

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079363.D
 Acq On : 09 Jul 2024 16:02
 Operator : RP/MD
 Sample : P3167-14RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-820-822RE

Quant Time: Jul 09 16:54:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

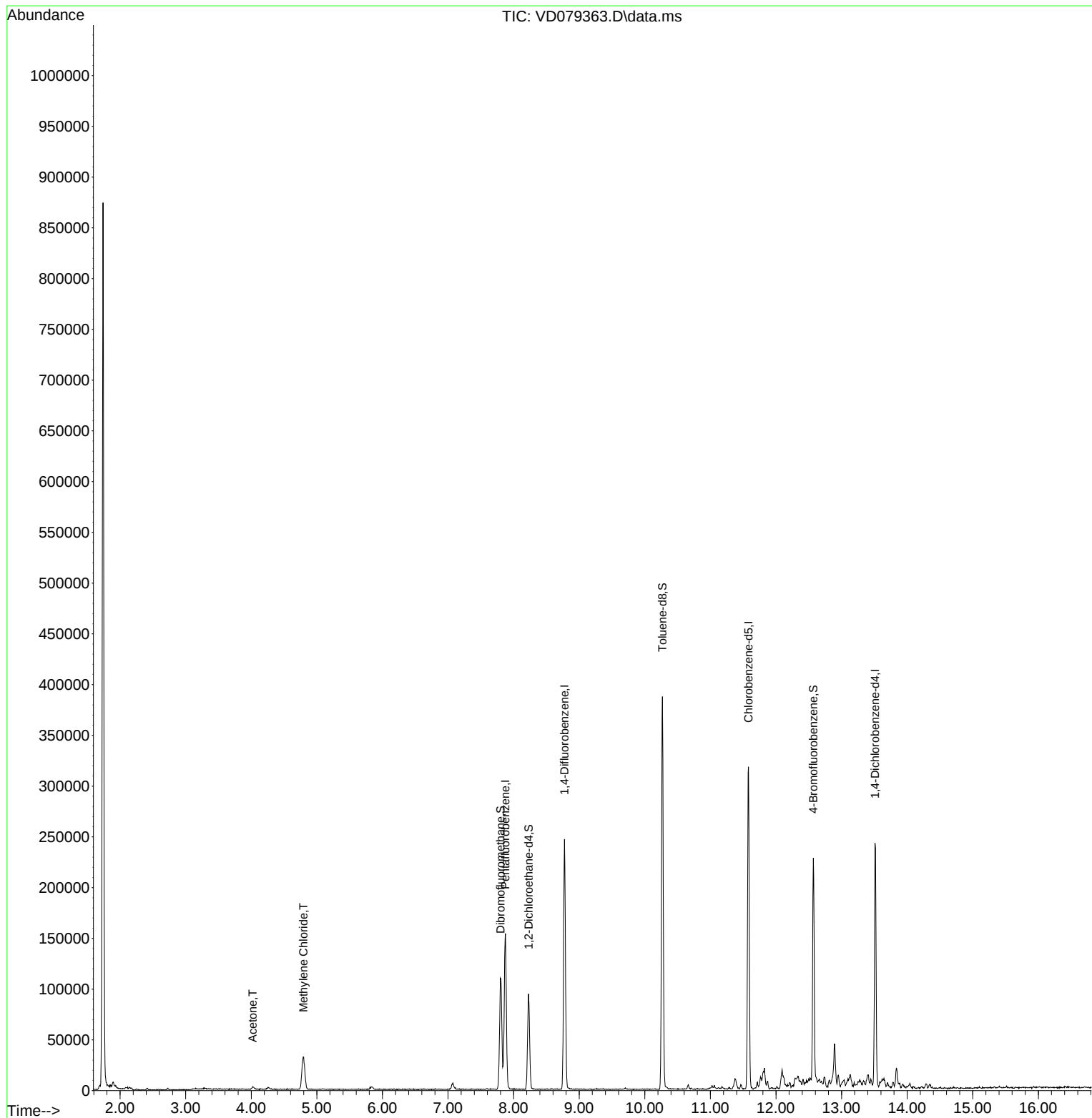
Internal Standards						
1) Pentafluorobenzene	7.875	168	112369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	215916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	64578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71950	54.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.660%	
35) Dibromofluoromethane	7.799	113	82004	53.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.680%	
50) Toluene-d8	10.269	98	279744	47.642	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.280%	
62) 4-Bromofluorobenzene	12.569	95	77122	42.258	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	3604	14.310	ug/l	99
20) Methylene Chloride	4.793	84	27633	6.666	ug/l	94

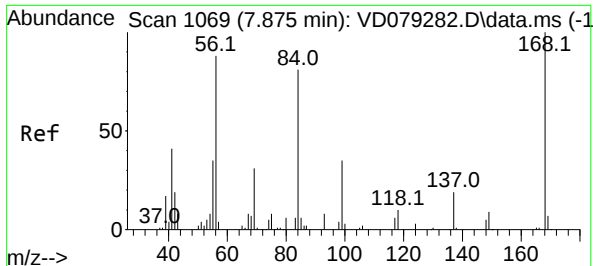
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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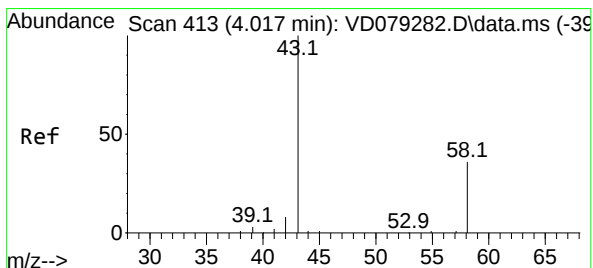
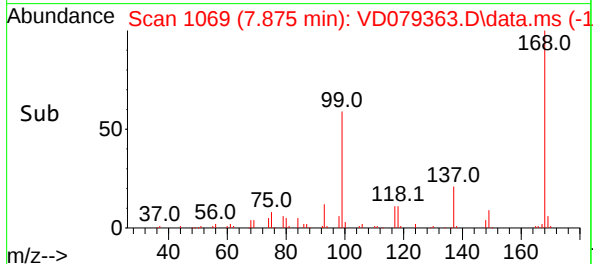
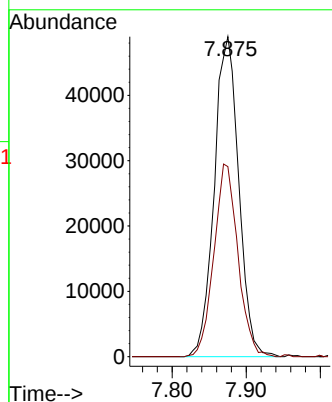
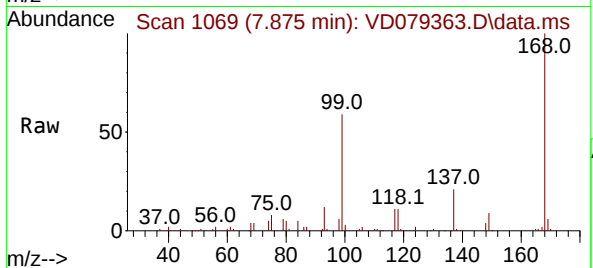




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

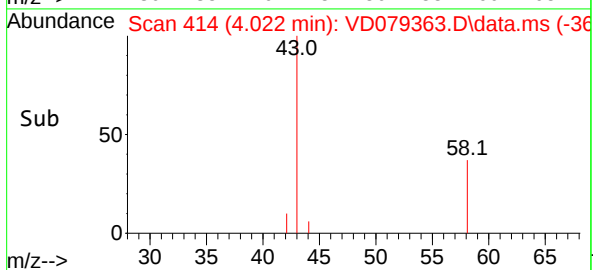
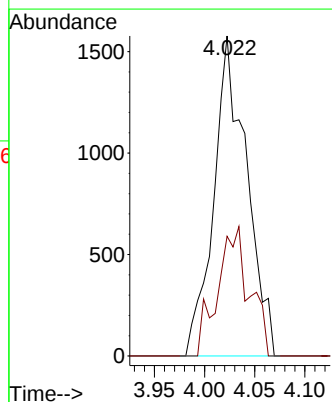
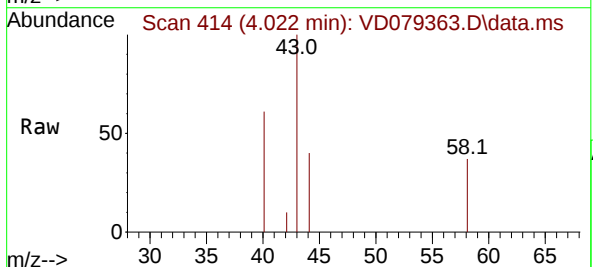
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-820-822RE

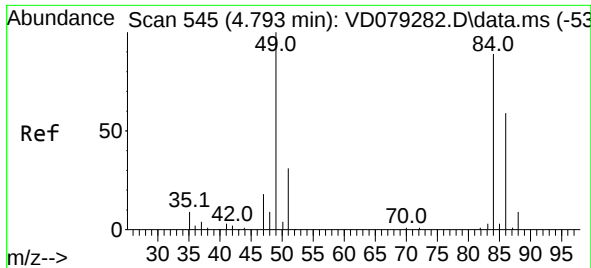
Tgt Ion:168 Resp: 112369
Ion Ratio Lower Upper
168 100
99 59.4 41.1 61.7



#16
Acetone
Concen: 14.310 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion: 43 Resp: 3604
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6

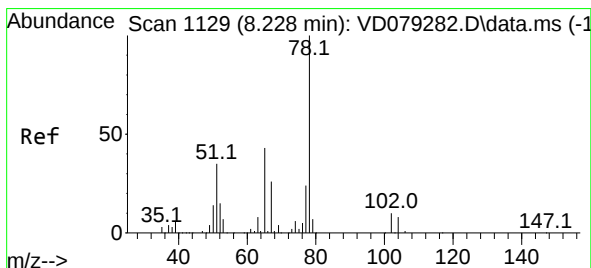
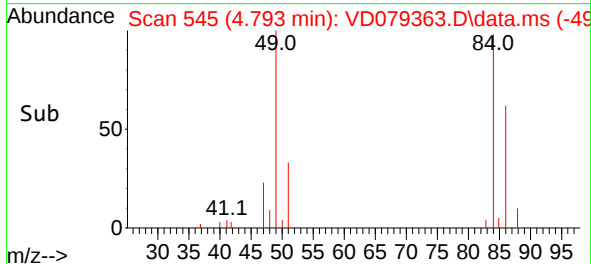
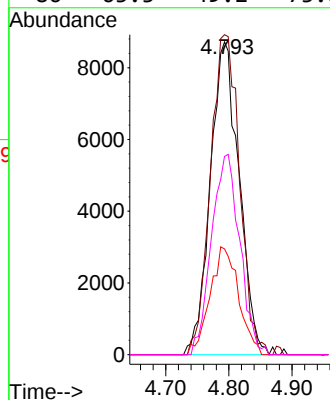
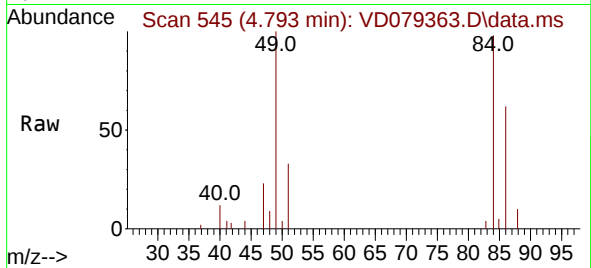




#20
Methylene Chloride
Concen: 6.666 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

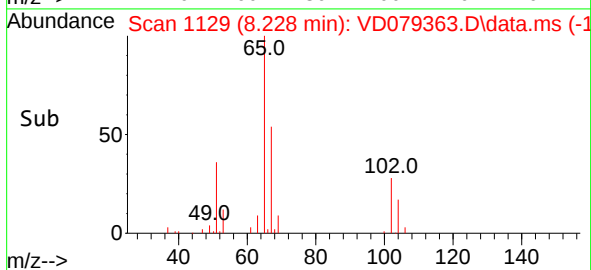
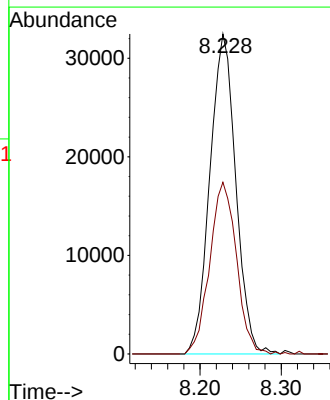
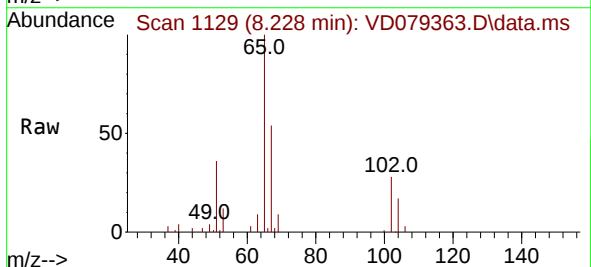
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-820-822RE

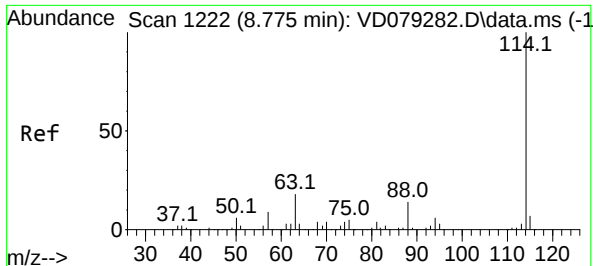
Tgt Ion:	84	Resp:	27633
Ion	Ratio	Lower	Upper
84	100		
49	102.3	75.6	113.4
51	33.8	24.2	36.2
86	63.3	49.2	73.8



#33
1,2-Dichloroethane-d4
Concen: 54.335 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion:	65	Resp:	71950
Ion	Ratio	Lower	Upper
65	100		
67	55.4	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: VD079363.D

Acq: 09 Jul 2024 16:02

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-GW-820-822RE

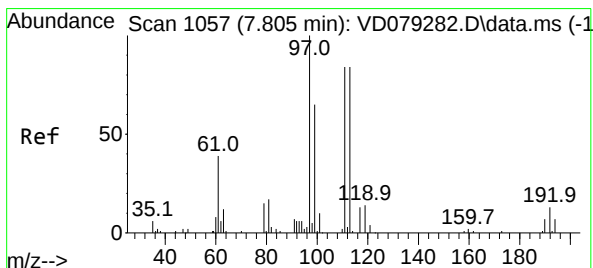
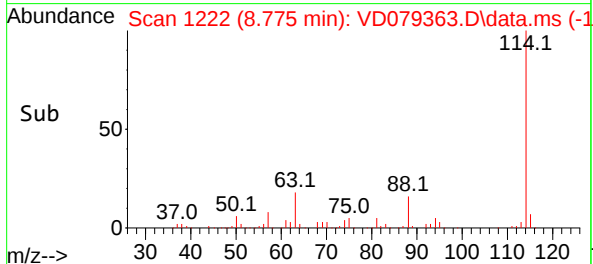
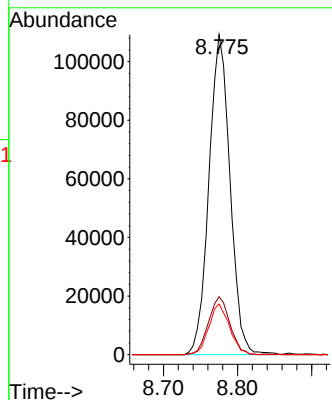
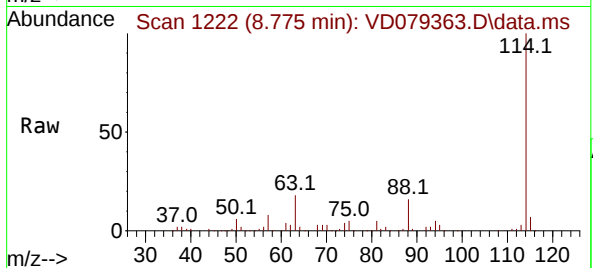
Tgt Ion:114 Resp: 215916

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 15.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.835 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079363.D

Acq: 09 Jul 2024 16:02

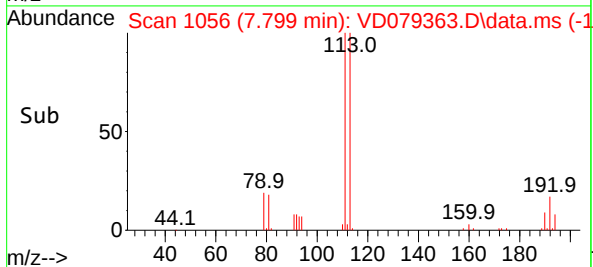
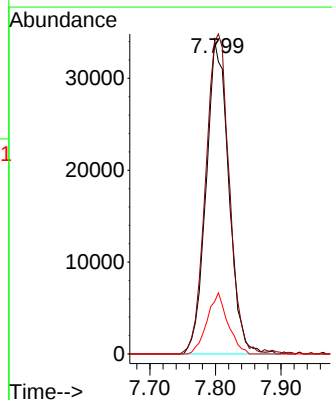
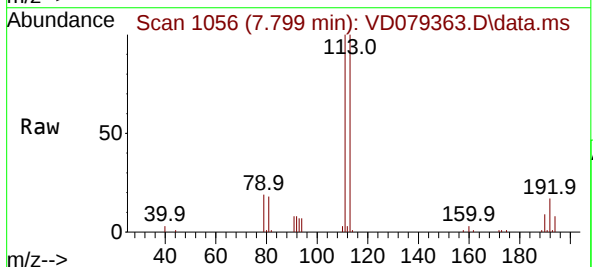
Tgt Ion:113 Resp: 82004

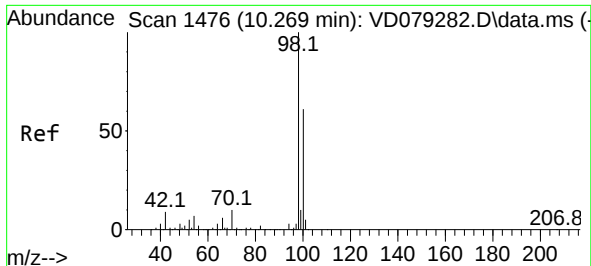
Ion Ratio Lower Upper

113 100

111 105.9 84.0 126.0

192 17.8 15.4 23.0

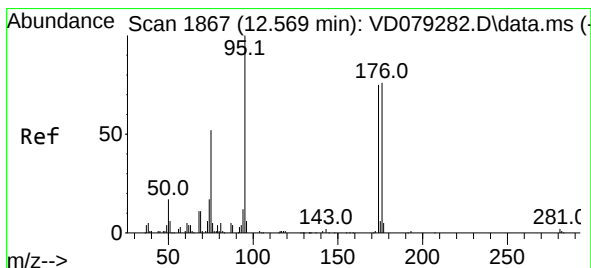
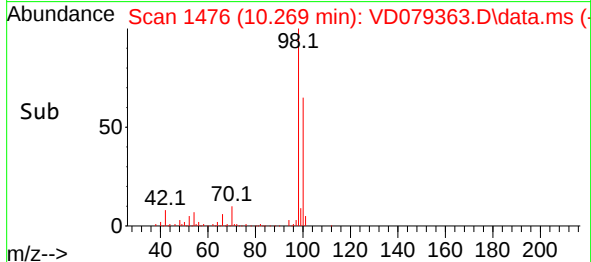
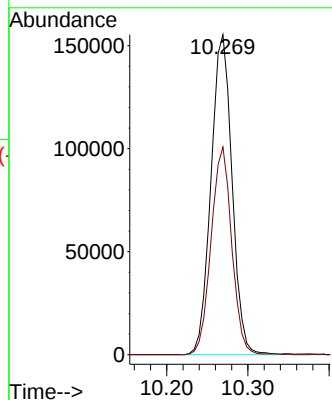
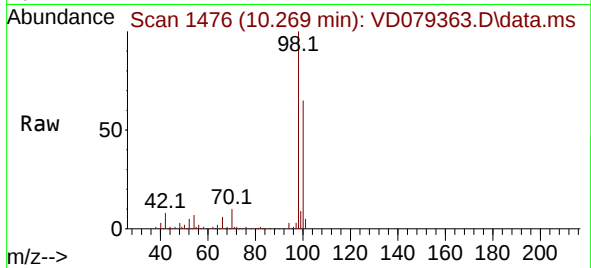




#50
Toluene-d8
Concen: 47.642 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

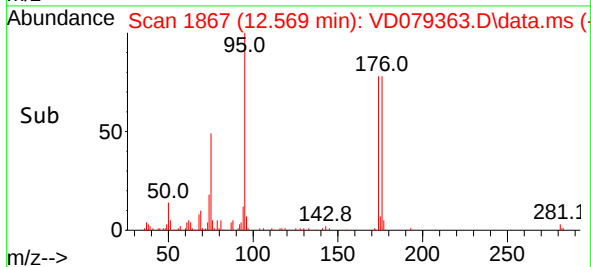
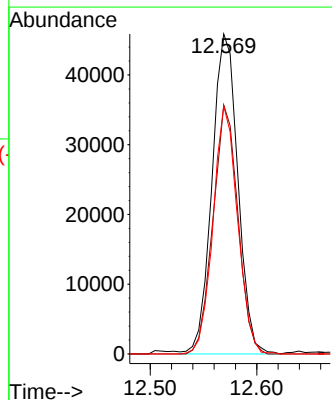
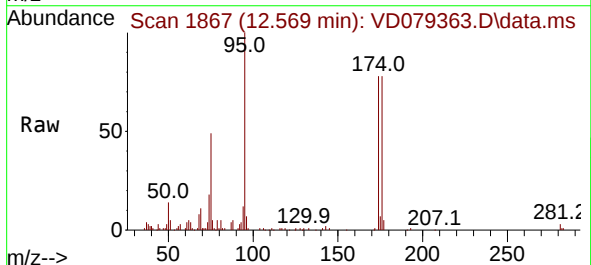
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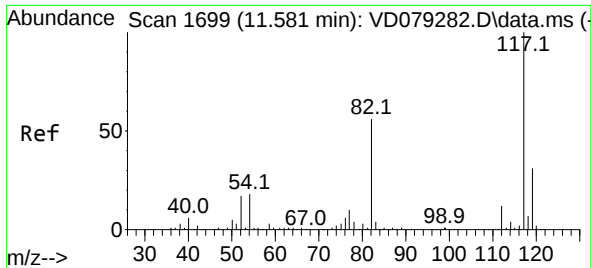
Tgt Ion: 98 Resp: 279744
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.258 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion: 95 Resp: 77122
Ion Ratio Lower Upper
95 100
174 74.8 0.0 195.4
176 73.4 0.0 192.6

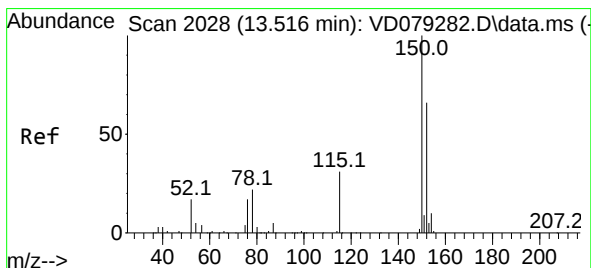
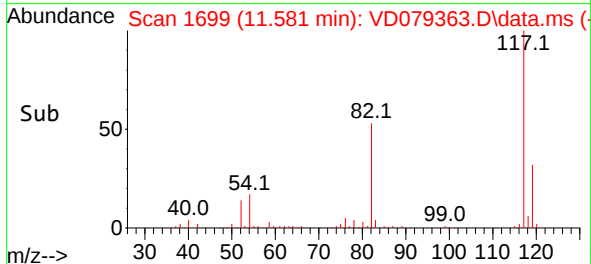
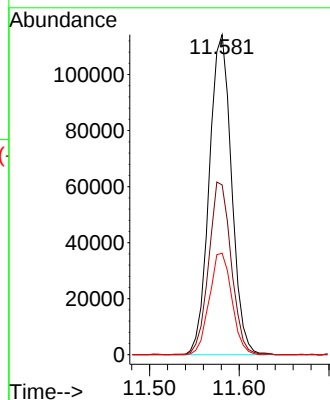
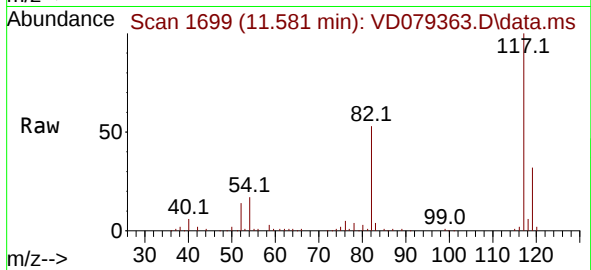




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-820-822RE

Tgt Ion:117 Resp: 197455
Ion Ratio Lower Upper
117 100
82 53.0 39.8 59.6
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD079363.D
Acq: 09 Jul 2024 16:02

Tgt Ion:152 Resp: 64578
Ion Ratio Lower Upper
152 100
115 60.6 26.5 79.5
150 160.1 0.0 341.6

