

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079369.D
 Acq On : 09 Jul 2024 18:50
 Operator : RP/MD
 Sample : P3141-03
 Misc : 6.62G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-140-SB02

Quant Time: Jul 10 03:07:11 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)

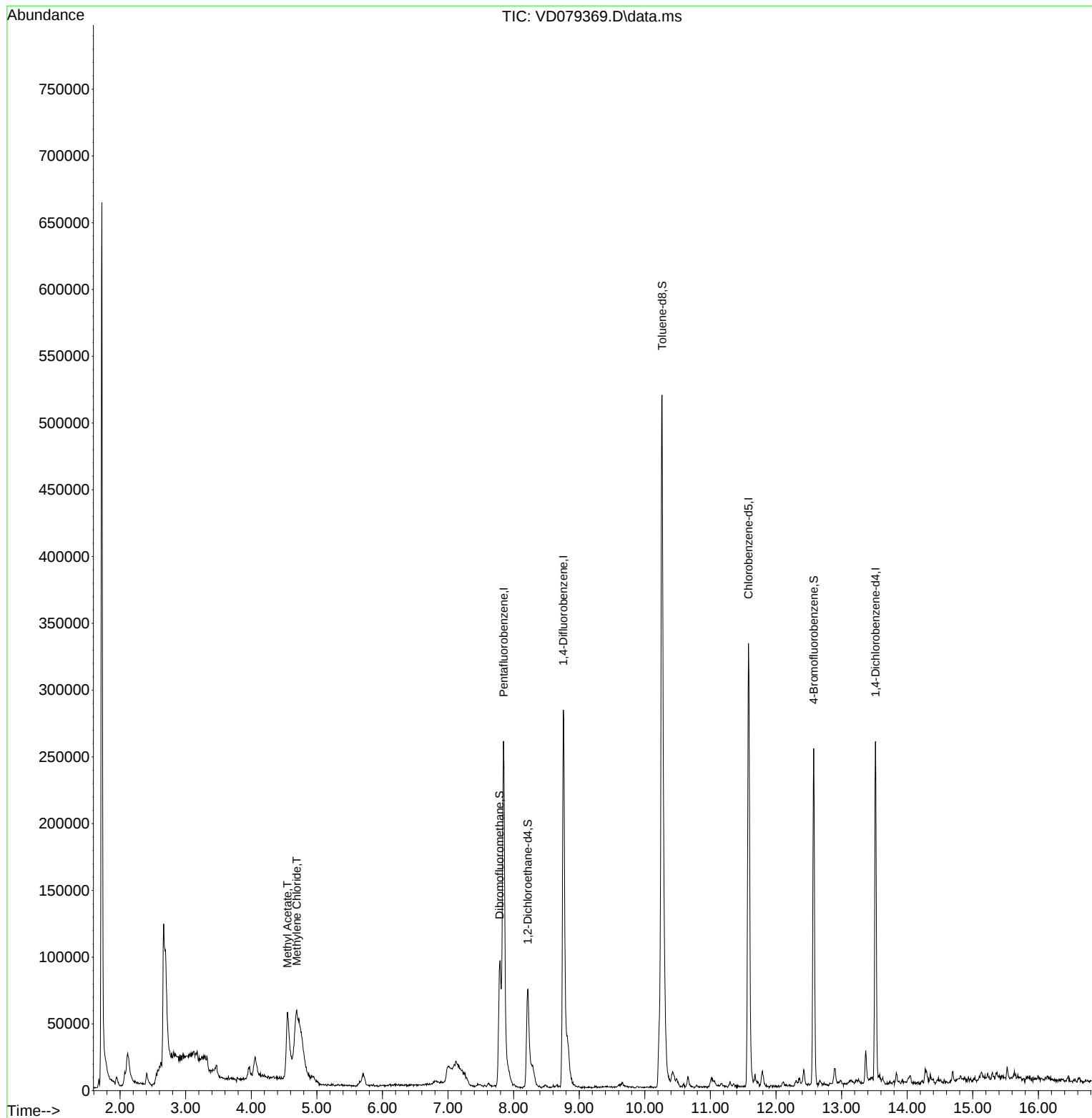
Internal Standards						
1) Pentafluorobenzene	7.846	168	192533	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	8.758	114	346463	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.581	117	246291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	71975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.216	65	96418	42.496	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.000%
35) Dibromofluoromethane	7.787	113	95002	38.868	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.740%
50) Toluene-d8	10.263	98	435970	46.271	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.575	95	83475	28.505	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.000%
Target Compounds						
18) Methyl Acetate	4.552	43	123469	91.443	ug/l	92
20) Methylene Chloride	4.693	84	89619	21.366	ug/l	96

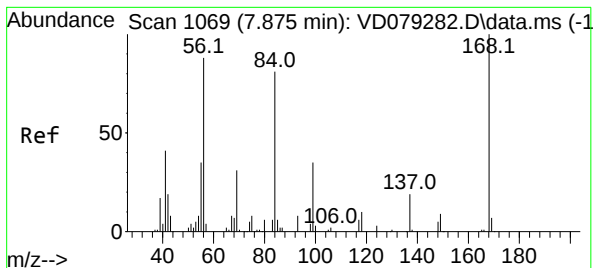
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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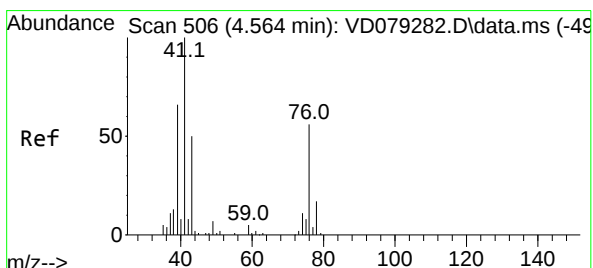
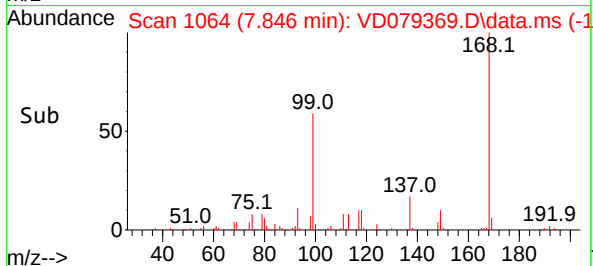
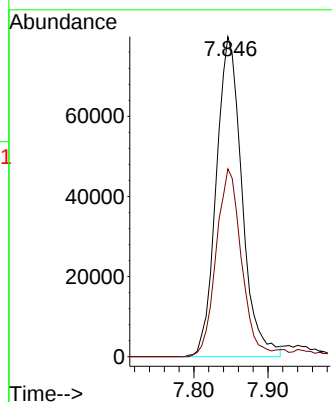
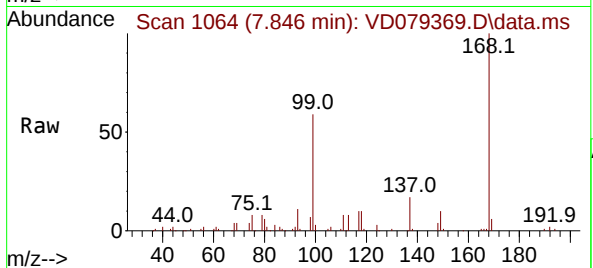




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.846 min Scan# 1064
Delta R.T. -0.029 min
Lab File: VD079369.D
Acq: 09 Jul 2024 18:50

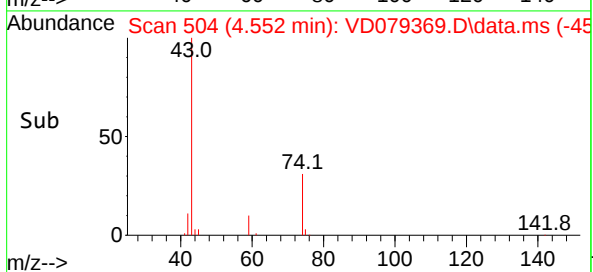
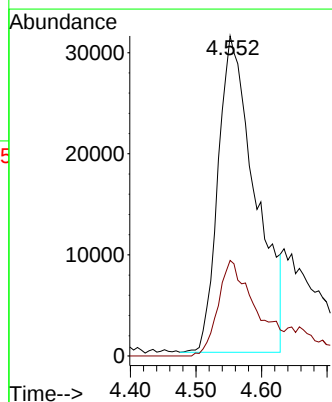
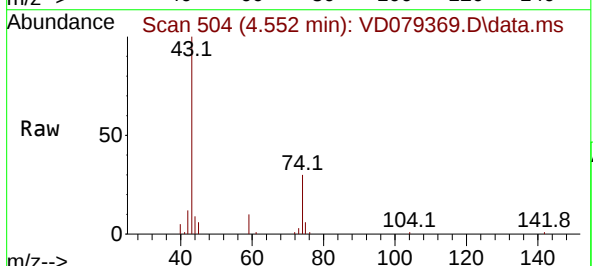
Instrument :
MSVOA_D
ClientSampleId :
B-140-SB02

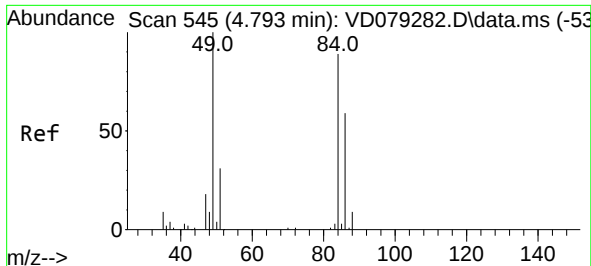
Tgt Ion:168 Resp: 192533
Ion Ratio Lower Upper
168 100
99 58.7 41.1 61.7



#18
Methyl Acetate
Concen: 91.443 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD079369.D
Acq: 09 Jul 2024 18:50

Tgt Ion: 43 Resp: 123469
Ion Ratio Lower Upper
43 100
74 30.7 28.1 42.1

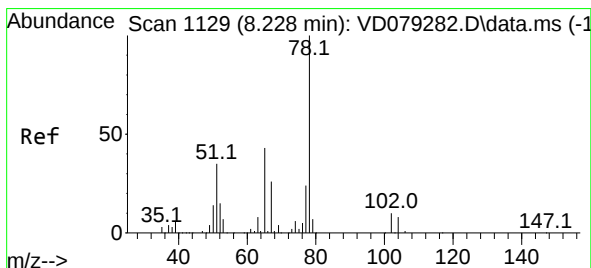
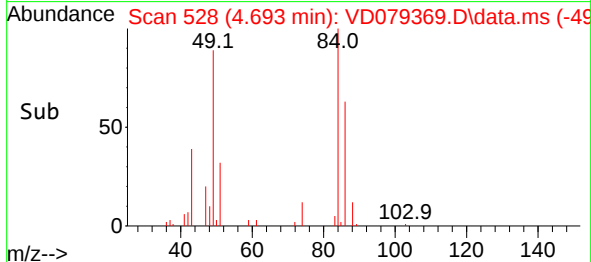
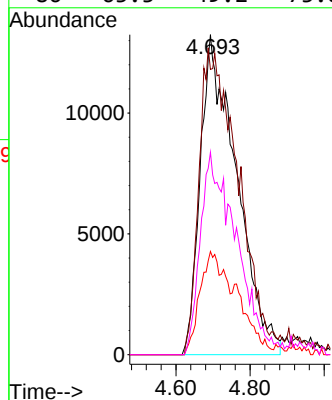
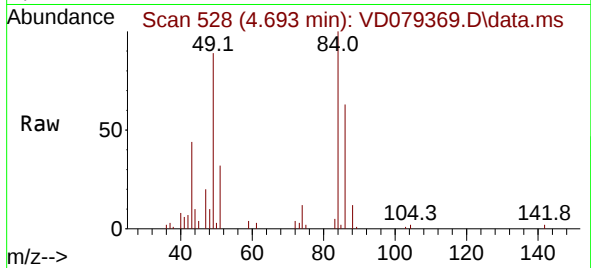




#20
Methylene Chloride
Concen: 21.366 ug/l
RT: 4.693 min Scan# 51
Delta R.T. -0.100 min
Lab File: VD079369.D
Acq: 09 Jul 2024 18:50

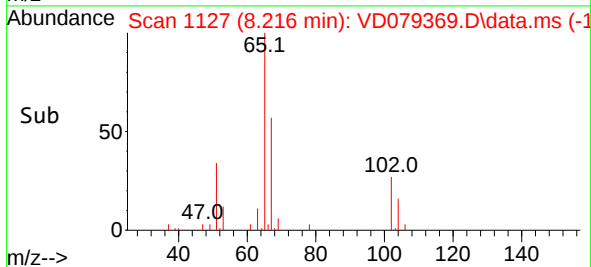
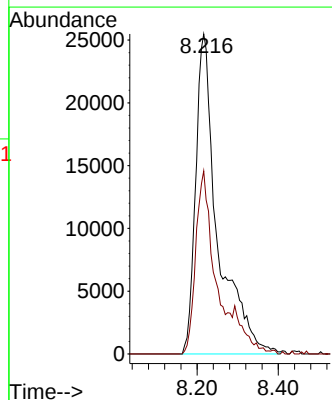
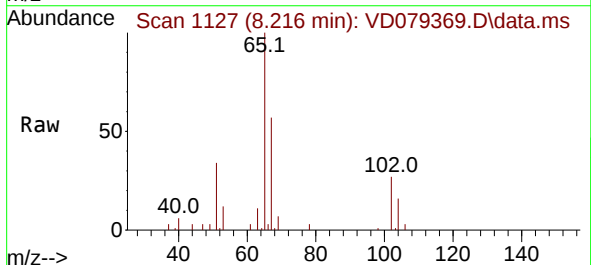
Instrument :
MSVOA_D
ClientSampleId :
B-140-SB02

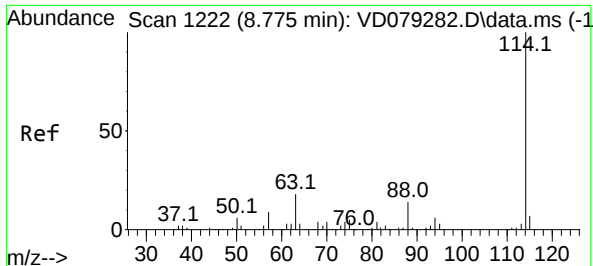
Tgt Ion:	84	Resp:	89619
Ion	Ratio	Lower	Upper
84	100		
49	89.2	75.6	113.4
51	32.2	24.2	36.2
86	63.3	49.2	73.8



#33
1,2-Dichloroethane-d4
Concen: 42.496 ug/l
RT: 8.216 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VD079369.D
Acq: 09 Jul 2024 18:50

Tgt Ion:	65	Resp:	96418
Ion	Ratio	Lower	Upper
65	100		
67	47.2	0.0	111.0

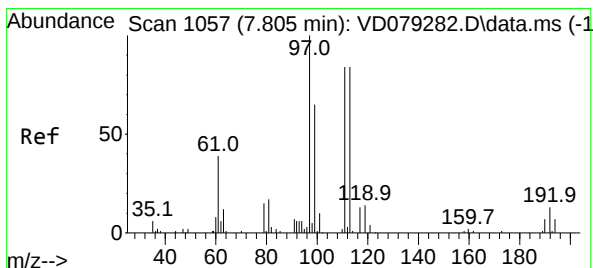
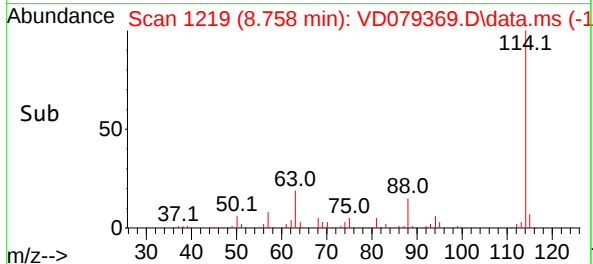
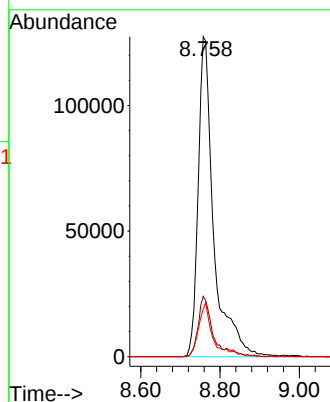
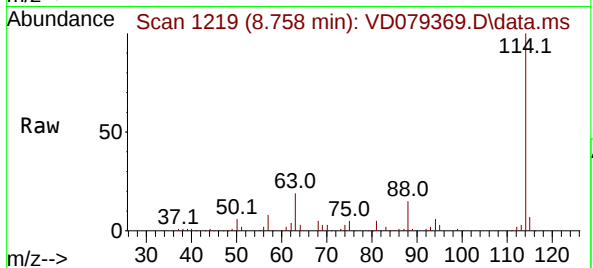




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.758 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD079369.D
Acq: 09 Jul 2024 18:50

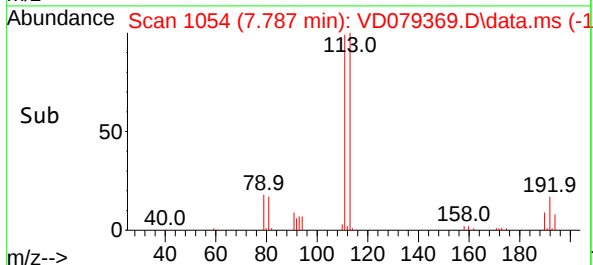
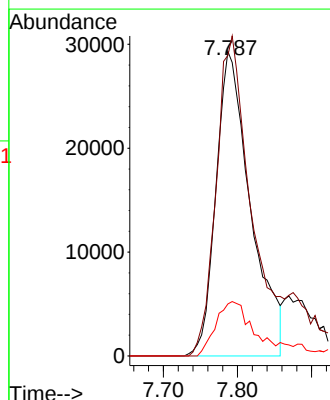
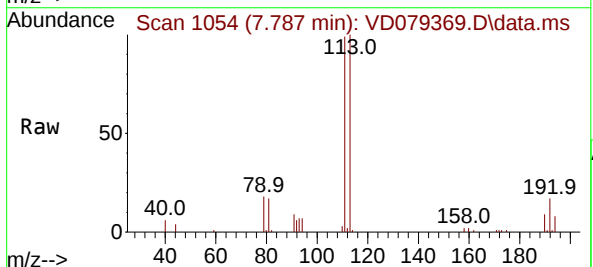
Instrument :
MSVOA_D
ClientSampleId :
B-140-SB02

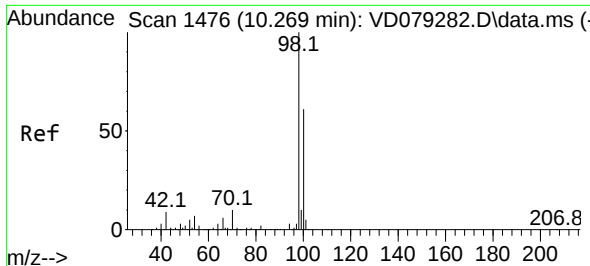
Tgt Ion:114 Resp: 346463
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.0
88 14.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 38.868 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.018 min
Lab File: VD079369.D
Acq: 09 Jul 2024 18:50

Tgt Ion:113 Resp: 95002
Ion Ratio Lower Upper
113 100
111 106.4 84.0 126.0
192 18.9 15.4 23.0

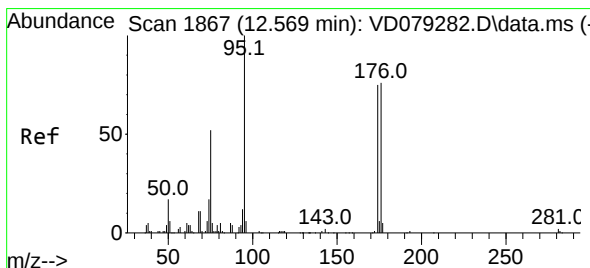
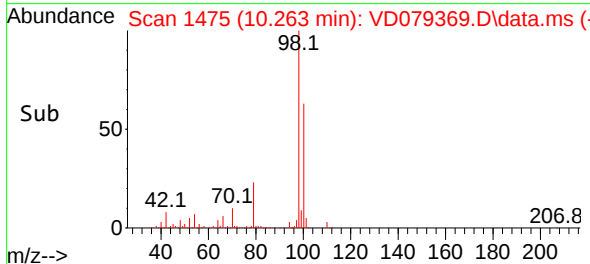
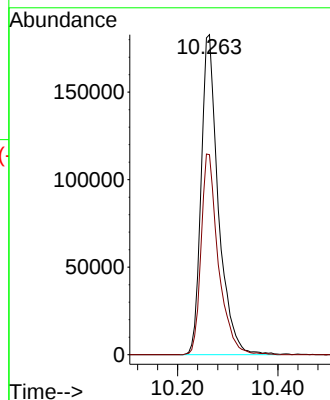
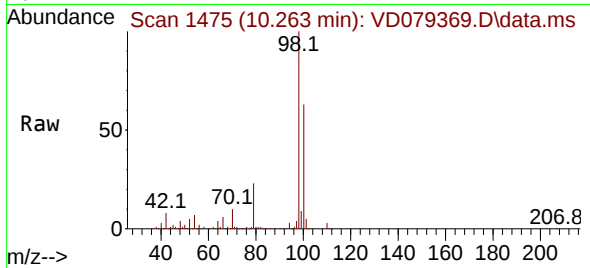




#50
Toluene-d8
Concen: 46.271 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079369.D
Acq: 09 Jul 2024 18:50

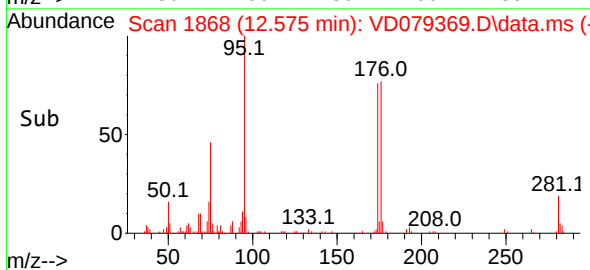
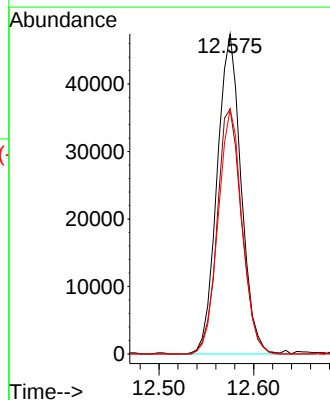
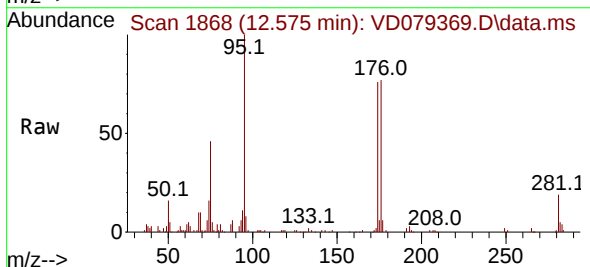
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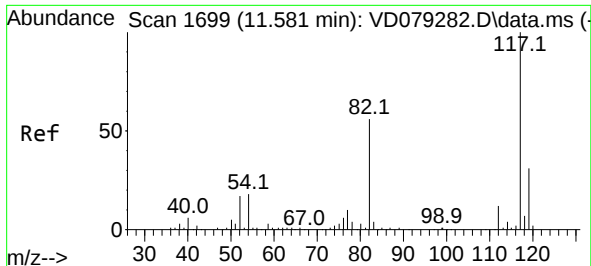
Tgt Ion: 98 Resp: 435970
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 28.505 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079369.D
Acq: 09 Jul 2024 18:50

Tgt Ion: 95 Resp: 83475
Ion Ratio Lower Upper
95 100
174 78.3 0.0 195.4
176 76.6 0.0 192.6

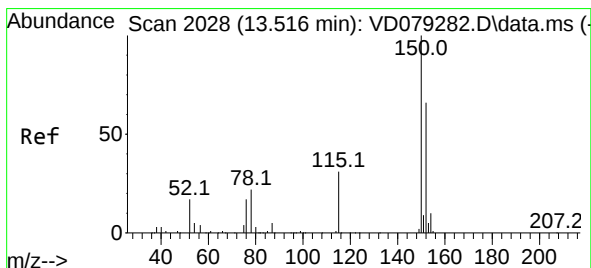
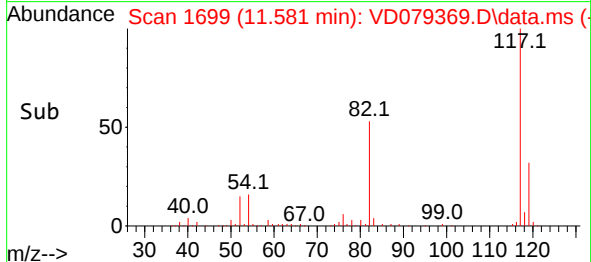
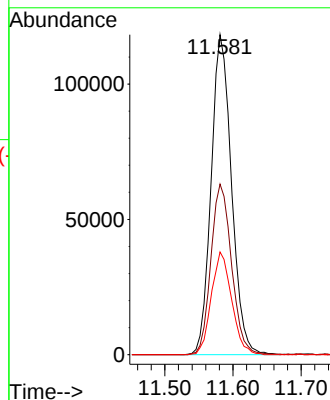
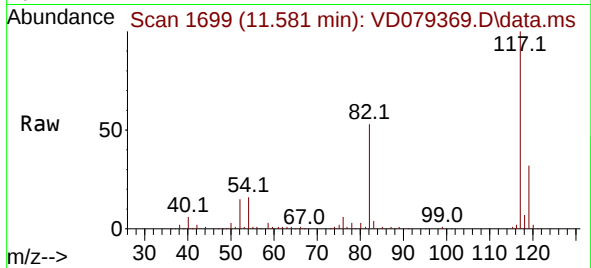




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079369.D
Acq: 09 Jul 2024 18:50

Instrument :
MSVOA_D
ClientSampleId :
B-140-SB02

Tgt Ion:117 Resp: 246291
Ion Ratio Lower Upper
117 100
82 53.3 39.8 59.6
119 32.1 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: VD079369.D
Acq: 09 Jul 2024 18:50

Tgt Ion:152 Resp: 71975
Ion Ratio Lower Upper
152 100
115 59.4 26.5 79.5
150 157.6 0.0 341.6

