

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079364.D
 Acq On : 09 Jul 2024 16:30
 Operator : RP/MD
 Sample : P3167-15RE
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-840-842RE

Quant Time: Jul 09 16:55:02 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)

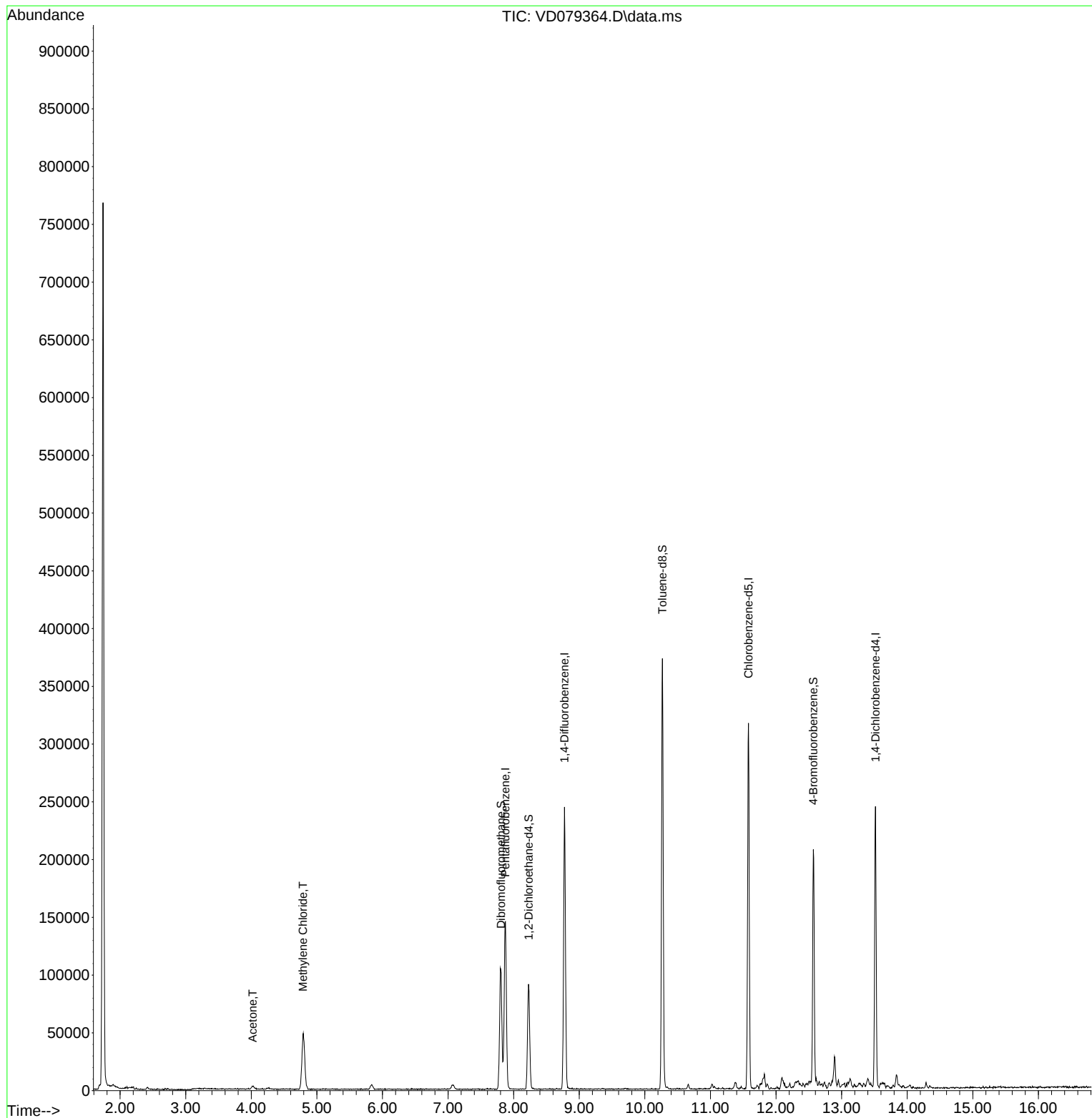
Internal Standards						
1) Pentafluorobenzene	7.875	168	108664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	212334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	63812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70532	55.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.160%
35) Dibromofluoromethane	7.810	113	80841	53.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.940%
50) Toluene-d8	10.269	98	268789	46.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.569	95	71092	39.611	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.220%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	4491	18.440	ug/l	# 85
20) Methylene Chloride	4.787	84	38633	13.969	ug/l	97

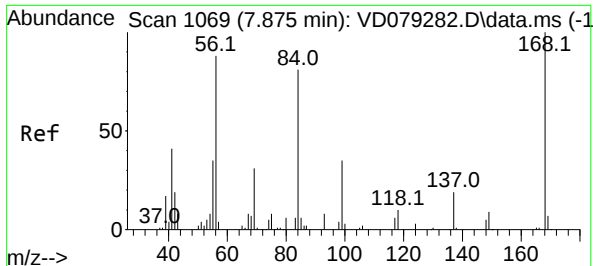
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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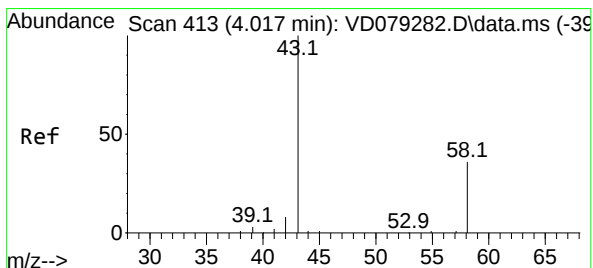
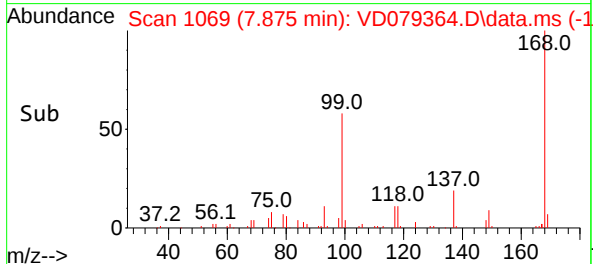
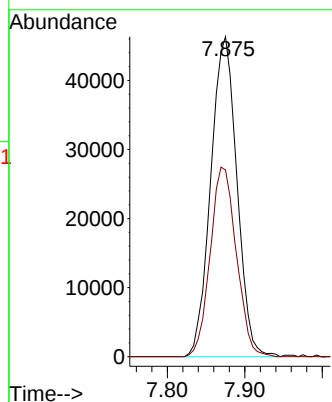
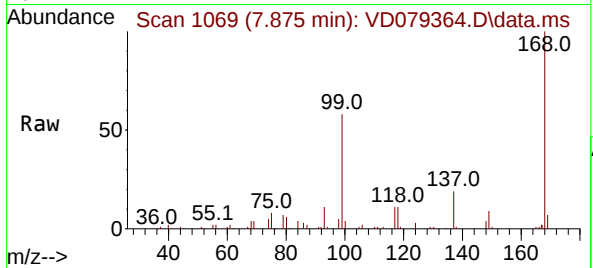




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

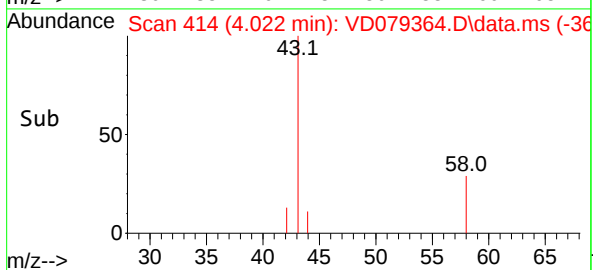
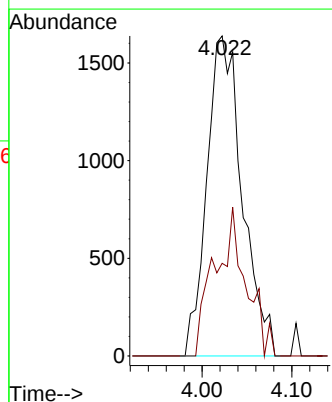
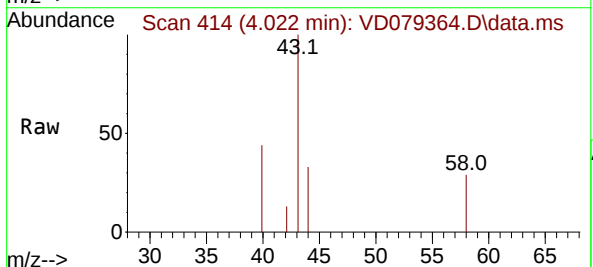
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842RE

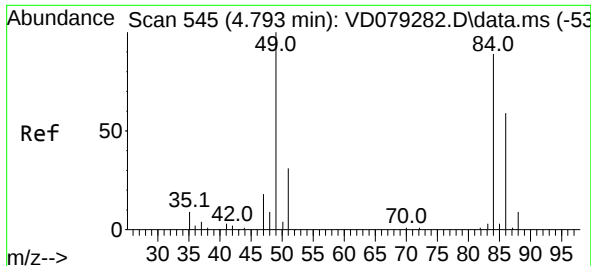
Tgt Ion:168 Resp: 108664
Ion Ratio Lower Upper
168 100
99 58.4 41.1 61.7



#16
Acetone
Concen: 18.440 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion: 43 Resp: 4491
Ion Ratio Lower Upper
43 100
58 28.9 30.4 45.6#

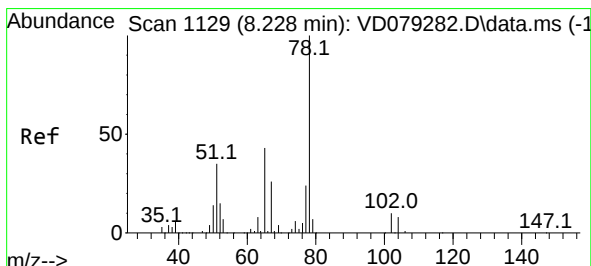
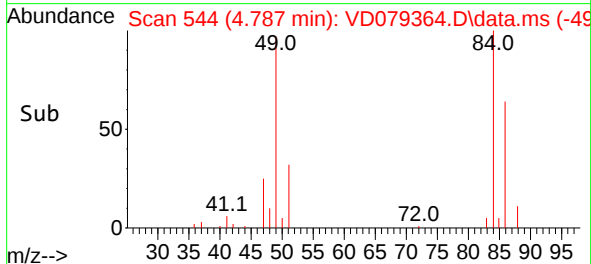
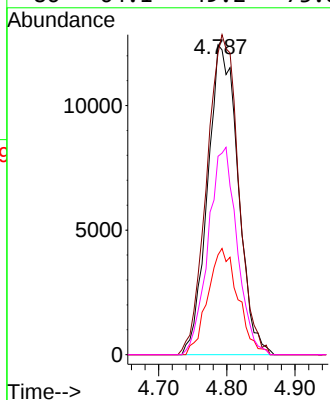
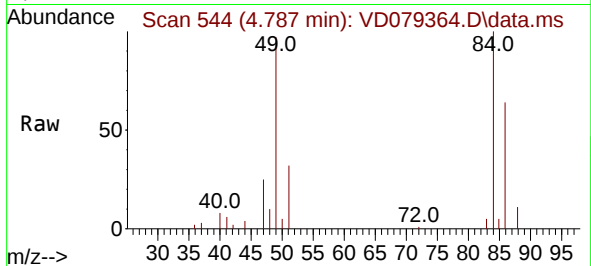




#20
Methylene Chloride
Concen: 13.969 ug/l
RT: 4.787 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

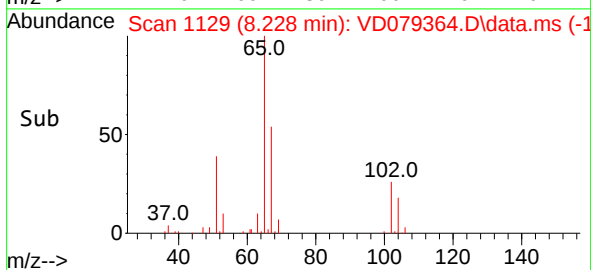
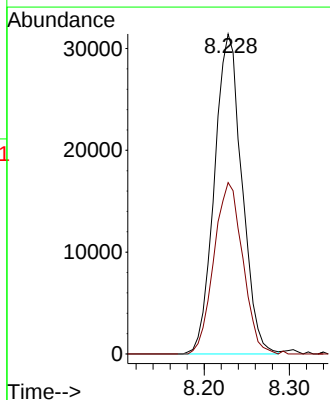
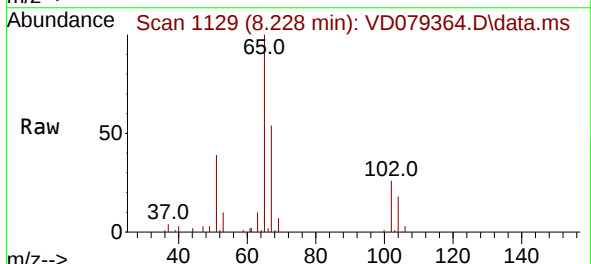
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842RE

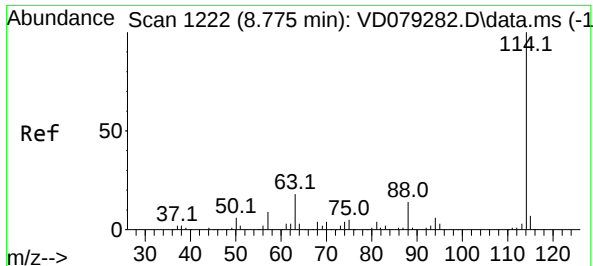
Tgt Ion:	84	Resp:	38633
Ion	Ratio	Lower	Upper
84	100		
49	97.4	75.6	113.4
51	32.2	24.2	36.2
86	64.1	49.2	73.8



#33
1,2-Dichloroethane-d4
Concen: 55.080 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion:	65	Resp:	70532
Ion	Ratio	Lower	Upper
65	100		
67	56.0	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: VD079364.D

Acq: 09 Jul 2024 16:30

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-GW-840-842RE

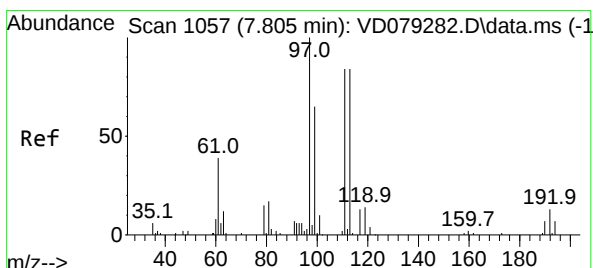
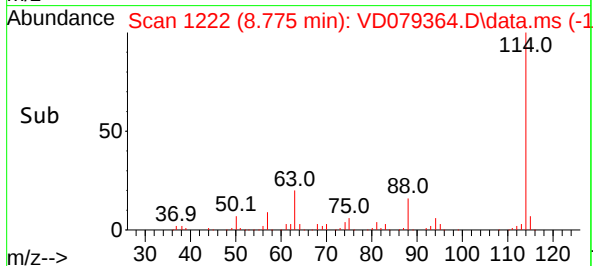
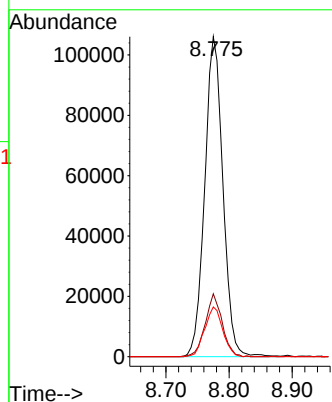
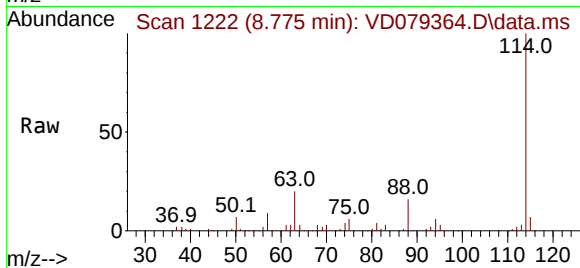
Tgt Ion:114 Resp: 212334

Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.967 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079364.D

Acq: 09 Jul 2024 16:30

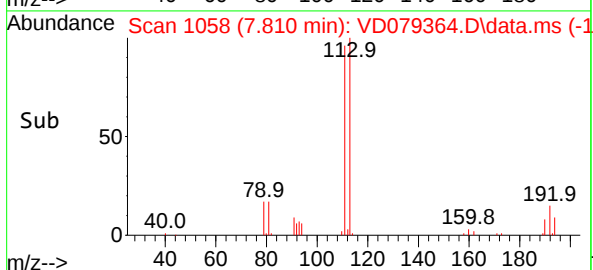
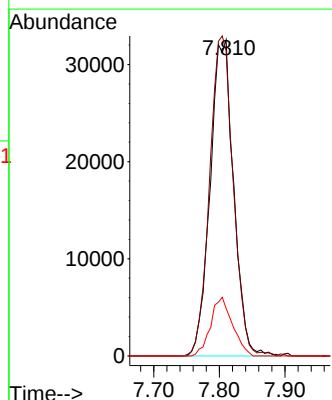
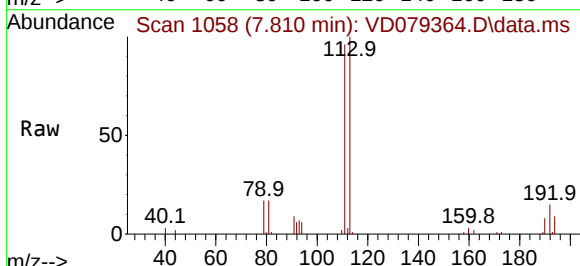
Tgt Ion:113 Resp: 80841

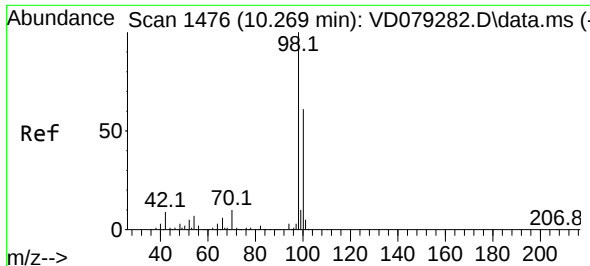
Ion Ratio Lower Upper

113 100

111 101.7 84.0 126.0

192 17.3 15.4 23.0

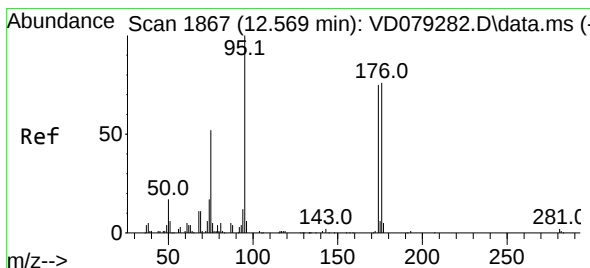
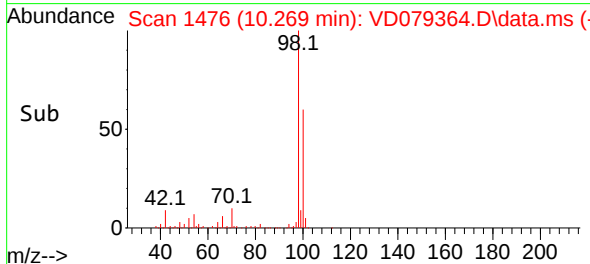
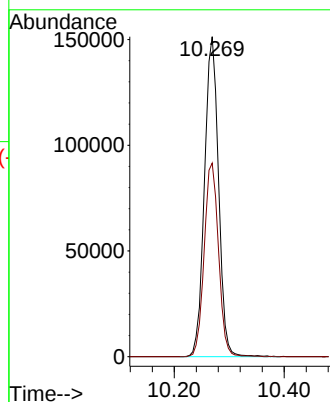
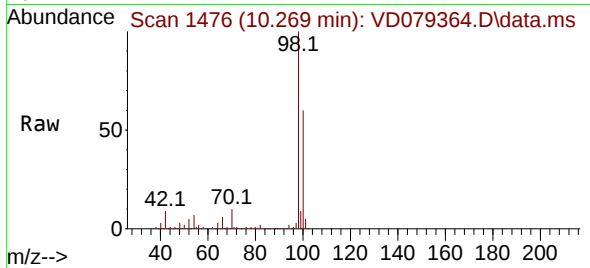




#50
Toluene-d8
Concen: 46.548 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

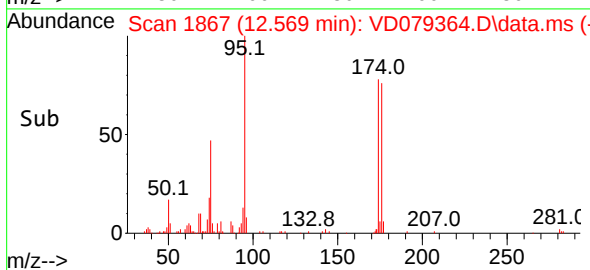
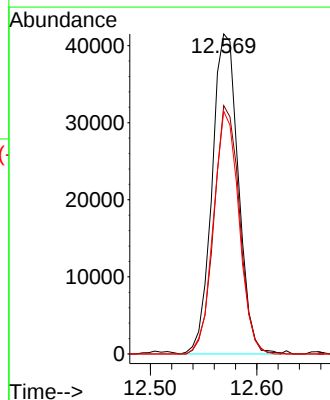
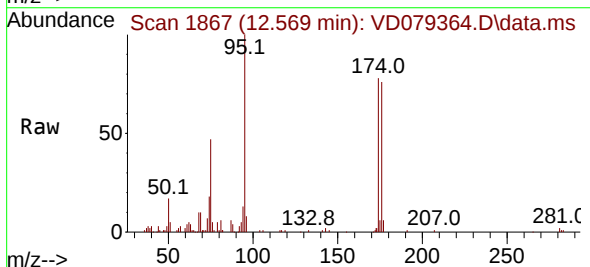
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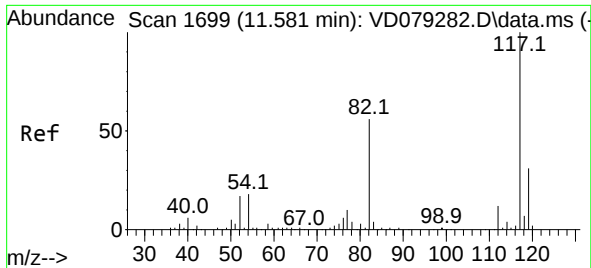
Tgt Ion: 98 Resp: 268789
Ion Ratio Lower Upper
98 100
100 61.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.611 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion: 95 Resp: 71092
Ion Ratio Lower Upper
95 100
174 75.6 0.0 195.4
176 73.6 0.0 192.6

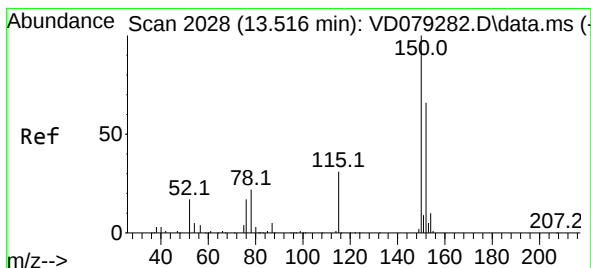
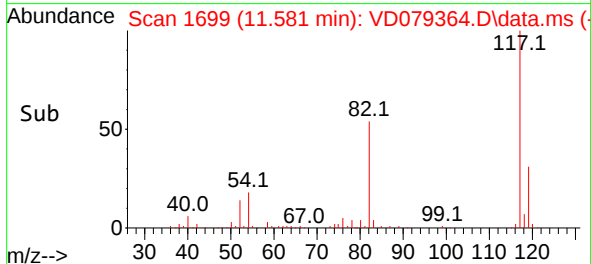
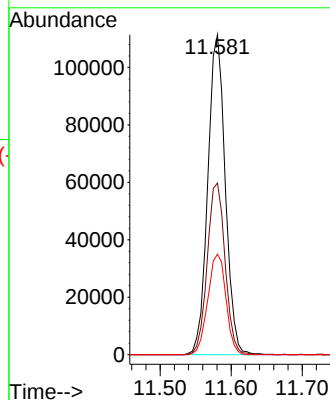
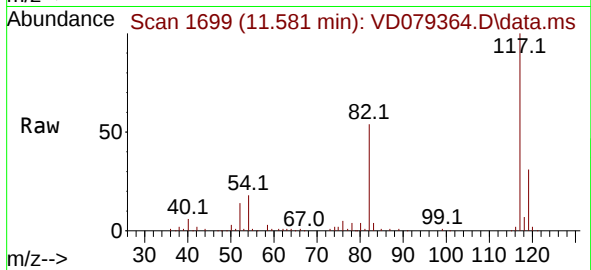




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842RE

Tgt Ion:117 Resp: 190403
Ion Ratio Lower Upper
117 100
82 53.7 39.8 59.6
119 31.4 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: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion:152 Resp: 63812
Ion Ratio Lower Upper
152 100
115 63.3 26.5 79.5
150 160.5 0.0 341.6

