

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079803.D
 Acq On : 06 Sep 2024 17:23
 Operator : RP/MD
 Sample : P3857-12
 Misc : 5.66G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-D2-GRAB

Quant Time: Sep 07 00:00:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

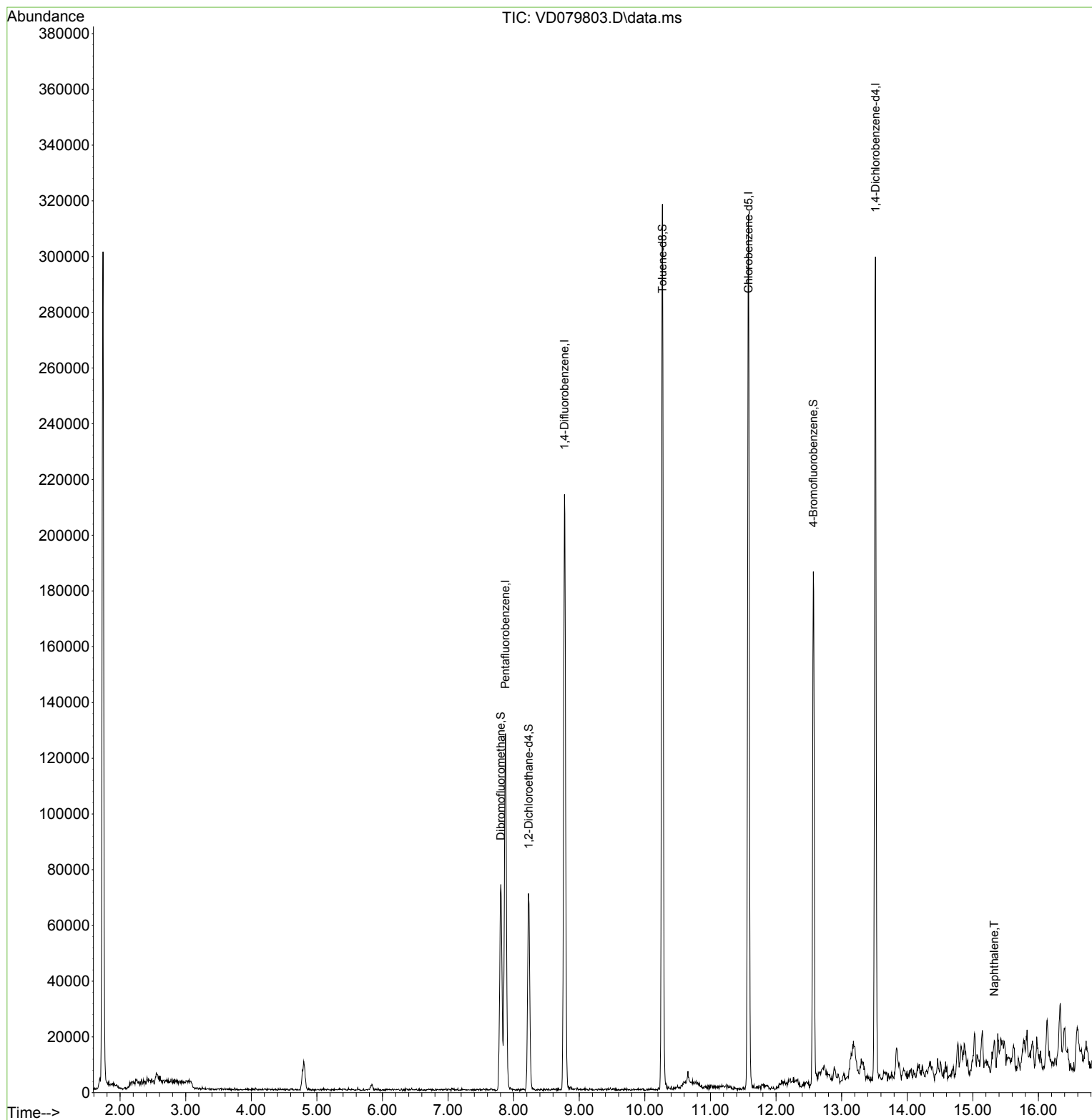
Internal Standards						
1) Pentafluorobenzene	7.875	168	86496	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	186518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53921	45.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.440%
35) Dibromofluoromethane	7.804	113	53248	43.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.840%
50) Toluene-d8	10.269	98	221825	42.663	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.320%
62) 4-Bromofluorobenzene	12.569	95	58345	40.104	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.200%
Target Compounds						
					Qvalue	
95) Naphthalene	15.328	128	9355	3.871	ug/l	# 85

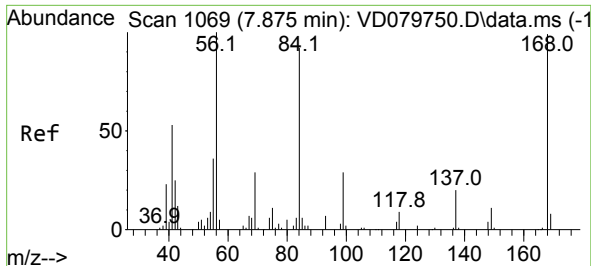
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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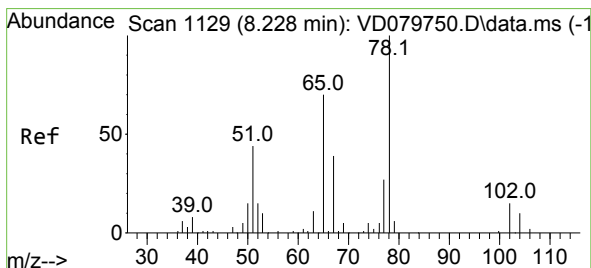
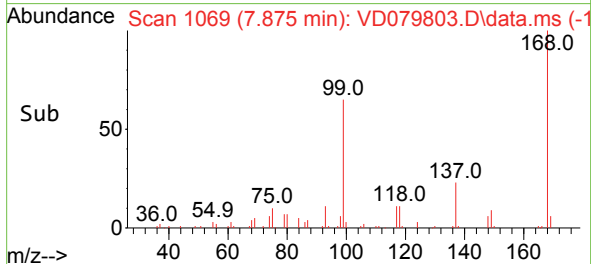
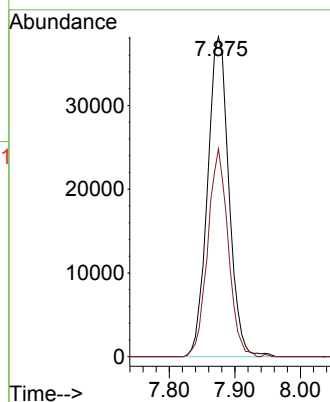
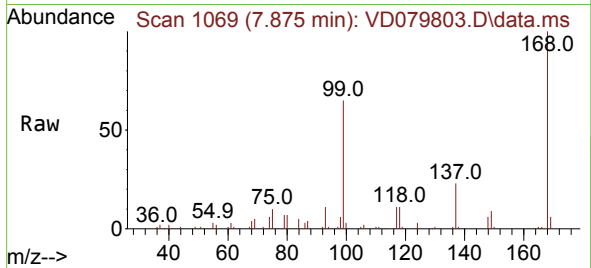




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

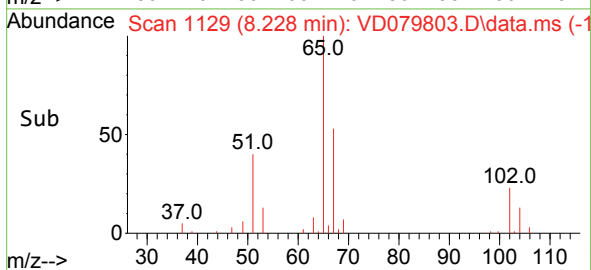
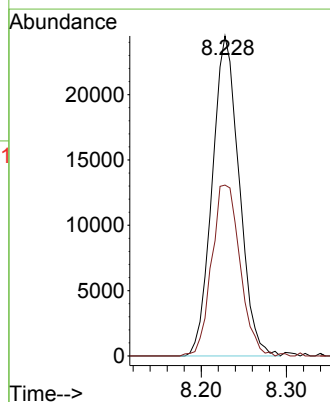
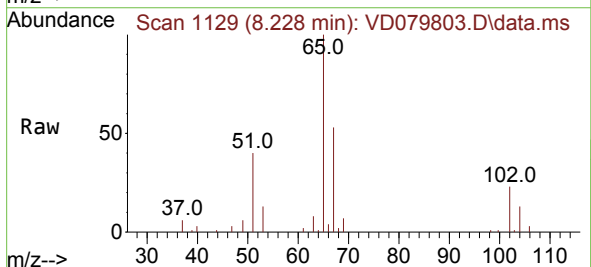
Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

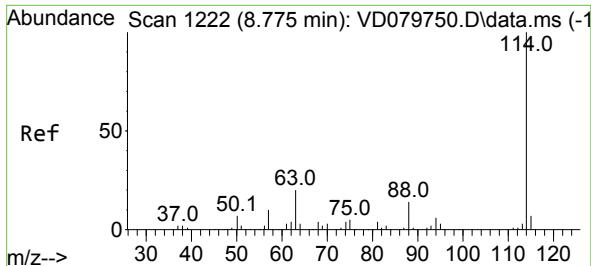
Tgt Ion:168 Resp: 86496
Ion Ratio Lower Upper
168 100
99 64.9 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 45.721 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion: 65 Resp: 53921
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.0

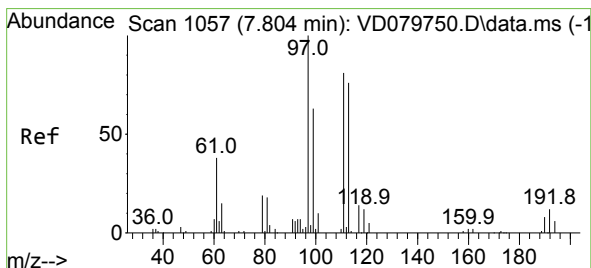
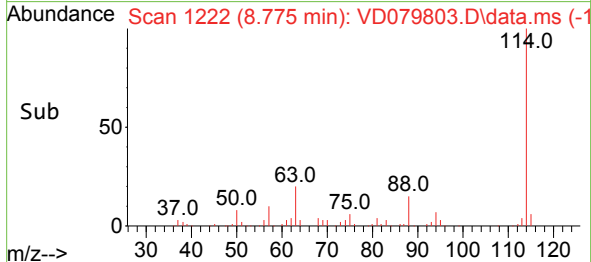
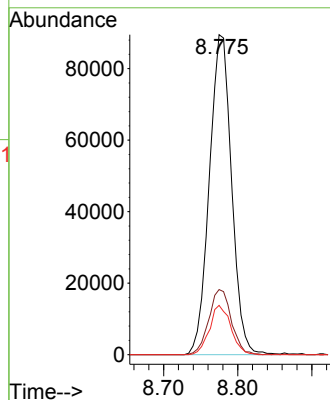
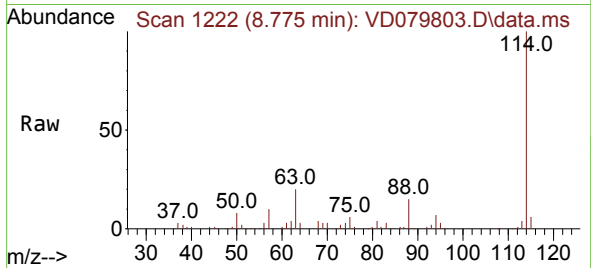




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

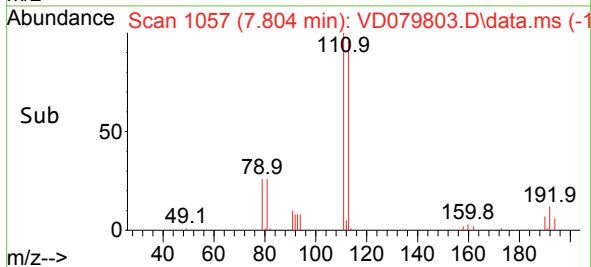
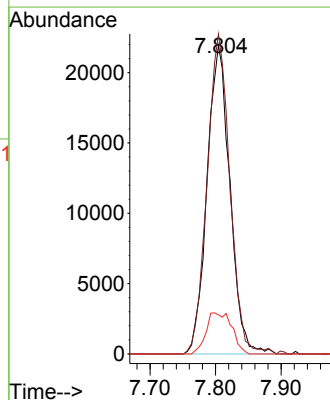
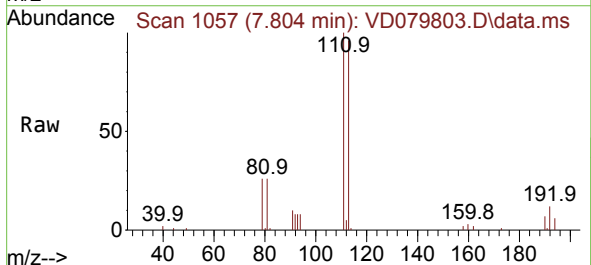
Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

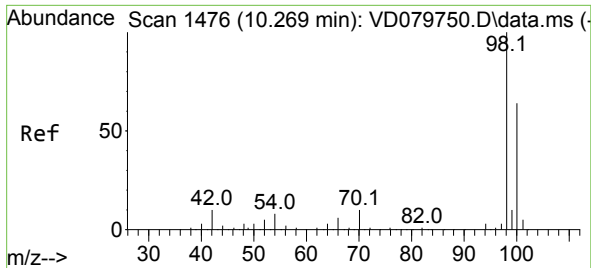
Tgt Ion:114 Resp: 186518
Ion Ratio Lower Upper
114 100
63 20.3 0.0 34.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 43.921 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion:113 Resp: 53248
Ion Ratio Lower Upper
113 100
111 103.1 84.0 126.0
192 15.0 15.4 23.0#

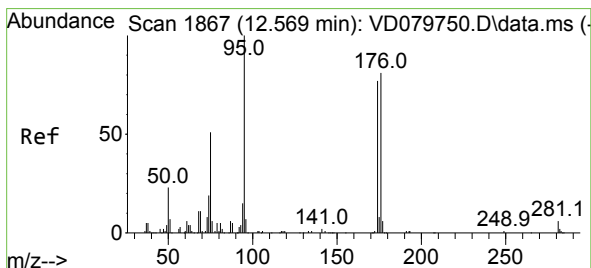
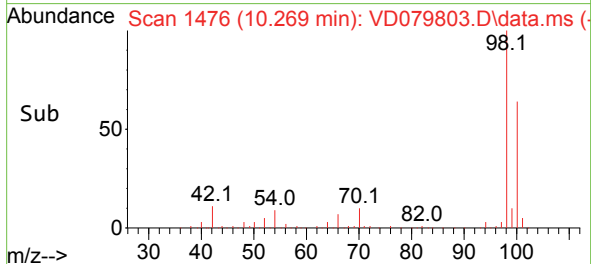
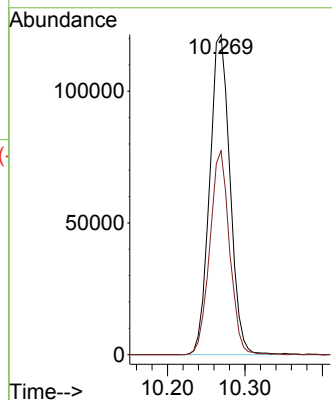
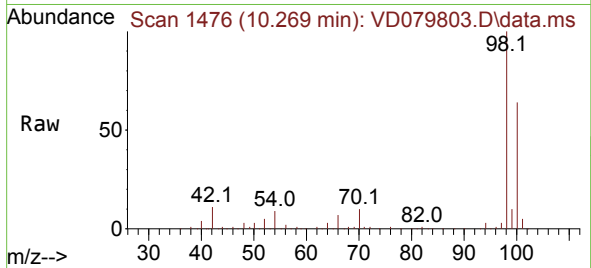




#50
Toluene-d8
Concen: 42.663 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

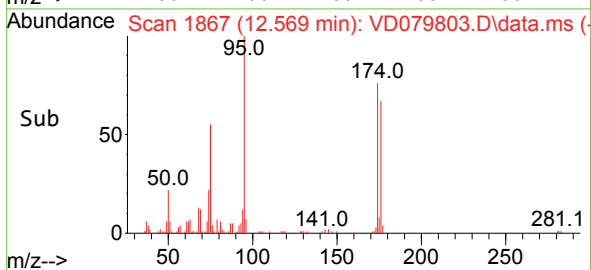
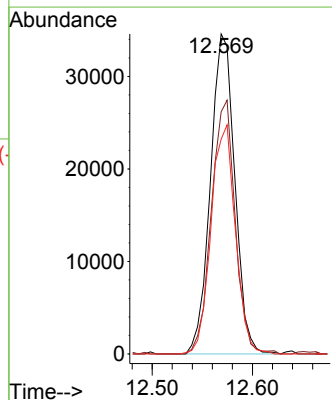
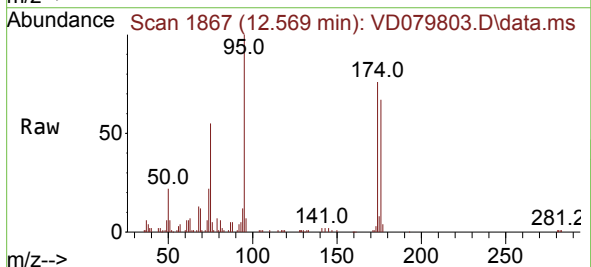
Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

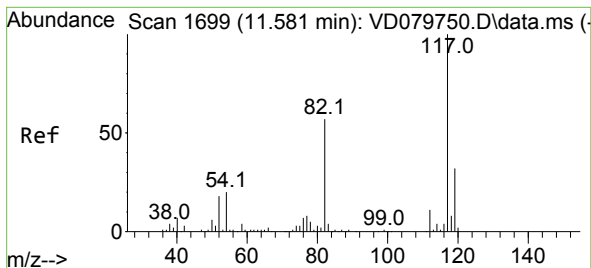
Tgt Ion: 98 Resp: 221825
Ion Ratio Lower Upper
98 100
100 61.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.104 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion: 95 Resp: 58345
Ion Ratio Lower Upper
95 100
174 77.6 0.0 195.4
176 71.6 0.0 192.6

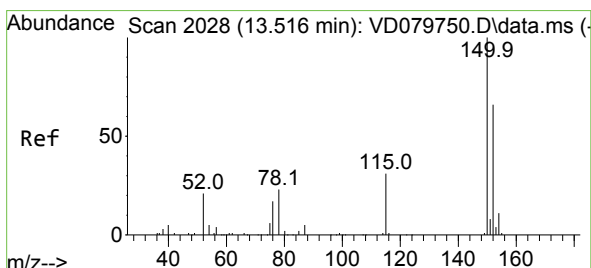
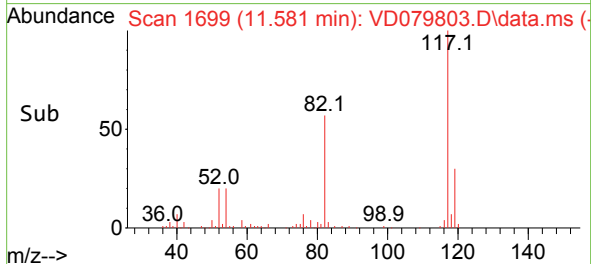
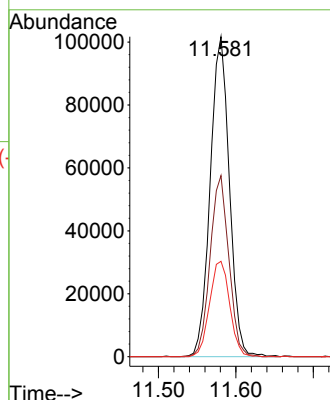
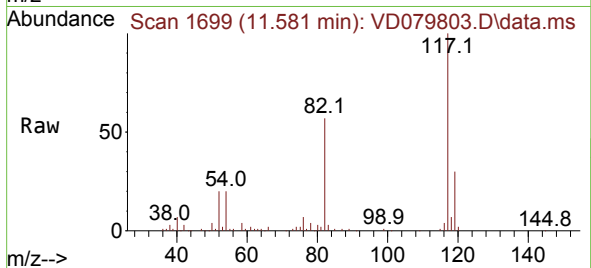




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

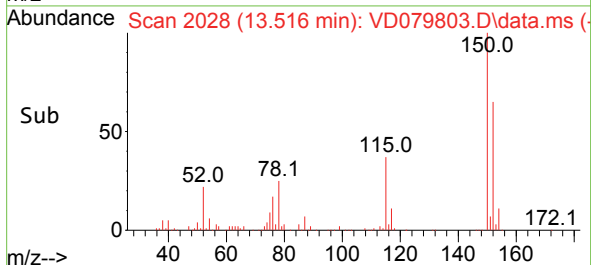
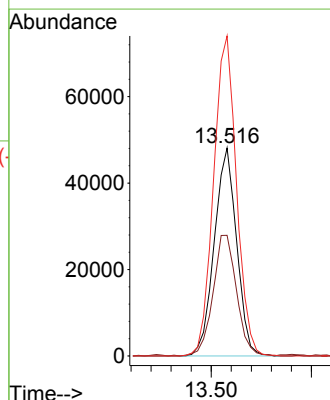
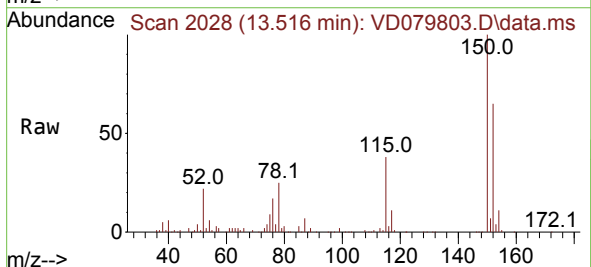
Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

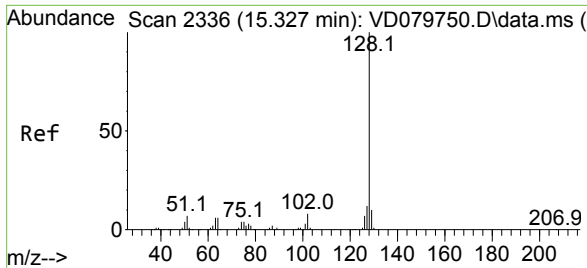
Tgt Ion:117 Resp: 174745
Ion Ratio Lower Upper
117 100
82 56.6 39.8 59.6
119 29.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

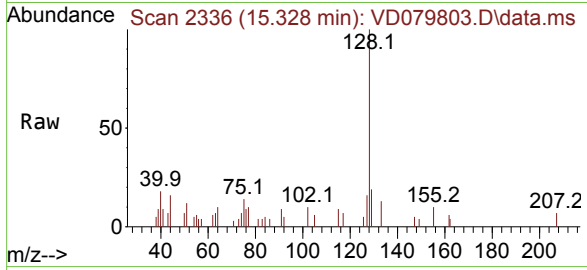
Tgt Ion:152 Resp: 74462
Ion Ratio Lower Upper
152 100
115 61.2 26.5 79.5
150 157.4 0.0 341.6





#95
Naphthalene
Concen: 3.871 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Instrument :
MSVOA_D
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Tgt Ion:128 Resp: 9355
Ion Ratio Lower Upper
128 100
127 16.1 10.2 15.4#
129 19.4 8.5 12.7#

