

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079319.D
 Acq On : 02 Jul 2024 15:20
 Operator : RP/MD
 Sample : P3141-03RE
 Misc : 6.62G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-140-SB02RE

Quant Time: Jul 03 01:23:12 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)

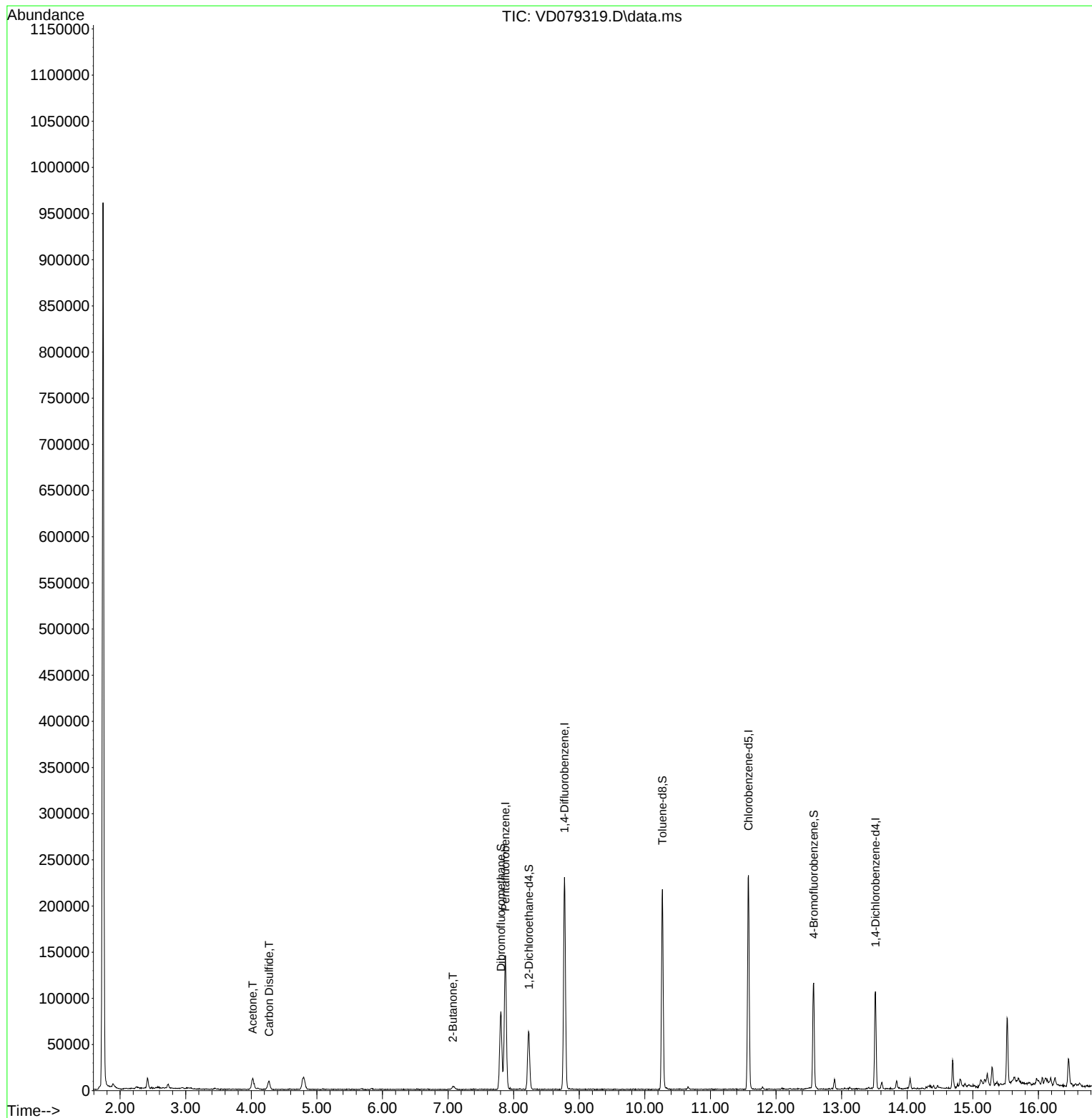
Internal Standards						
1) Pentafluorobenzene	7.875	168	99400	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	200559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	136106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	27449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48918	50.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.700%	
35) Dibromofluoromethane	7.810	113	61530	46.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.480%	
50) Toluene-d8	10.269	98	153681	32.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 64.900%	
62) 4-Bromofluorobenzene	12.575	95	30685	20.205	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 40.420%	
Target Compounds						
						Qvalue
16) Acetone	4.022	43	18915	80.177	ug/l	100
17) Carbon Disulfide	4.269	76	17850	3.888	ug/l	97
25) 2-Butanone	7.075	43	5172	15.736	ug/l	90

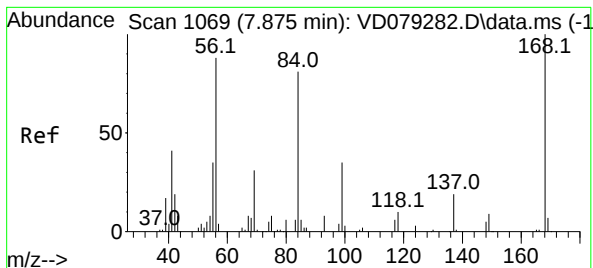
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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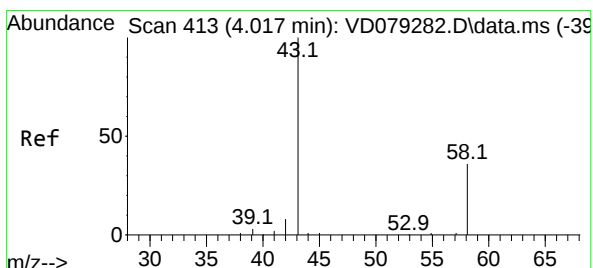
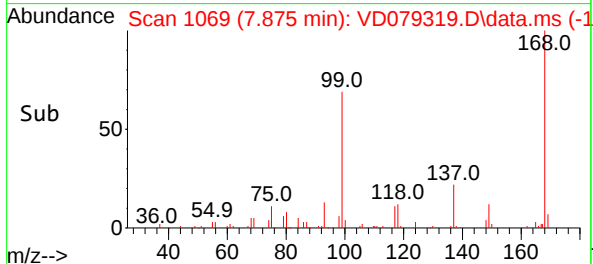
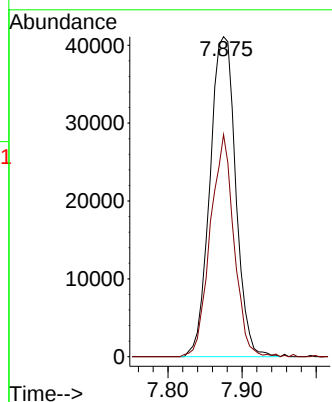
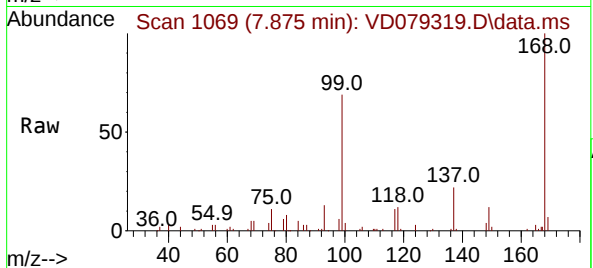




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

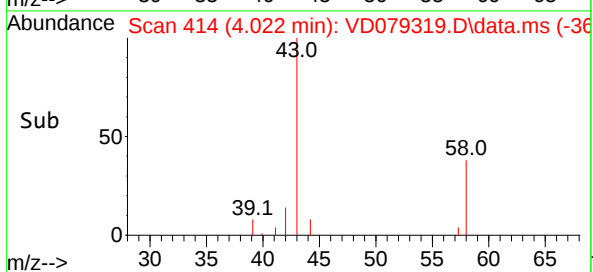
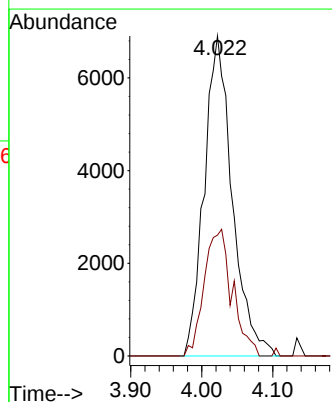
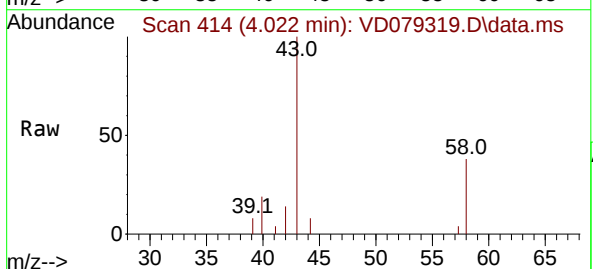
Instrument :
MSVOA_D
ClientSampleId :
B-140-SB02RE

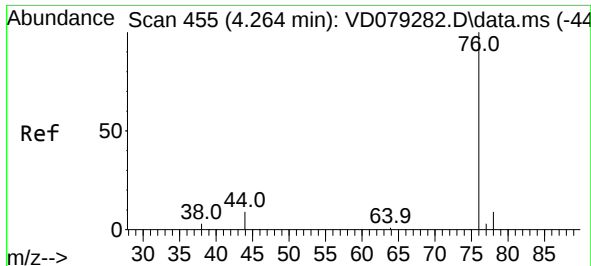
Tgt Ion:168 Resp: 99400
Ion Ratio Lower Upper
168 100
99 69.4 41.1 61.7#



#16
Acetone
Concen: 80.177 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

Tgt Ion: 43 Resp: 18915
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

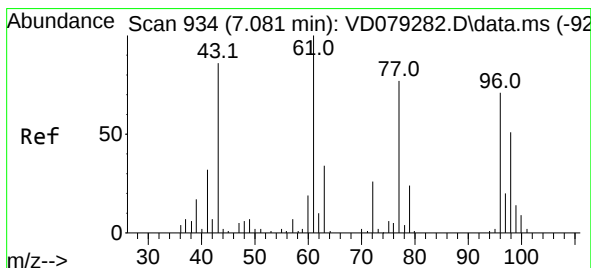
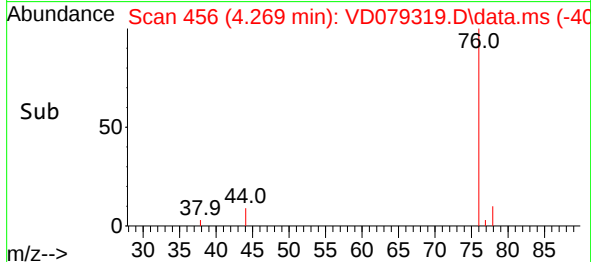
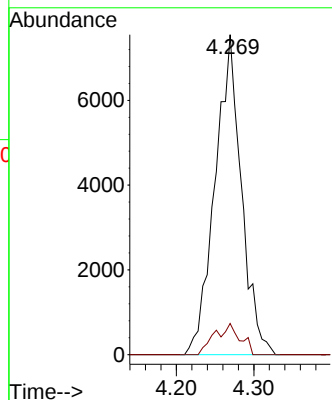
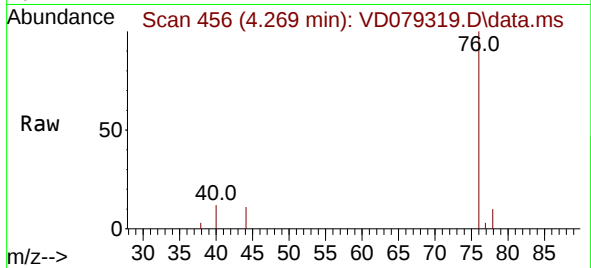




#17
Carbon Disulfide
Concen: 3.888 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

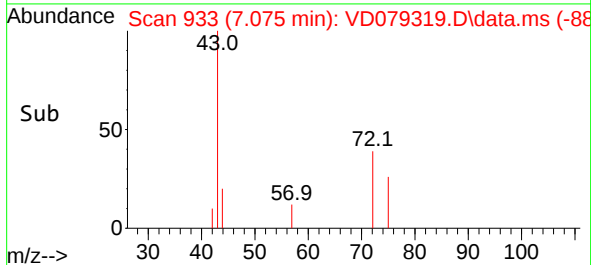
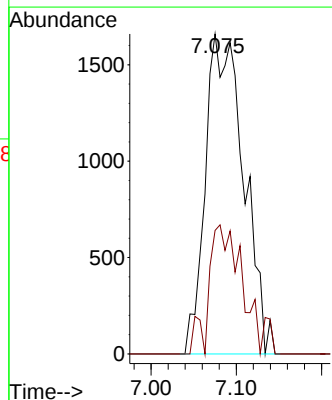
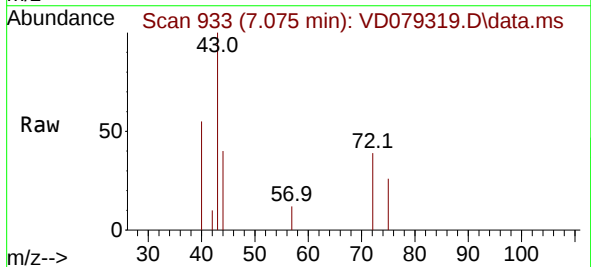
Instrument :
MSVOA_D
ClientSampleId :
B-140-SB02RE

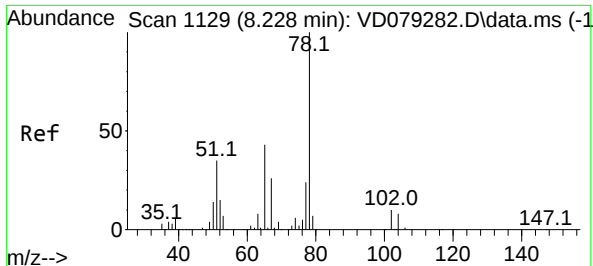
Tgt Ion: 76 Resp: 17850
Ion Ratio Lower Upper
76 100
78 9.7 6.9 10.3



#25
2-Butanone
Concen: 15.736 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

Tgt Ion: 43 Resp: 5172
Ion Ratio Lower Upper
43 100
72 38.6 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 50.353 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079319.D

Acq: 02 Jul 2024 15:20

Instrument :

MSVOA_D

ClientSampleId :

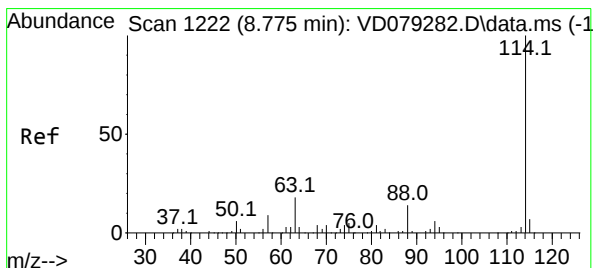
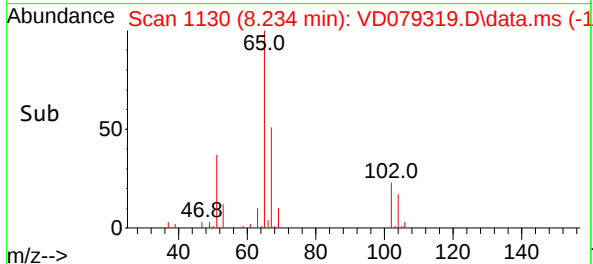
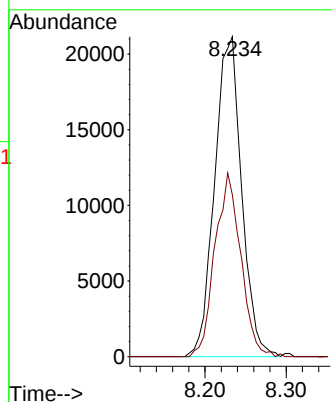
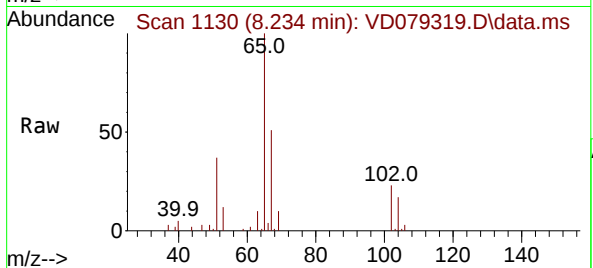
B-140-SB02RE

Tgt Ion: 65 Resp: 48918

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079319.D

Acq: 02 Jul 2024 15:20

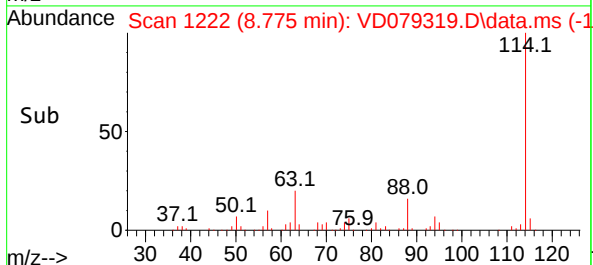
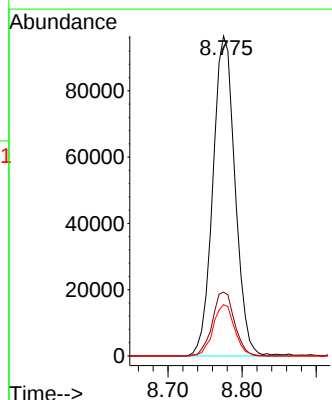
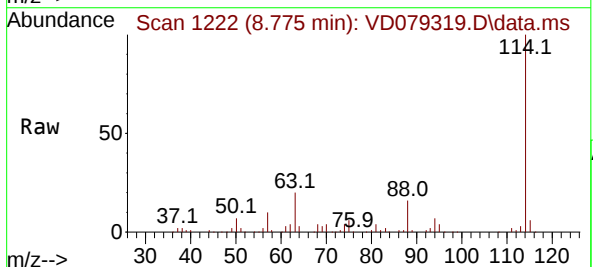
Tgt Ion: 114 Resp: 200559

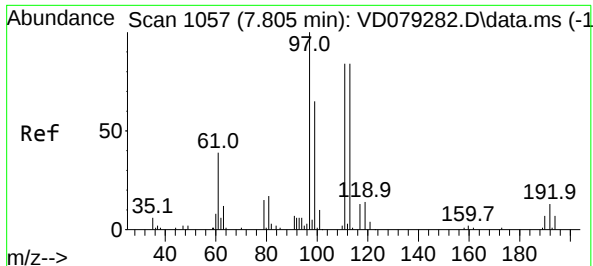
Ion Ratio Lower Upper

114 100

63 20.0 0.0 34.0

88 16.1 0.0 27.2

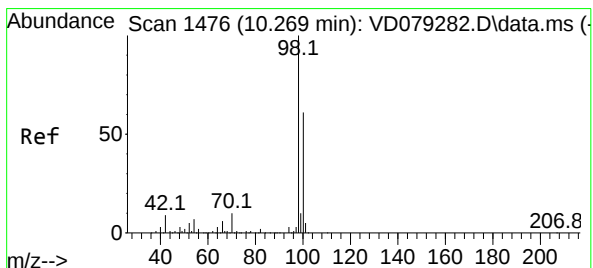
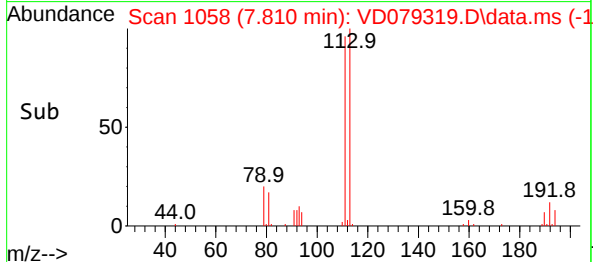
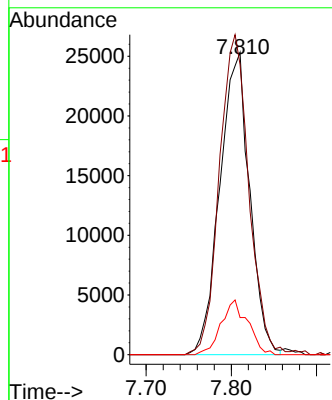
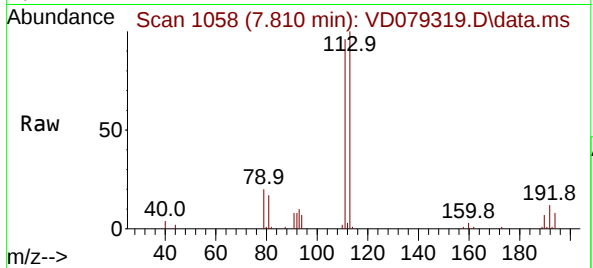




#35
Dibromofluoromethane
Concen: 46.739 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

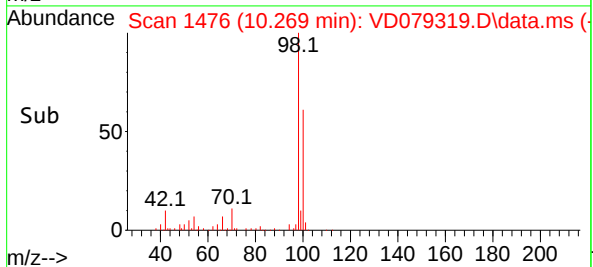
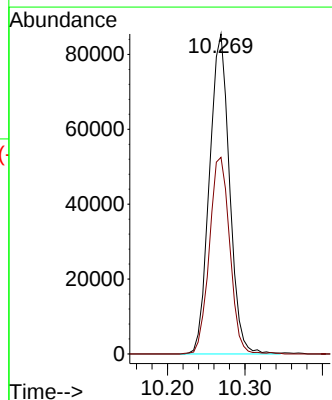
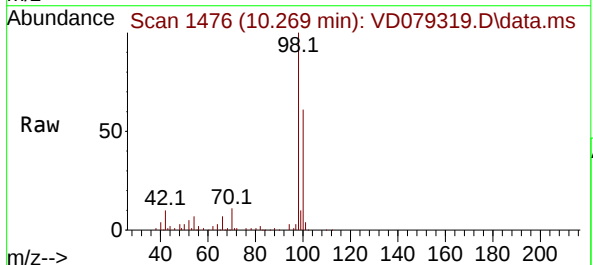
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ClientSampleId :
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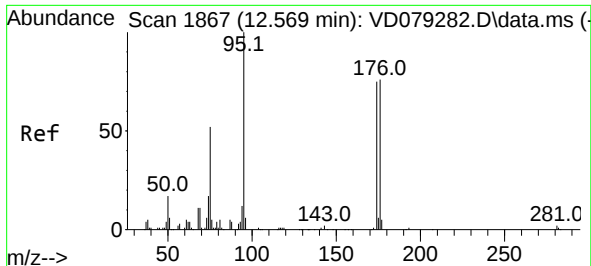
Tgt Ion:113 Resp: 61530
Ion Ratio Lower Upper
113 100
111 104.6 84.0 126.0
192 16.3 15.4 23.0



#50
Toluene-d8
Concen: 32.450 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

Tgt Ion: 98 Resp: 153681
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4

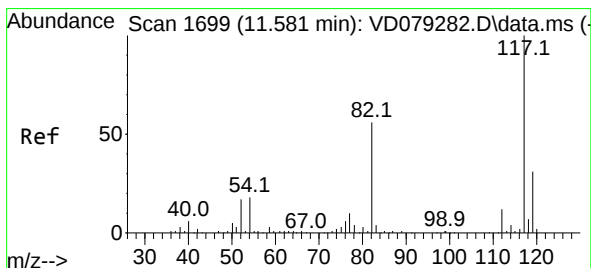
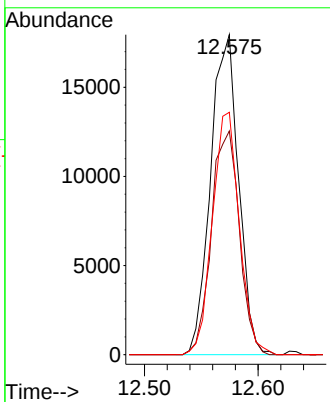
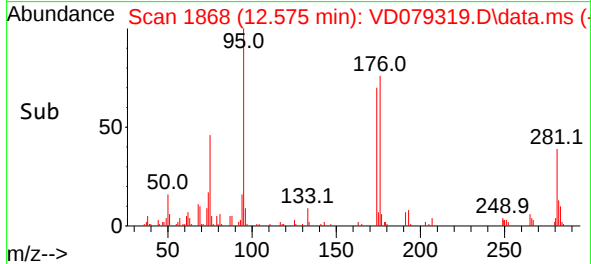
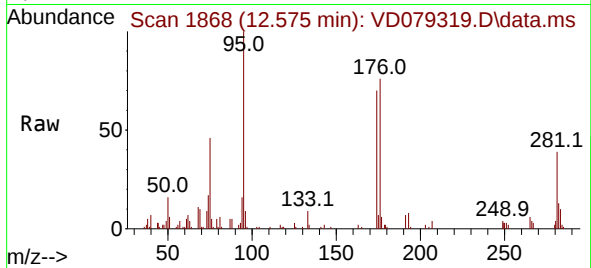




#62
4-Bromofluorobenzene
Concen: 20.205 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

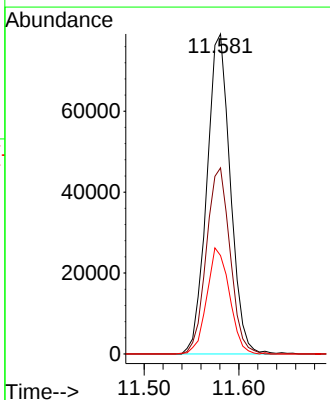
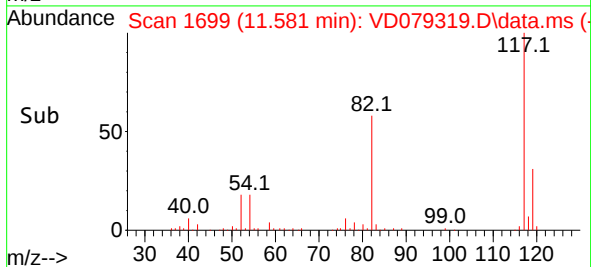
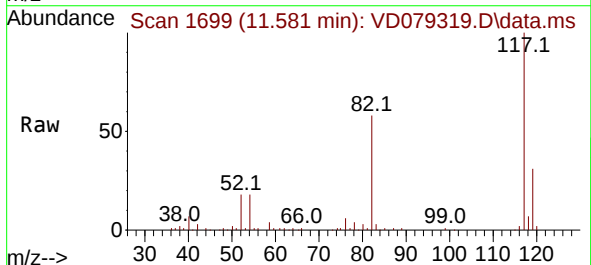
Instrument :
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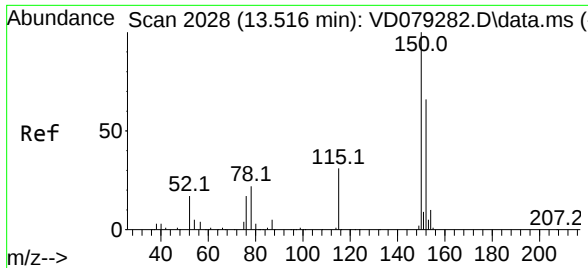
Tgt Ion: 95 Resp: 30685
Ion Ratio Lower Upper
95 100
174 70.0 0.0 195.4
176 73.1 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

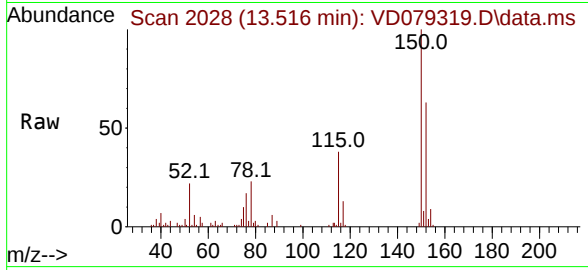
Tgt Ion: 117 Resp: 136106
Ion Ratio Lower Upper
117 100
82 58.1 39.8 59.6
119 30.7 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079319.D
 Acq: 02 Jul 2024 15:20

Instrument :
 MSVOA_D
 ClientSampleId :
 B-140-SB02RE



Tgt Ion:	152	Resp:	27449
Ion Ratio	Lower	Upper	
152	100		
115	64.9	26.5	79.5
150	158.5	0.0	341.6

