

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079306.D
 Acq On : 01 Jul 2024 19:53
 Operator : RP/MD
 Sample : P3141-04
 Misc : 8.20G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-129-SB01

Quant Time: Jul 02 06:02:07 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)

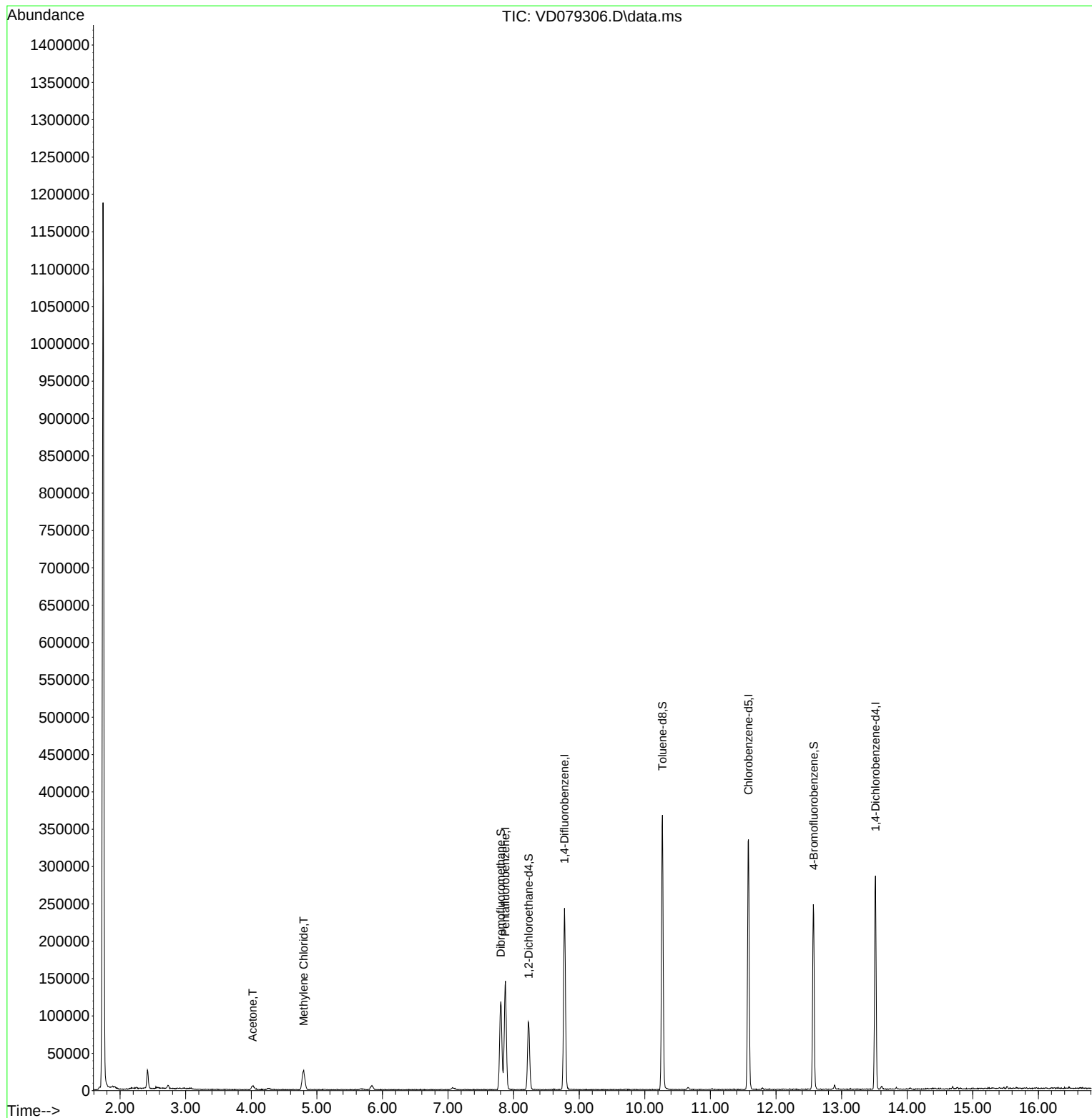
Internal Standards						
1) Pentafluorobenzene	7.875	168	101144	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	213627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72514	75.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.780%	
35) Dibromofluoromethane	7.805	113	88862	63.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.740%	
50) Toluene-d8	10.269	98	264125	52.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.720%	
62) 4-Bromofluorobenzene	12.575	95	82061	50.729	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	9652	40.208	ug/l	97
20) Methylene Chloride	4.799	84	20288	7.575	ug/l	95

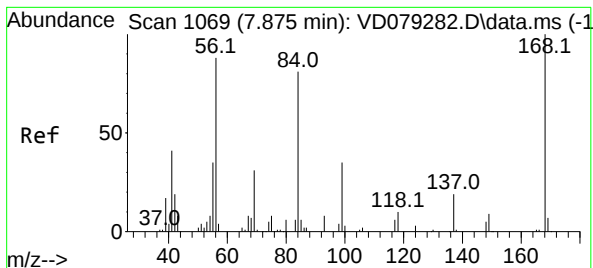
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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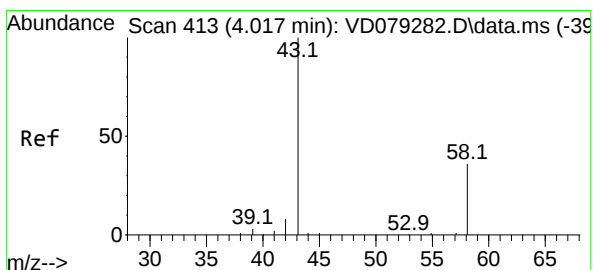
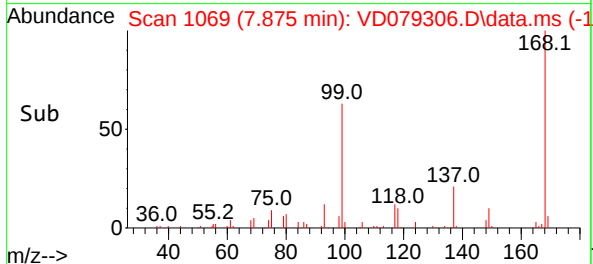
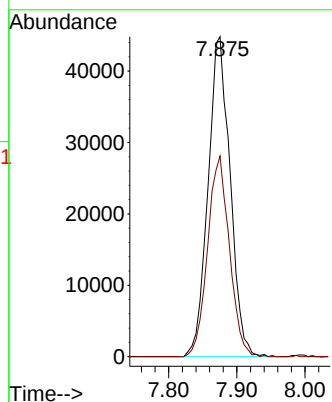
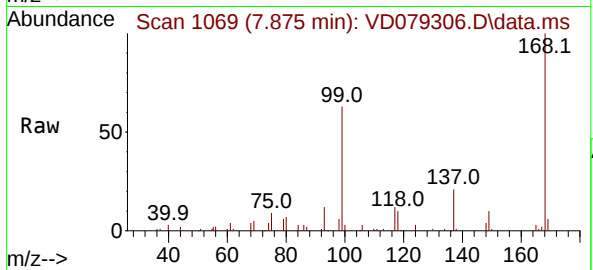




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

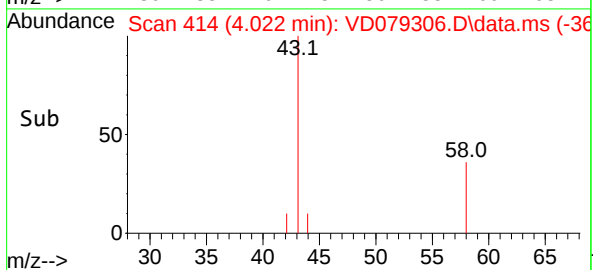
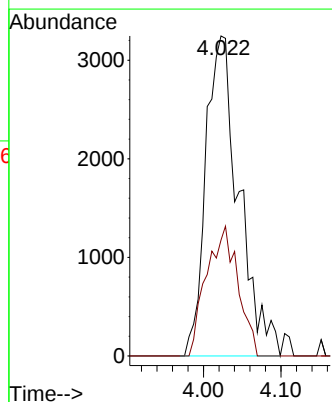
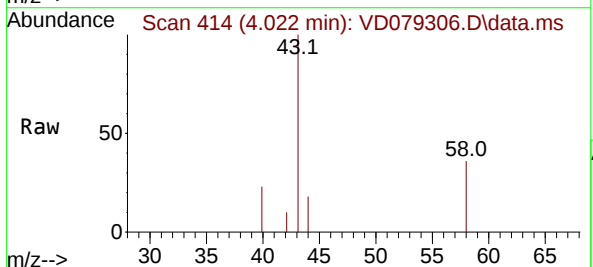
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB01

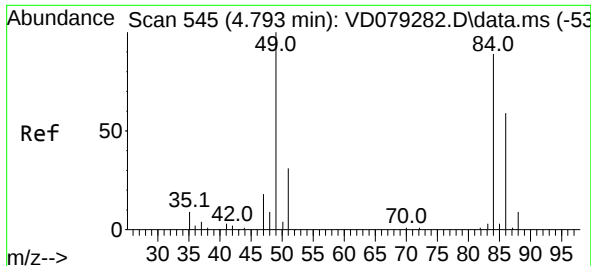
Tgt Ion:168 Resp: 101144
Ion Ratio Lower Upper
168 100
99 62.7 41.1 61.7#



#16
Acetone
Concen: 40.208 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

Tgt Ion: 43 Resp: 9652
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6

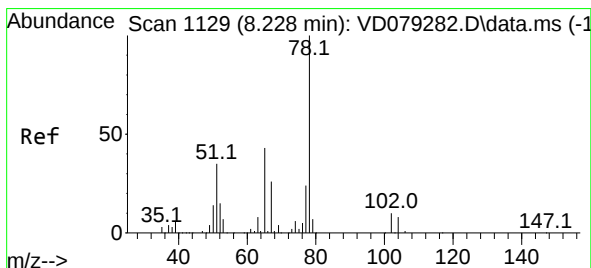
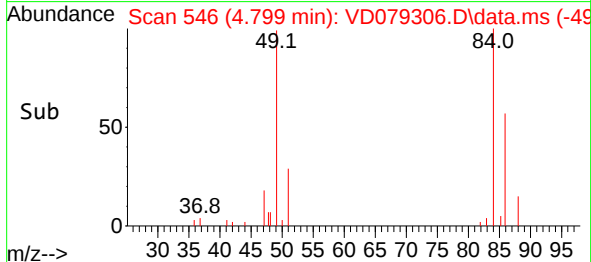
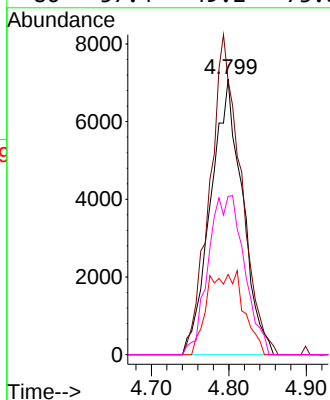
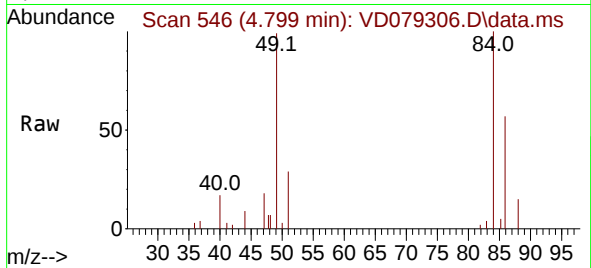




#20
Methylene Chloride
Concen: 7.575 ug/l
RT: 4.799 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

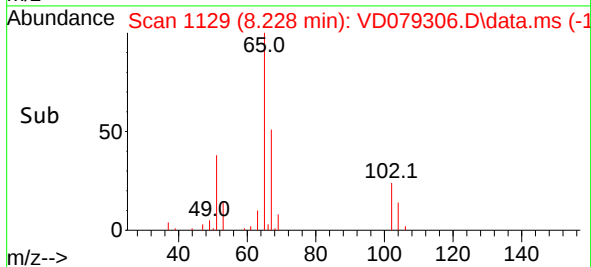
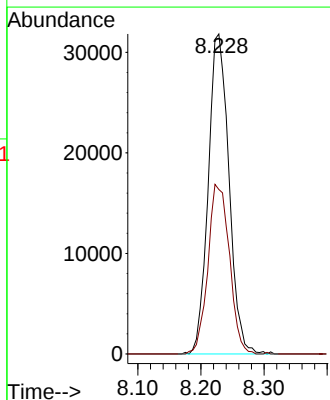
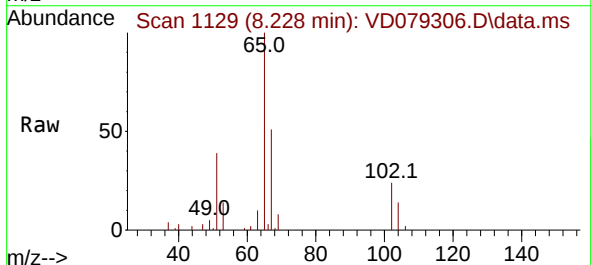
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB01

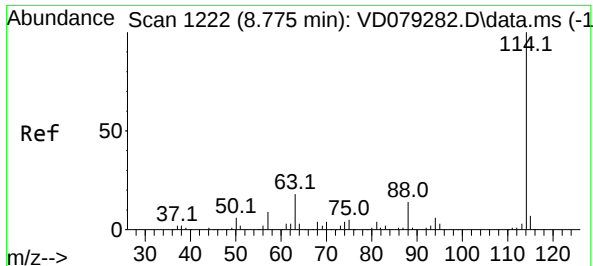
Tgt Ion: 84	Resp: 20288
Ion Ratio	Lower Upper
84 100	
49 99.3	75.6 113.4
51 29.1	24.2 36.2
86 57.4	49.2 73.8



#33
1,2-Dichloroethane-d4
Concen: 75.391 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

Tgt Ion: 65	Resp: 72514
Ion Ratio	Lower Upper
65 100	
67 55.0	0.0 111.0

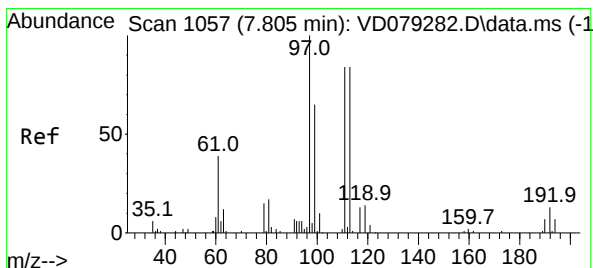
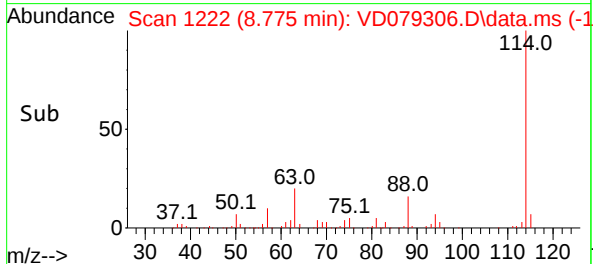
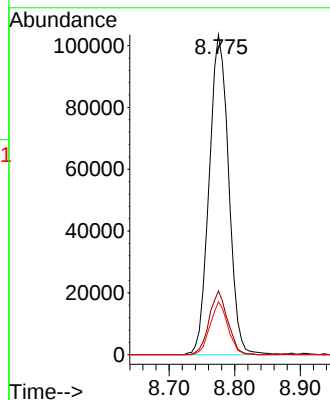
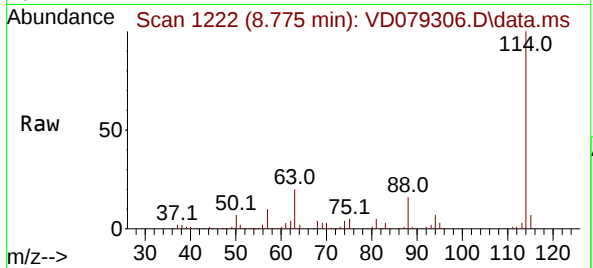




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

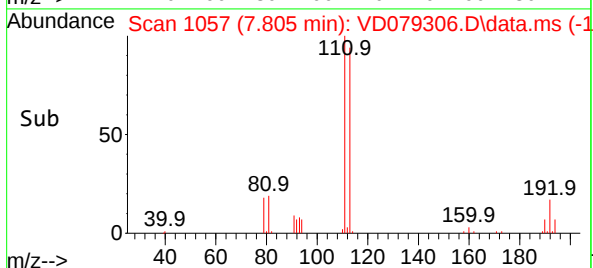
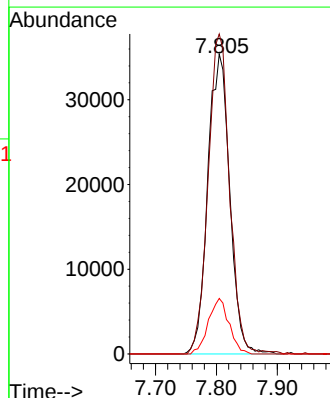
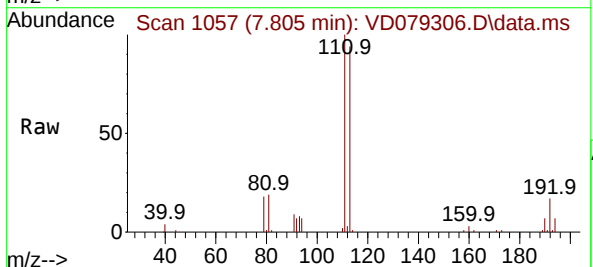
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB01

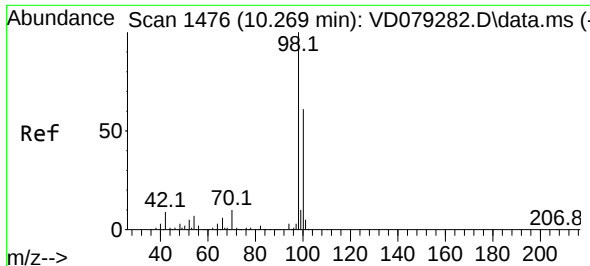
Tgt Ion:114 Resp: 213627
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.0
88 16.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 63.371 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

Tgt Ion:113 Resp: 88862
Ion Ratio Lower Upper
113 100
111 104.1 84.0 126.0
192 17.4 15.4 23.0

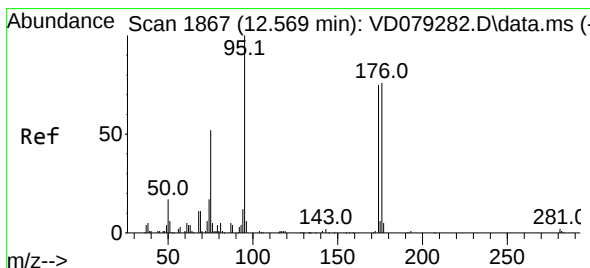
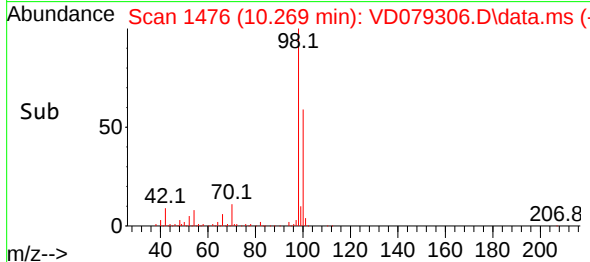
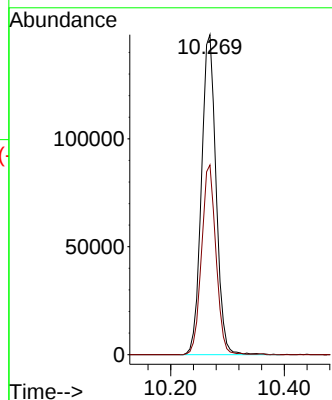
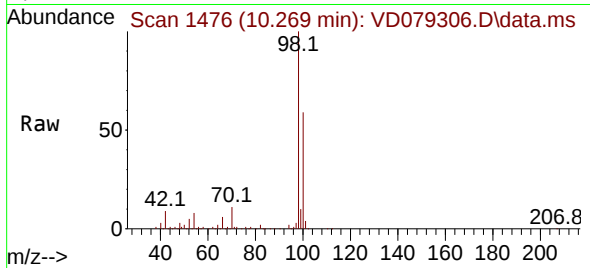




#50
Toluene-d8
Concen: 52.358 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

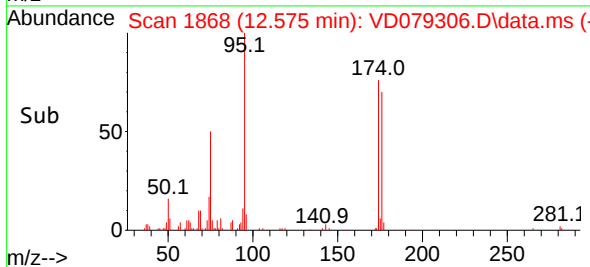
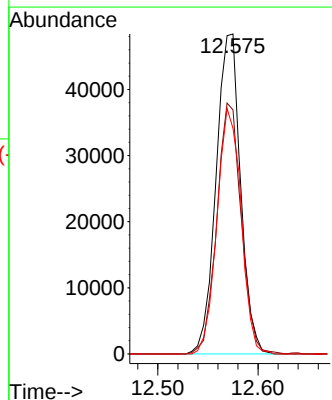
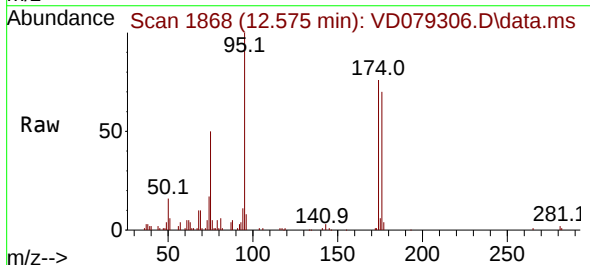
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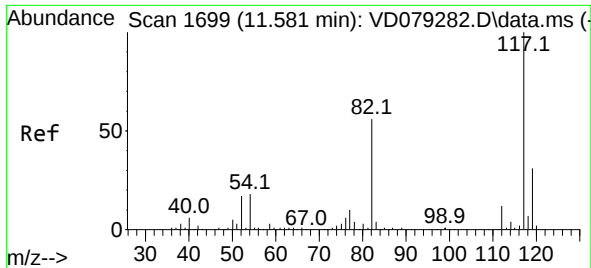
Tgt Ion: 98 Resp: 264125
Ion Ratio Lower Upper
98 100
100 58.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 50.729 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

Tgt Ion: 95 Resp: 82061
Ion Ratio Lower Upper
95 100
174 78.2 0.0 195.4
176 75.4 0.0 192.6

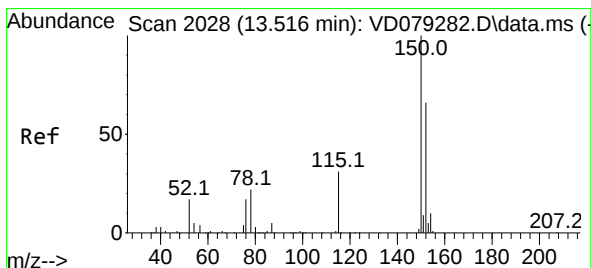
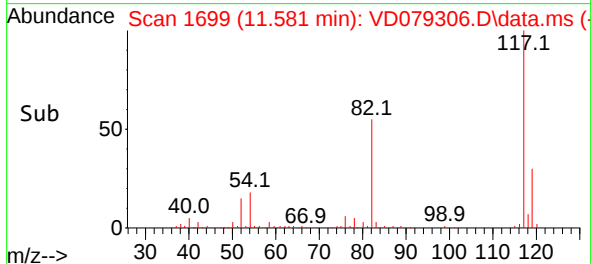
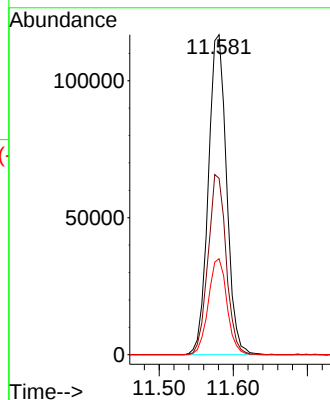
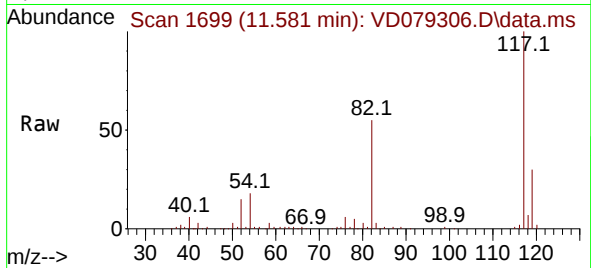




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

Instrument :
MSVOA_D
ClientSampleId :
B-129-SB01

Tgt Ion:117 Resp: 199732
Ion Ratio Lower Upper
117 100
82 55.1 39.8 59.6
119 30.0 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: VD079306.D
Acq: 01 Jul 2024 19:53

Tgt Ion:152 Resp: 76573
Ion Ratio Lower Upper
152 100
115 61.0 26.5 79.5
150 156.4 0.0 341.6

