

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079629.D
 Acq On : 06 Aug 2024 18:06
 Operator : RP/MD
 Sample : P3448-13RE
 Misc : 5.24G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7RE

Quant Time: Aug 06 18:06:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	191275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	356802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	272133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81889	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	112621	57.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.920%
35) Dibromofluoromethane	7.804	113	120277	49.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.269	98	377695	40.273	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.540%
62) 4-Bromofluorobenzene	12.575	95	74398	27.414	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.820%

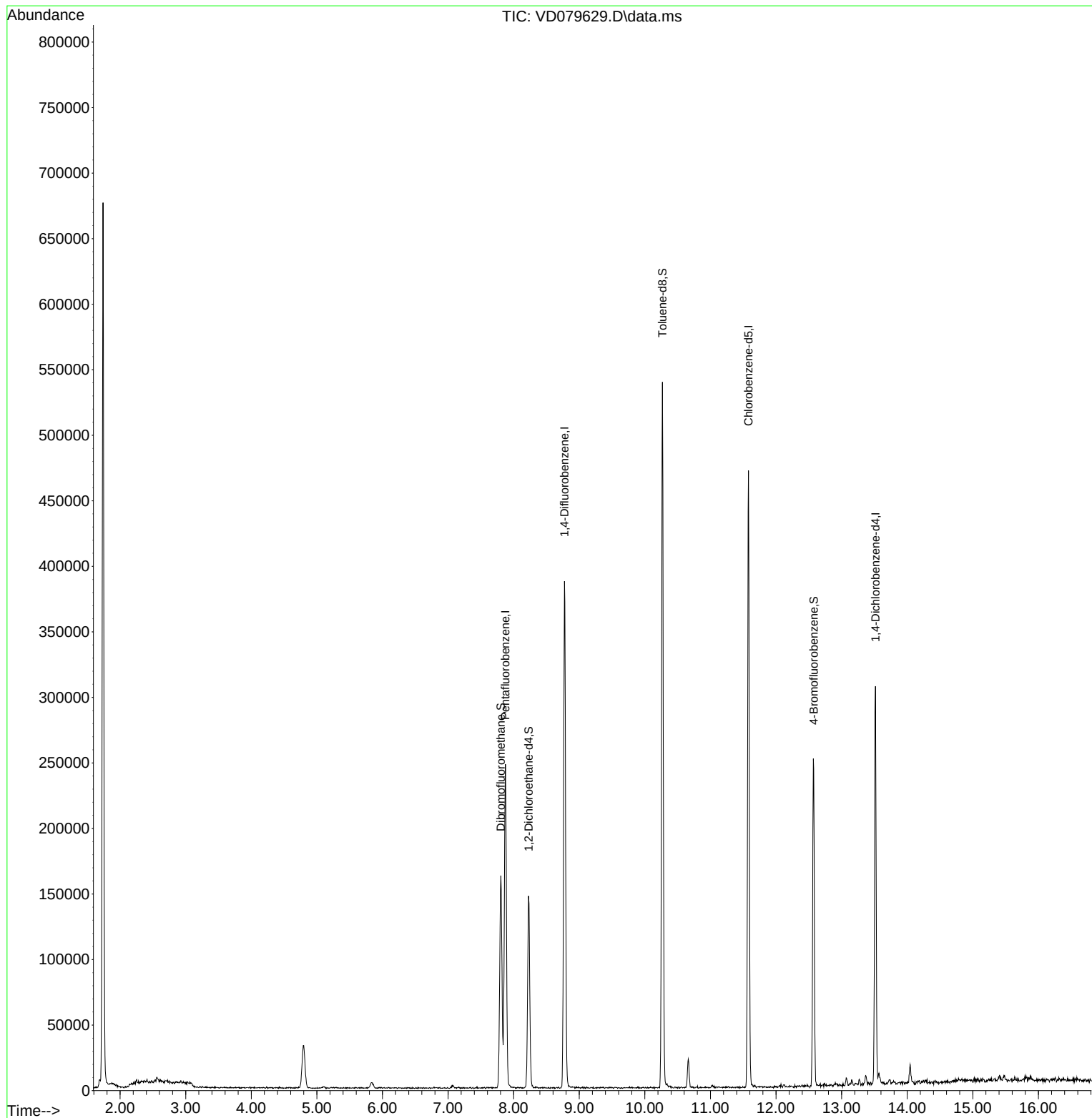
Target Compounds	Qvalue

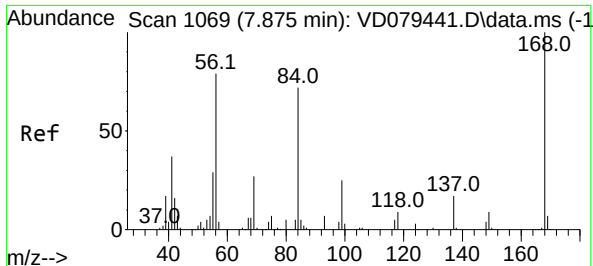
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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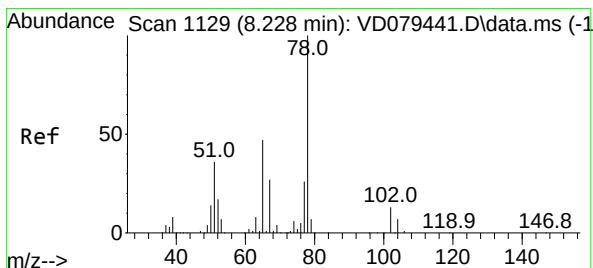
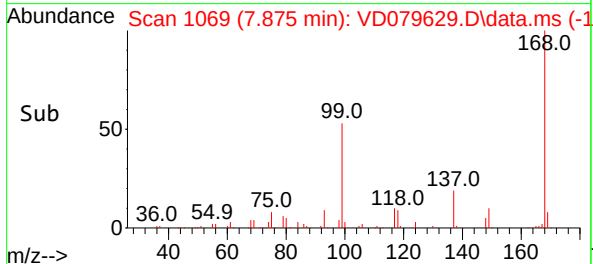
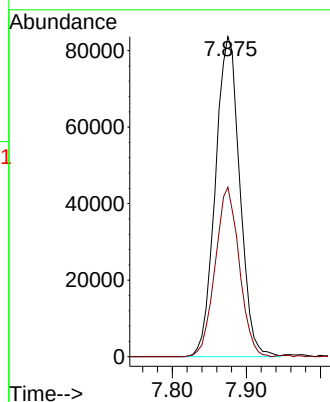
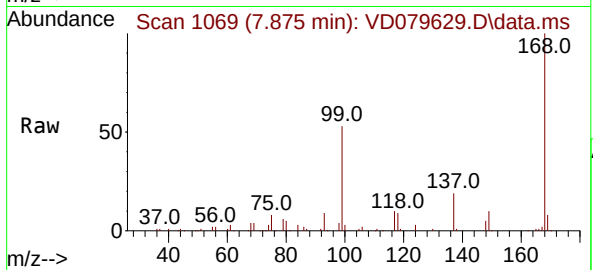




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079629.D
Acq: 06 Aug 2024 18:06

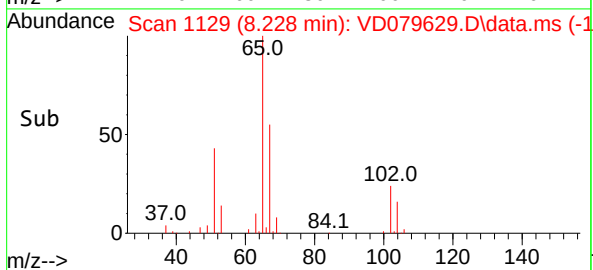
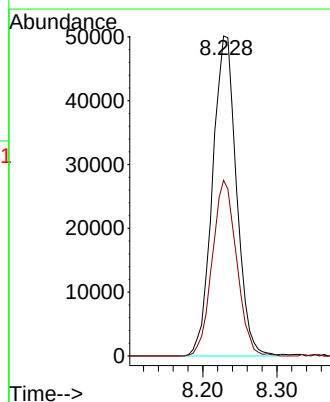
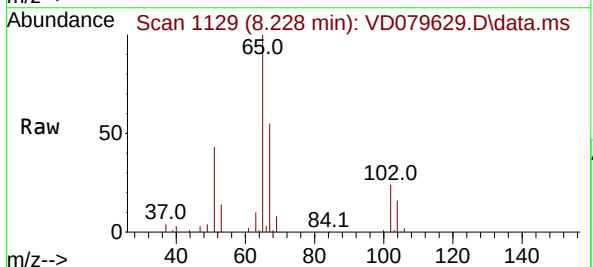
Instrument :
MSVOA_D
ClientSampleId :
TP7RE

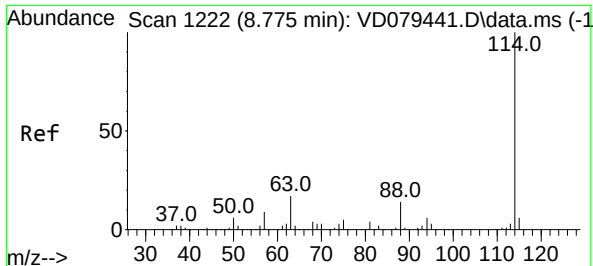
Tgt Ion:168 Resp: 191275
Ion Ratio Lower Upper
168 100
99 53.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 57.957 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079629.D
Acq: 06 Aug 2024 18:06

Tgt Ion: 65 Resp: 112621
Ion Ratio Lower Upper
65 100
67 55.8 0.0 111.0

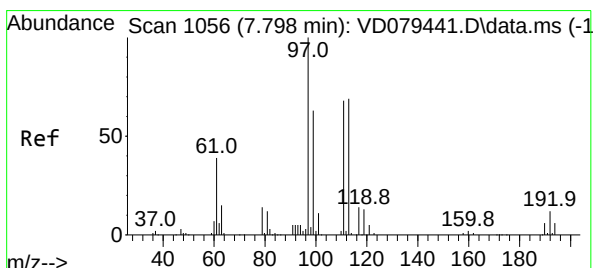
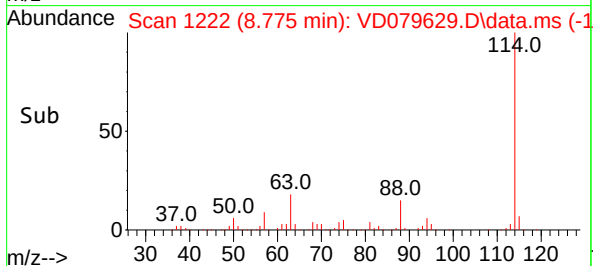
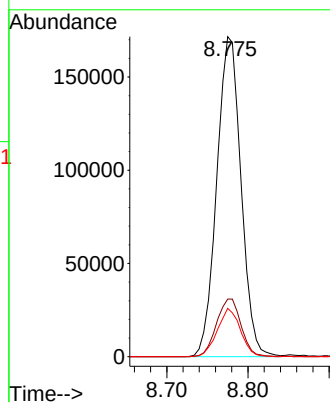
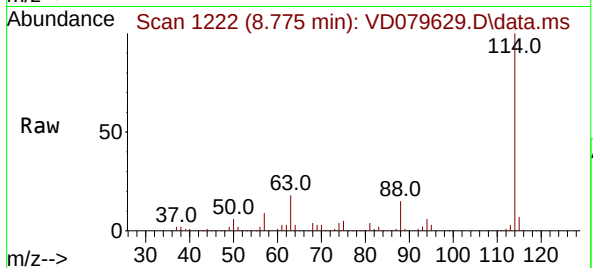




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079629.D
Acq: 06 Aug 2024 18:06

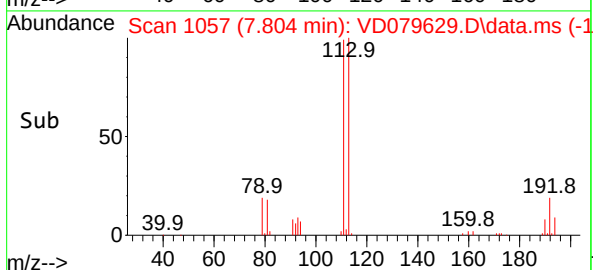
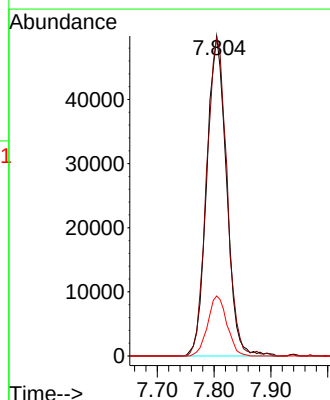
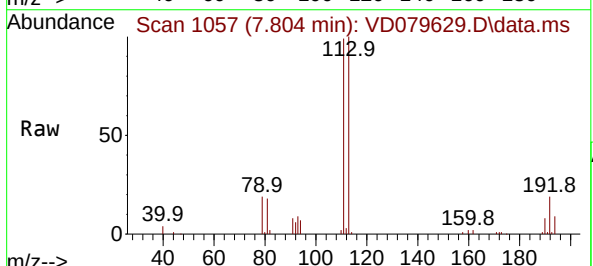
Instrument :
MSVOA_D
ClientSampleId :
TP7RE

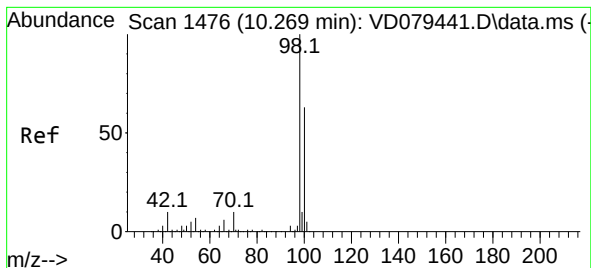
Tgt Ion:114 Resp: 356802
Ion Ratio Lower Upper
114 100
63 18.0 0.0 34.0
88 15.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.804 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079629.D
Acq: 06 Aug 2024 18:06

Tgt Ion:113 Resp: 120277
Ion Ratio Lower Upper
113 100
111 102.1 84.0 126.0
192 18.2 15.4 23.0

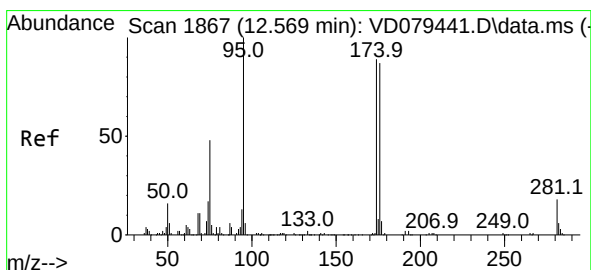
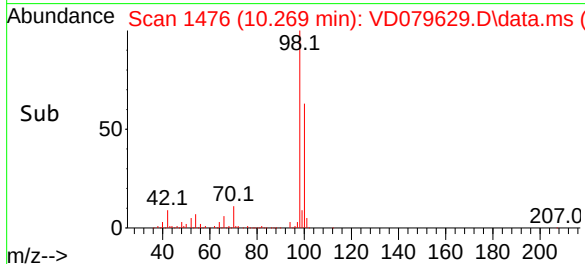
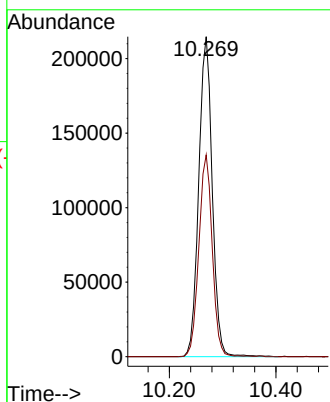
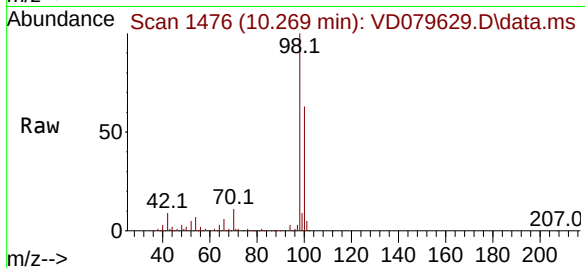




#50
Toluene-d8
Concen: 40.273 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079629.D
Acq: 06 Aug 2024 18:06

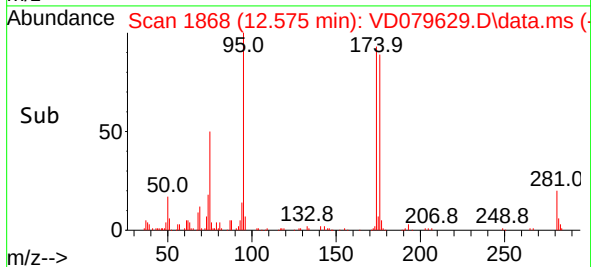
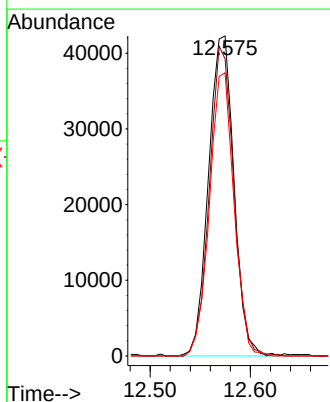
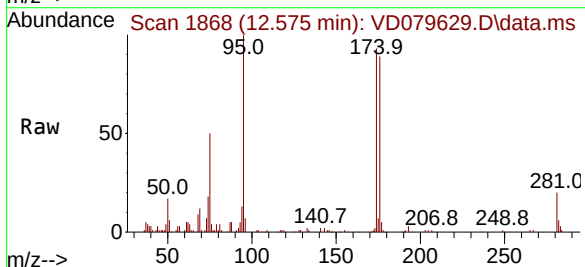
Instrument :
MSVOA_D
ClientSampleId :
TP7RE

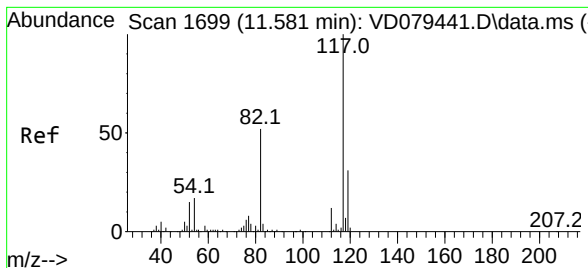
Tgt Ion: 98 Resp: 377695
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 27.414 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079629.D
Acq: 06 Aug 2024 18:06

Tgt Ion: 95 Resp: 74398
Ion Ratio Lower Upper
95 100
174 93.1 0.0 195.4
176 85.4 0.0 192.6

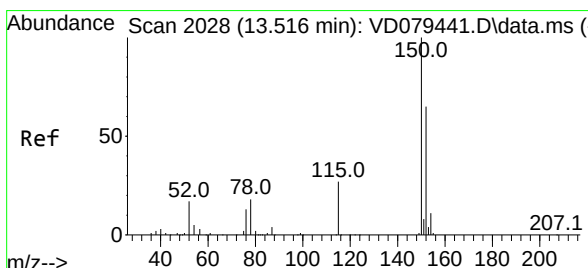
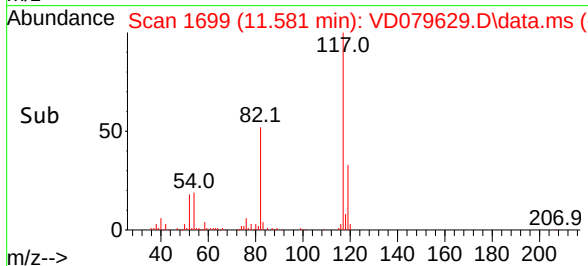
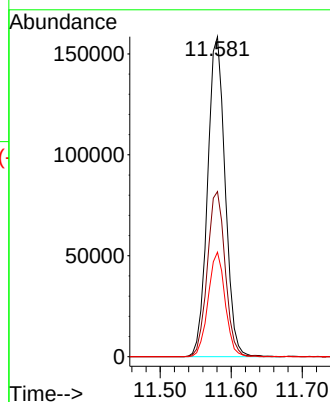
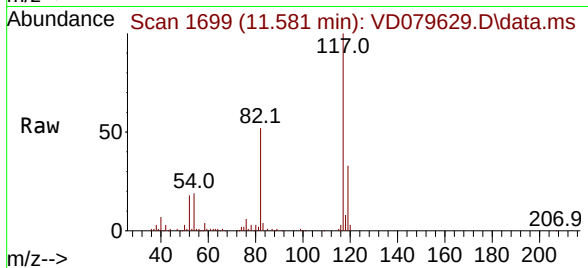




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079629.D
Acq: 06 Aug 2024 18:06

Instrument :
MSVOA_D
ClientSampleId :
TP7RE

Tgt Ion:117 Resp: 272133
Ion Ratio Lower Upper
117 100
82 51.6 39.8 59.6
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079629.D
Acq: 06 Aug 2024 18:06

Tgt Ion:152 Resp: 81889
Ion Ratio Lower Upper
152 100
115 57.5 26.5 79.5
150 158.1 0.0 341.6

