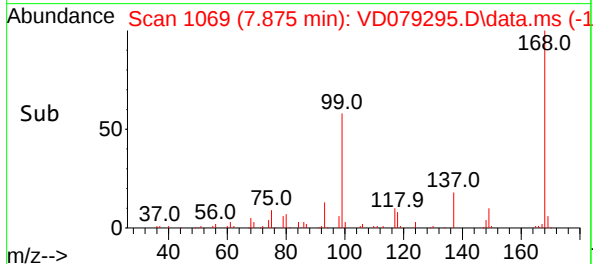
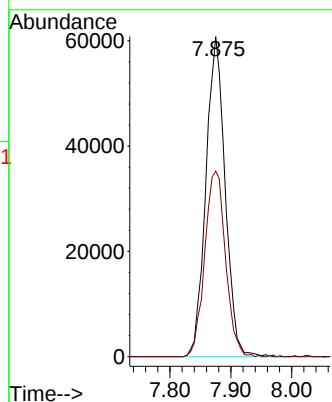
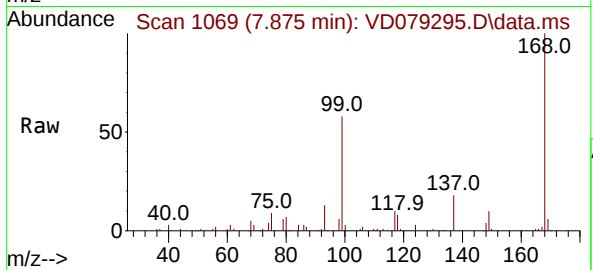




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079295.D
Acq: 01 Jul 2024 14:51

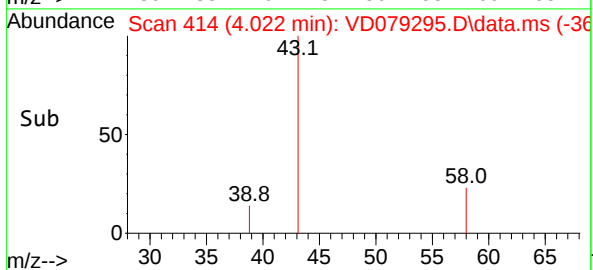
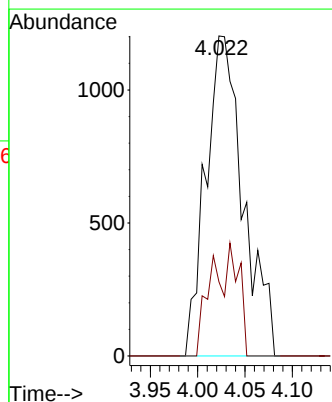
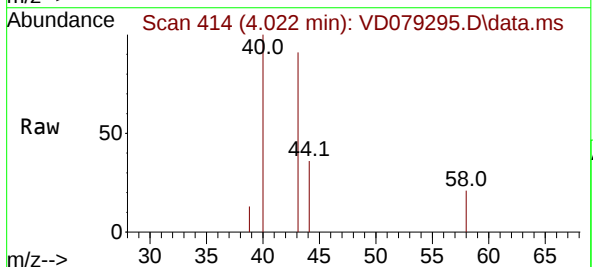
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772RE

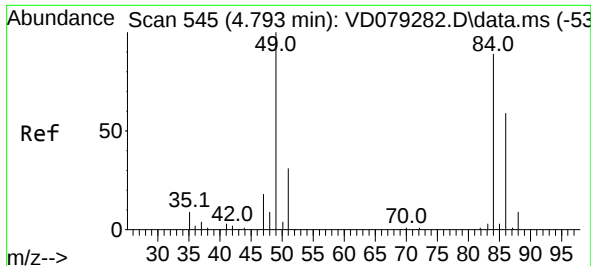
Tgt Ion:168 Resp: 133658
Ion Ratio Lower Upper
168 100
99 58.0 41.1 61.7



#16
Acetone
Concen: 10.472 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079295.D
Acq: 01 Jul 2024 14:51

Tgt Ion: 43 Resp: 3322
Ion Ratio Lower Upper
43 100
58 23.2 30.4 45.6#

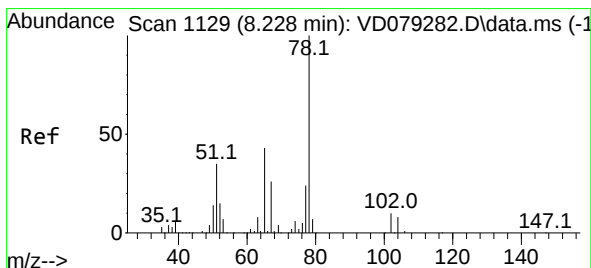
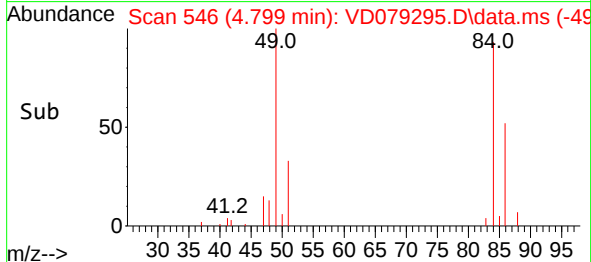
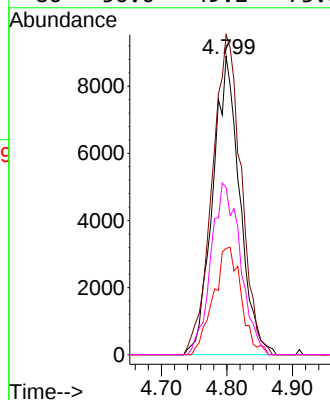
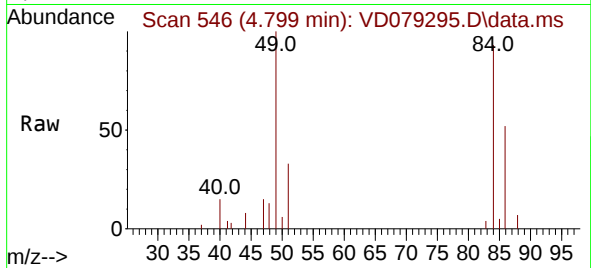




#20
Methylene Chloride
Concen: 6.823 ug/l
RT: 4.799 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD079295.D
Acq: 01 Jul 2024 14:51

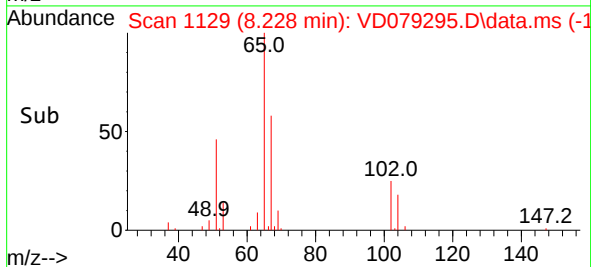
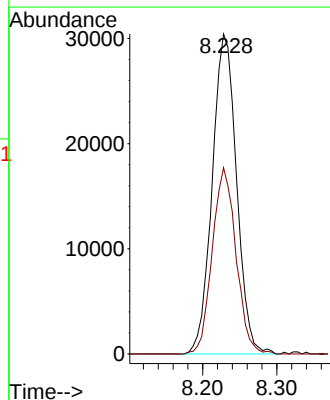
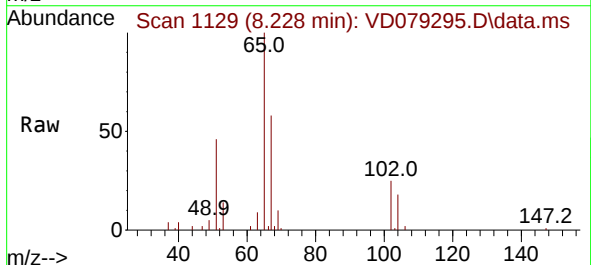
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772RE

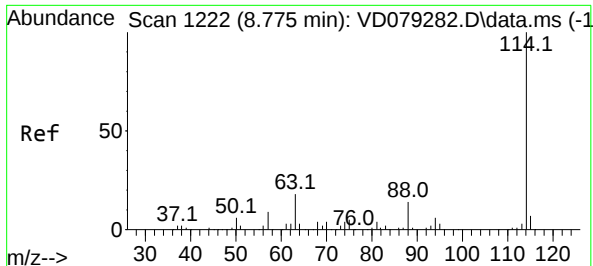
Tgt Ion: 84	Resp: 25350
Ion Ratio	Lower Upper
84 100	
49 107.2	75.6 113.4
51 35.6	24.2 36.2
86 56.0	49.2 73.8



#33
1,2-Dichloroethane-d4
Concen: 53.340 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079295.D
Acq: 01 Jul 2024 14:51

Tgt Ion: 65	Resp: 69362
Ion Ratio	Lower Upper
65 100	
67 56.8	0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079295.D

Acq: 01 Jul 2024 14:51

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-GW-770-772RE

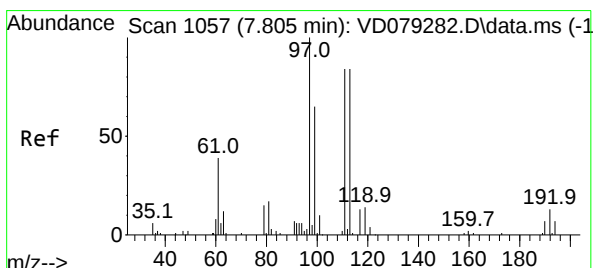
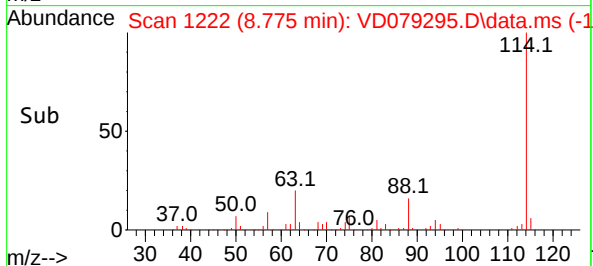
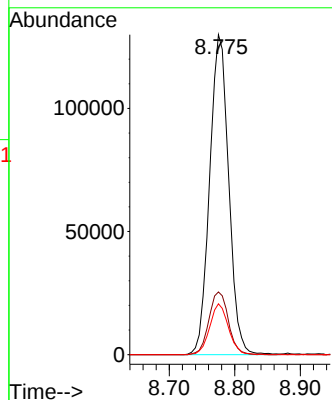
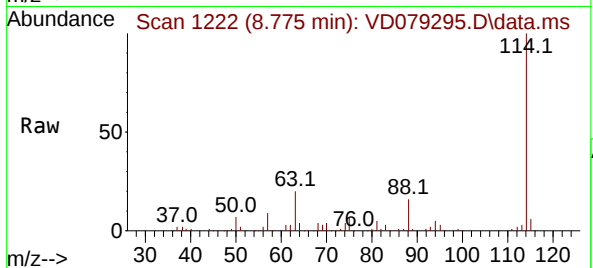
Tgt Ion:114 Resp: 262465

Ion Ratio Lower Upper

114 100

63 19.6 0.0 34.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.956 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079295.D

Acq: 01 Jul 2024 14:51

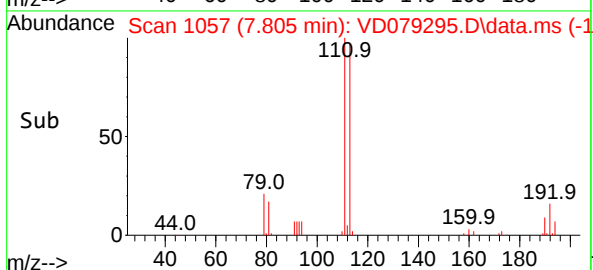
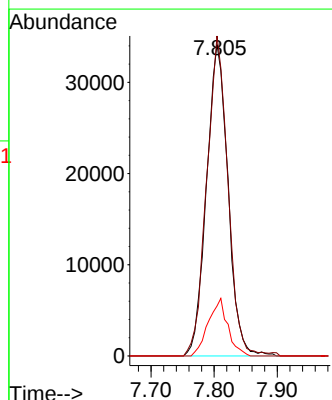
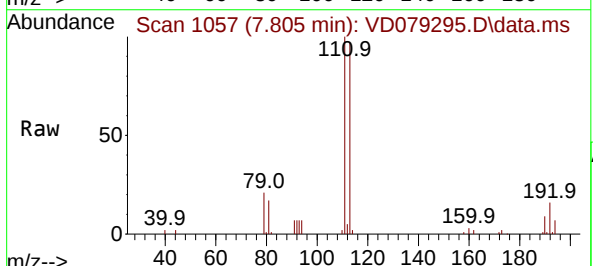
Tgt Ion:113 Resp: 80896

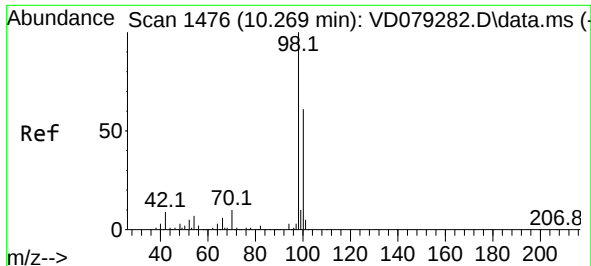
Ion Ratio Lower Upper

113 100

111 101.5 84.0 126.0

192 16.8 15.4 23.0

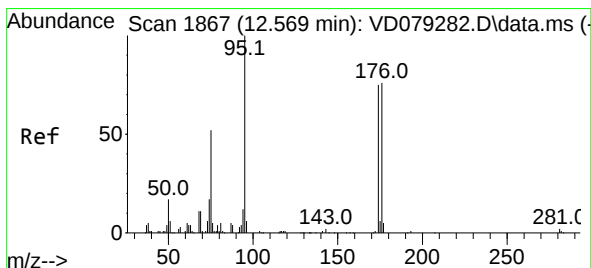
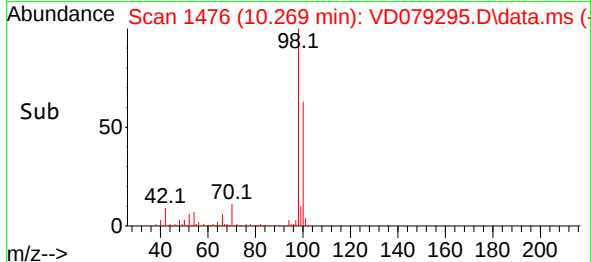
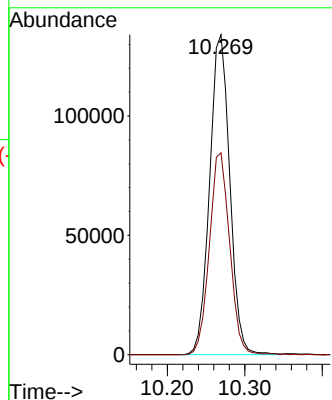
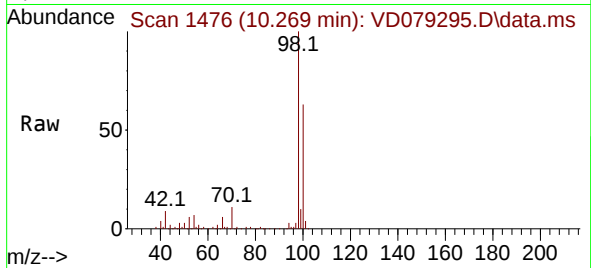




#50
Toluene-d8
Concen: 39.112 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079295.D
Acq: 01 Jul 2024 14:51

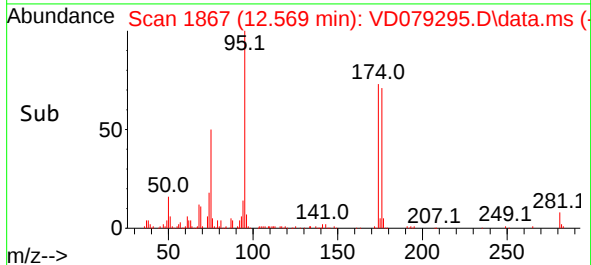
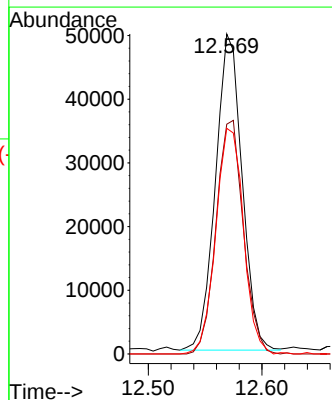
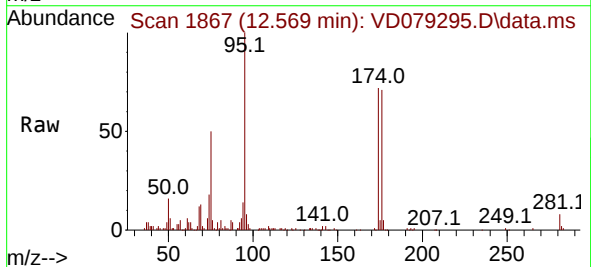
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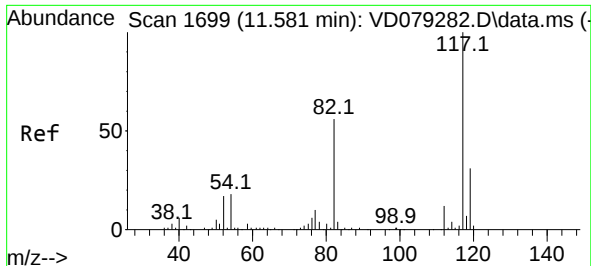
Tgt Ion: 98 Resp: 242412
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.676 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079295.D
Acq: 01 Jul 2024 14:51

Tgt Ion: 95 Resp: 80840
Ion Ratio Lower Upper
95 100
174 75.9 0.0 195.4
176 74.2 0.0 192.6

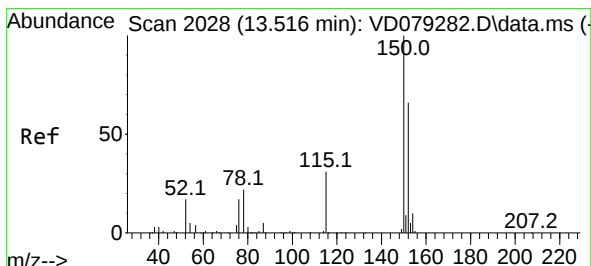
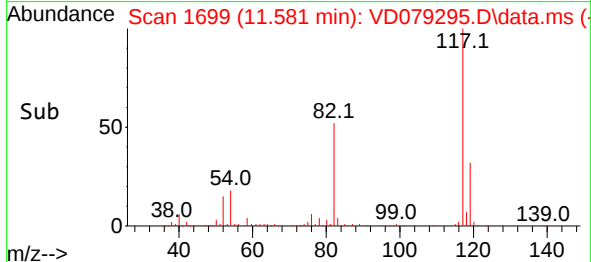
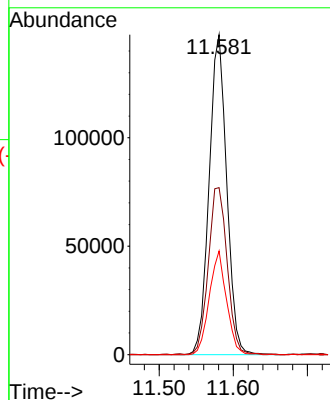
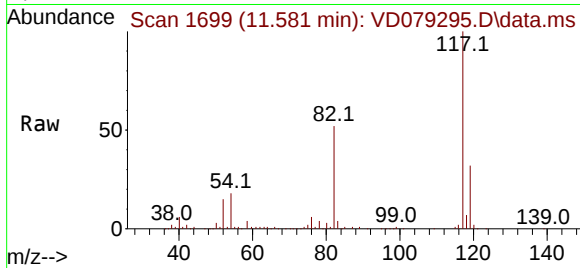




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079295.D
Acq: 01 Jul 2024 14:51

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772RE

Tgt Ion:	117	Resp:	242638
Ion	Ratio	Lower	Upper
117	100		
82	52.2	39.8	59.6
119	32.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079295.D
Acq: 01 Jul 2024 14:51

Tgt Ion:	152	Resp:	82447
Ion	Ratio	Lower	Upper
152	100		
115	64.1	26.5	79.5
150	156.0	0.0	341.6

