

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079298.D
 Acq On : 01 Jul 2024 16:13
 Operator : RP/MD
 Sample : P3077-01
 Misc : 8.20G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1-N-1

Quant Time: Jul 02 05:58:55 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)

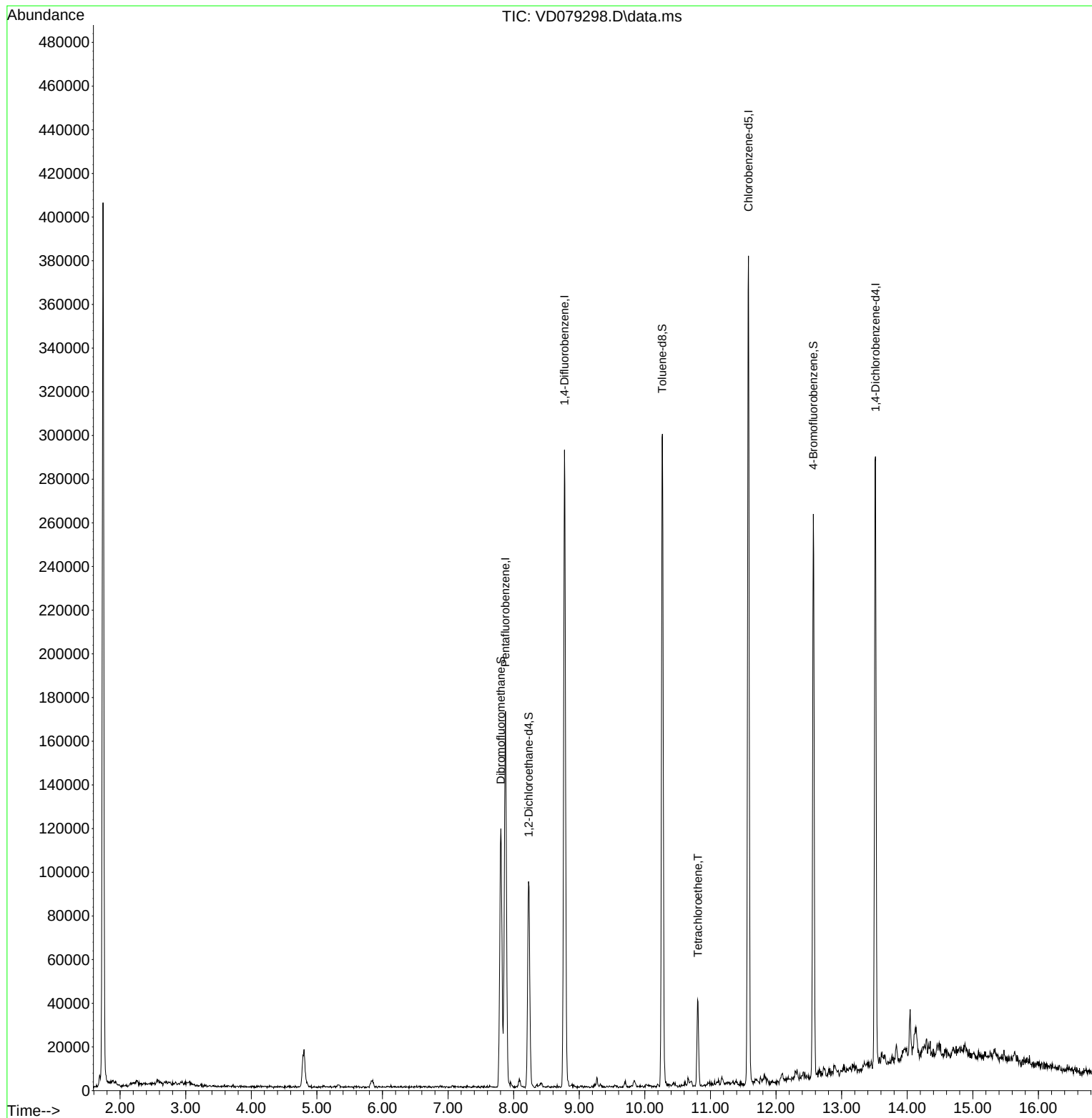
Internal Standards						
1) Pentafluorobenzene	7.875	168	119484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	256744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75156	65.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.200%
35) Dibromofluoromethane	7.804	113	87944	52.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.263	98	217815	35.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.860%
62) 4-Bromofluorobenzene	12.569	95	81361	41.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.700%
Target Compounds						
64) Tetrachloroethene	10.810	164	8378	6.044	ug/l	Qvalue 86

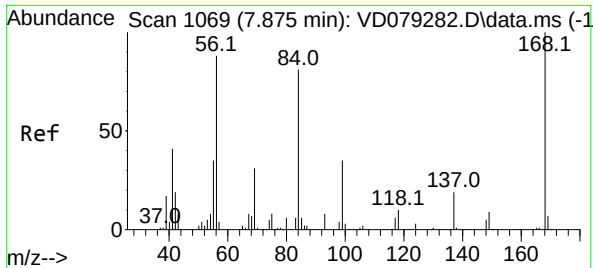
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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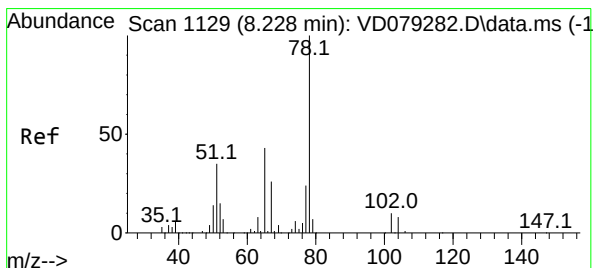
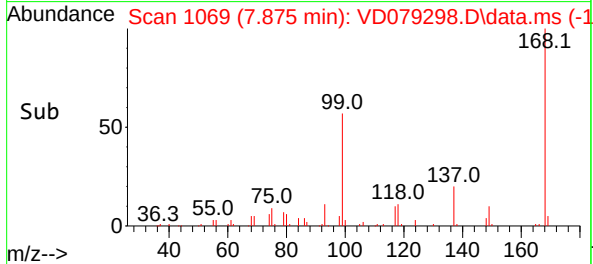
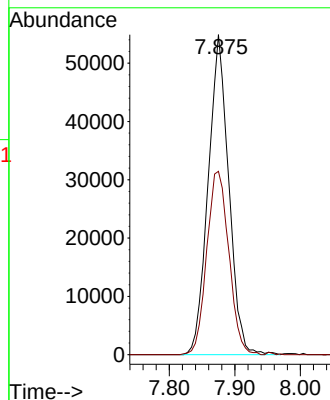
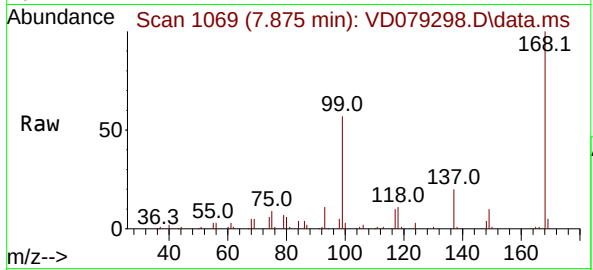




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

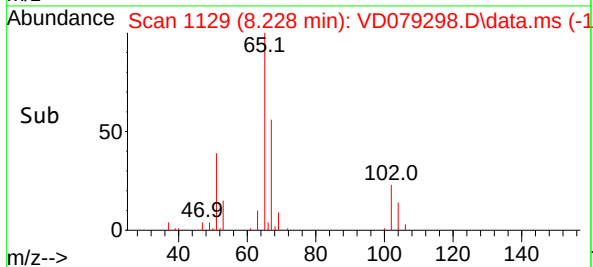
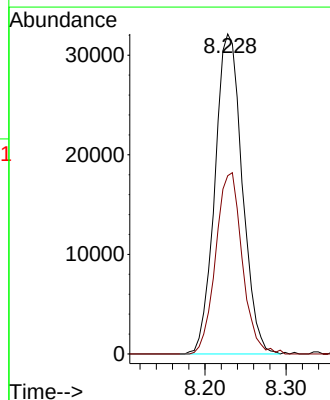
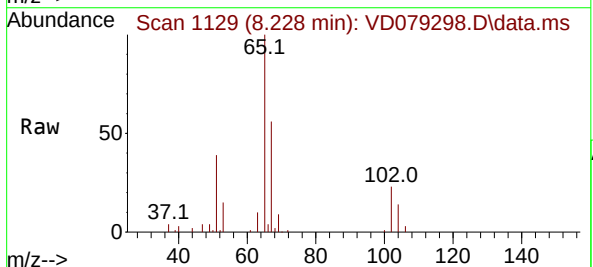
Instrument :
MSVOA_D
ClientSampleId :
1-N-1

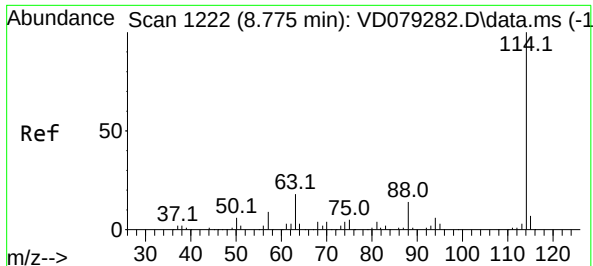
Tgt Ion:168 Resp: 119484
Ion Ratio Lower Upper
168 100
99 57.3 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 65.598 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

Tgt Ion: 65 Resp: 75156
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.0

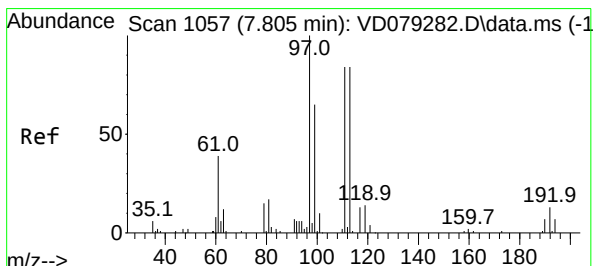
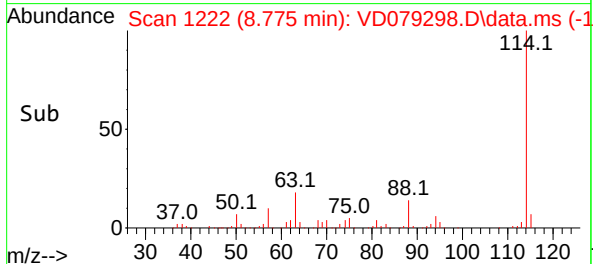
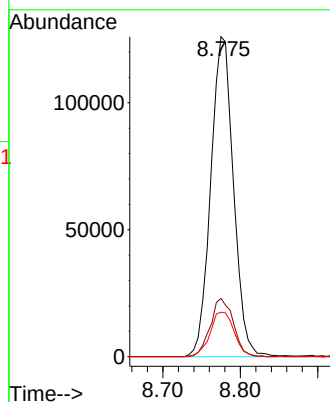
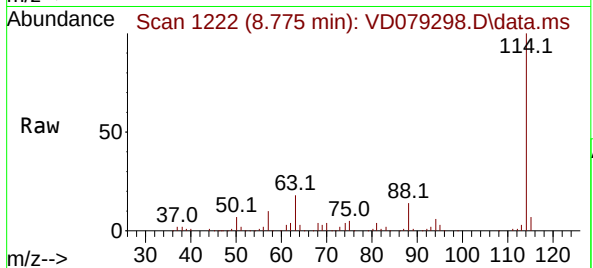




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

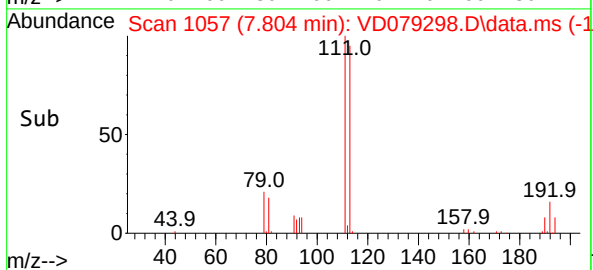
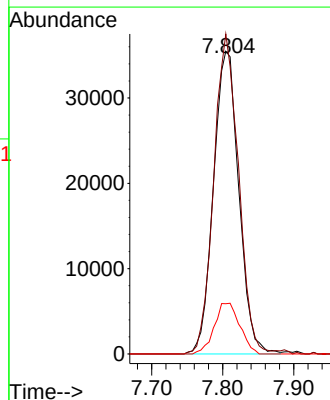
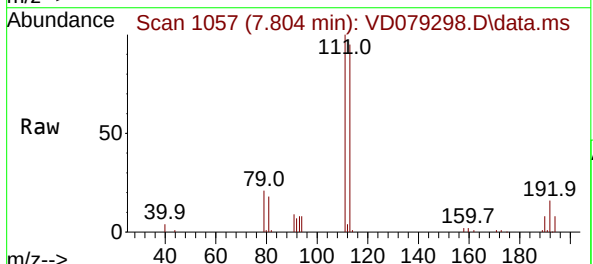
Instrument :
MSVOA_D
ClientSampleId :
1-N-1

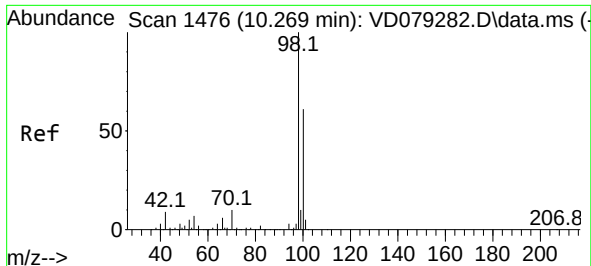
Tgt Ion:114 Resp: 256744
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.184 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

Tgt Ion:113 Resp: 87944
Ion Ratio Lower Upper
113 100
111 102.9 84.0 126.0
192 16.9 15.4 23.0

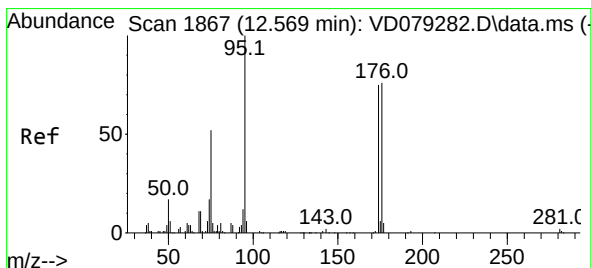
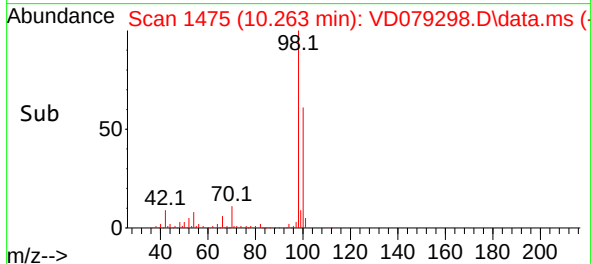
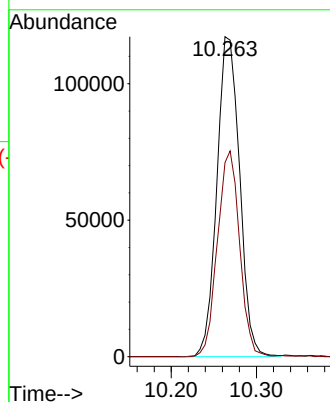
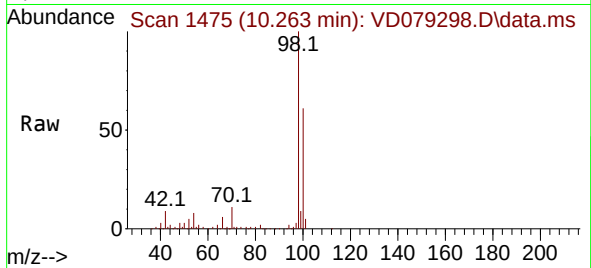




#50
Toluene-d8
Concen: 35.927 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

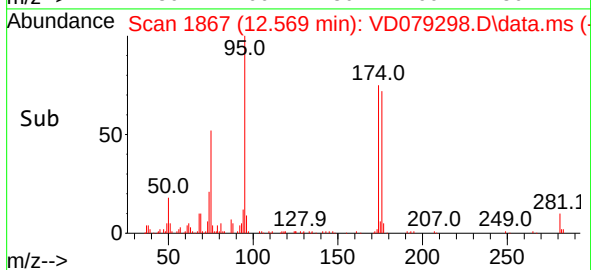
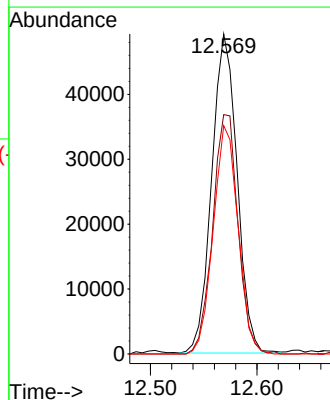
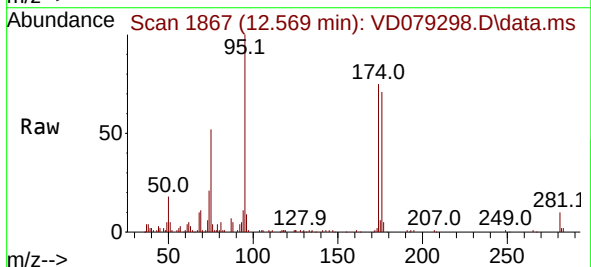
Instrument :
MSVOA_D
ClientSampleId :
1-N-1

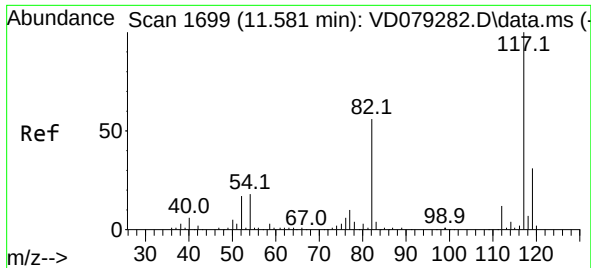
Tgt Ion: 98 Resp: 217815
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.850 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

Tgt Ion: 95 Resp: 81361
Ion Ratio Lower Upper
95 100
174 74.9 0.0 195.4
176 70.1 0.0 192.6

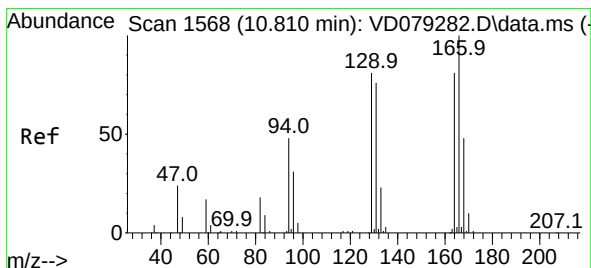
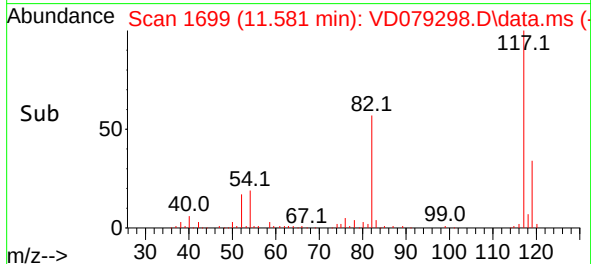
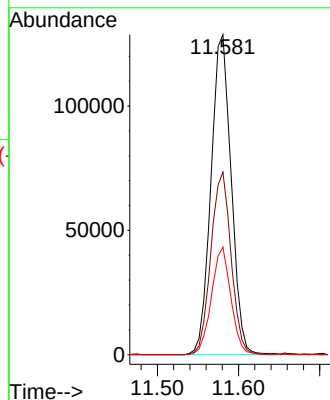
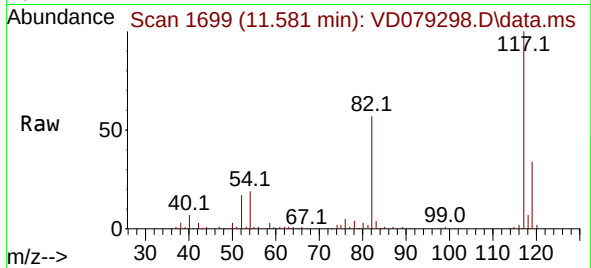




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

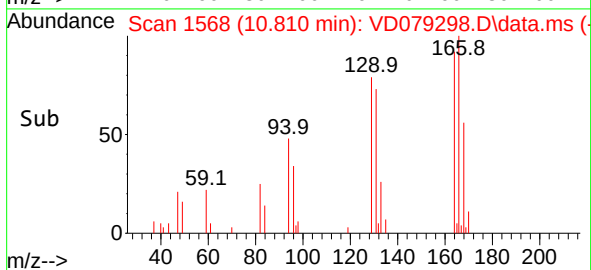
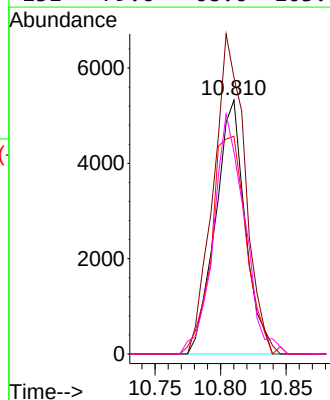
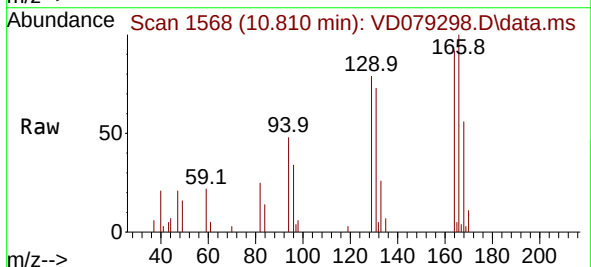
Instrument :
MSVOA_D
ClientSampleId :
1-N-1

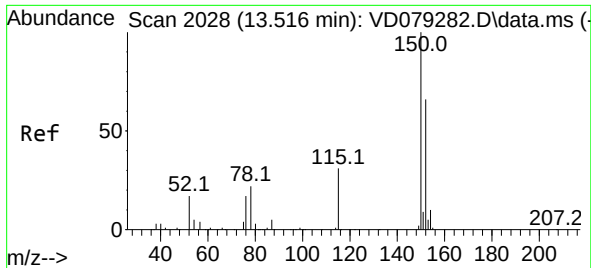
Tgt Ion:117 Resp: 222488
Ion Ratio Lower Upper
117 100
82 57.0 39.8 59.6
119 33.6 25.7 38.5



#64
Tetrachloroethene
Concen: 6.044 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

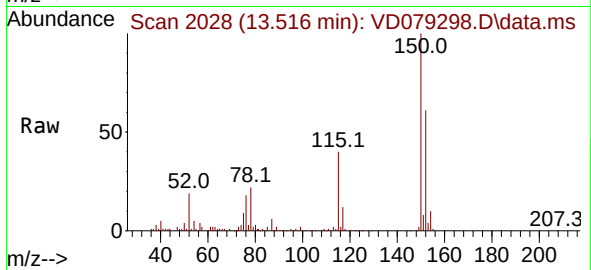
Tgt Ion:164 Resp: 8378
Ion Ratio Lower Upper
164 100
166 109.0 108.6 163.0
129 85.8 74.6 112.0
131 79.6 68.6 103.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079298.D
 Acq: 01 Jul 2024 16:13

Instrument :
 MSVOA_D
 ClientSampleId :
 1-N-1



Tgt Ion:152 Resp: 76576
 Ion Ratio Lower Upper
 152 100
 115 64.0 26.5 79.5
 150 157.2 0.0 341.6

