

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076816.D
 Acq On : 26 Jul 2023 20:06
 Operator : KP/SY
 Sample : 03769-13
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P31A

Quant Time: Jul 27 04:26:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	55247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	119214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	120636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	52678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45156	82.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.120%#
35) Dibromofluoromethane	7.804	113	46176	61.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.280%
50) Toluene-d8	10.269	98	146004	54.479	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.960%
62) 4-Bromofluorobenzene	12.575	95	44458	51.279	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.560%

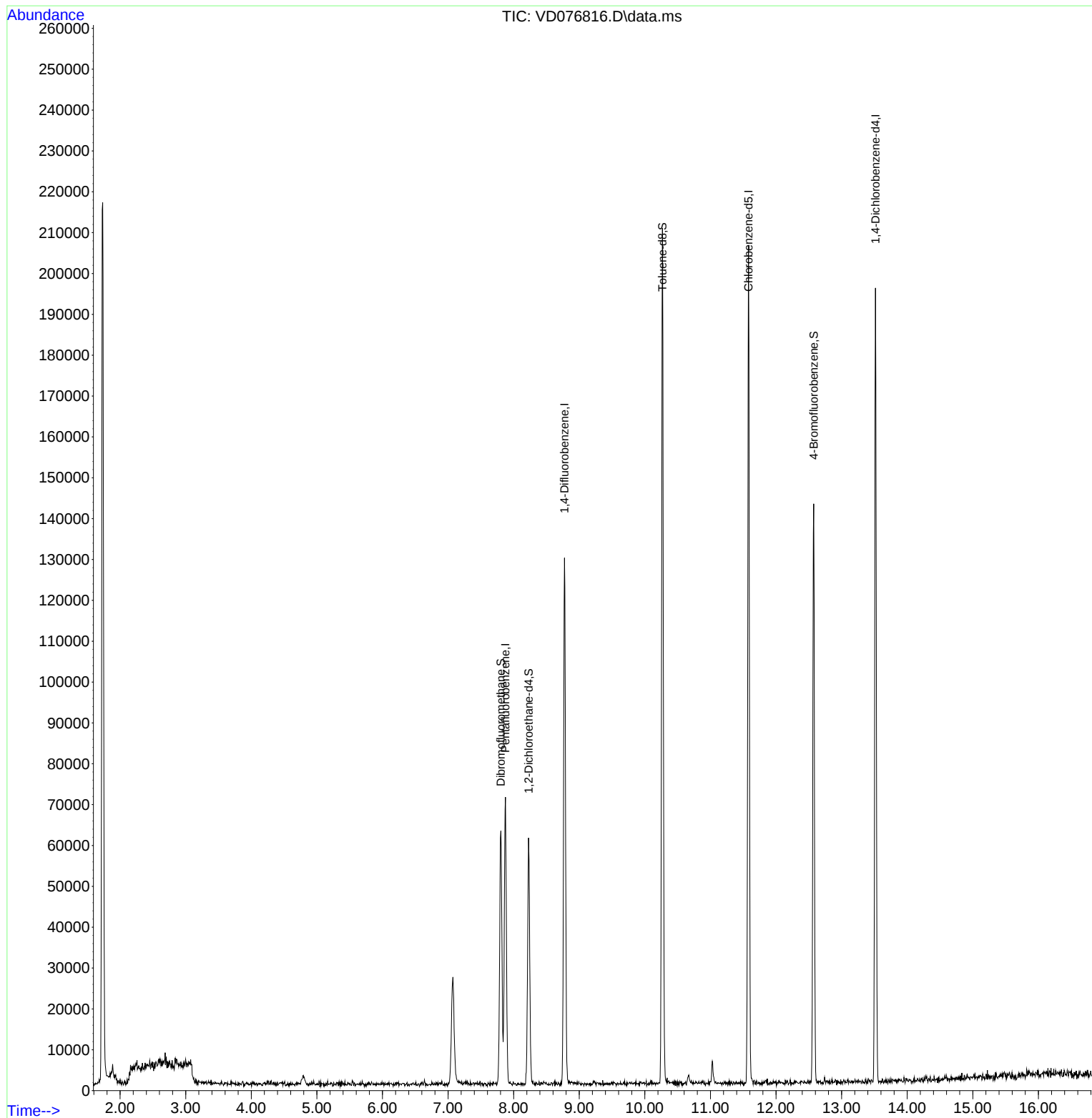
Target Compounds	Qvalue

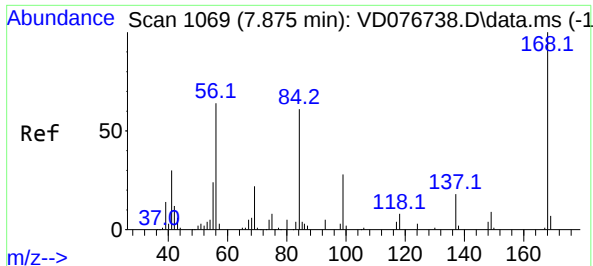
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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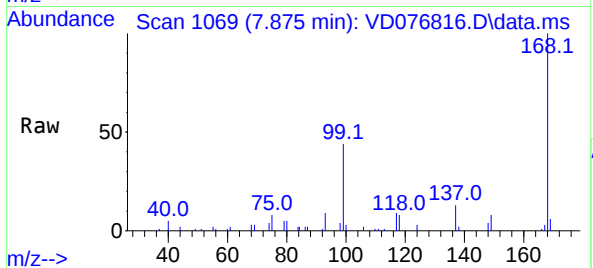
Quant Time: Jul 27 04:26:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
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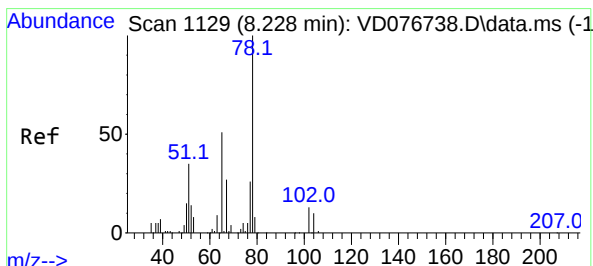
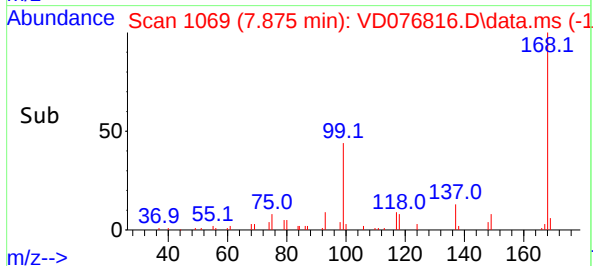
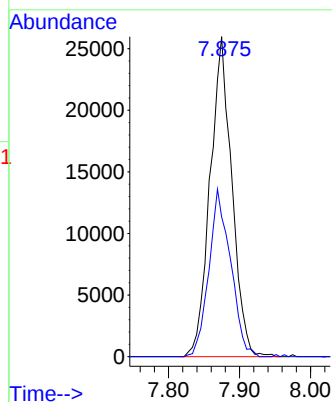


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076816.D
Acq: 26 Jul 2023 20:06

Instrument :
MSVOA_D
ClientSampleId :
B-P31A

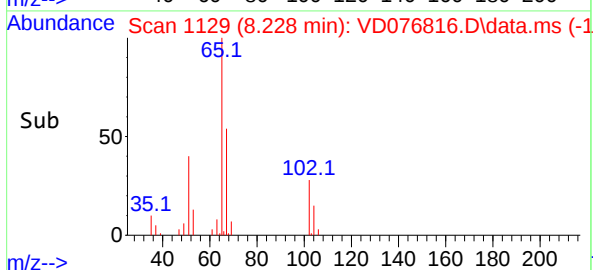
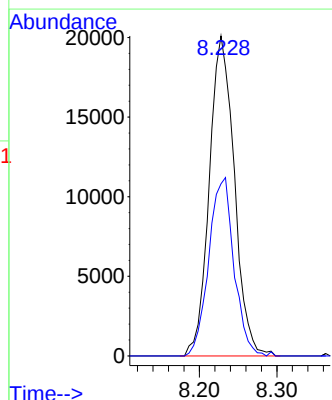
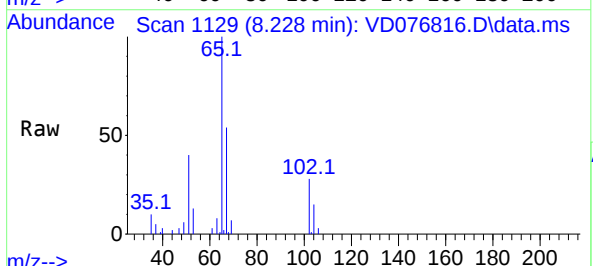


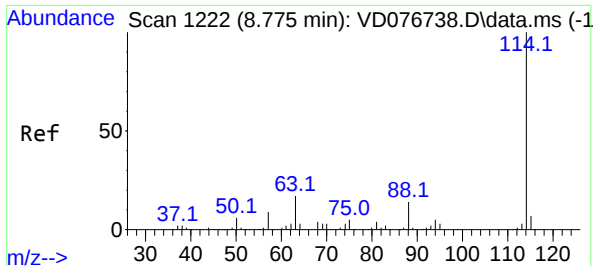
Tgt Ion:168 Resp: 55247
Ion Ratio Lower Upper
168 100
99 43.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 82.060 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076816.D
Acq: 26 Jul 2023 20:06

Tgt Ion: 65 Resp: 45156
Ion Ratio Lower Upper
65 100
67 55.9 0.0 115.0

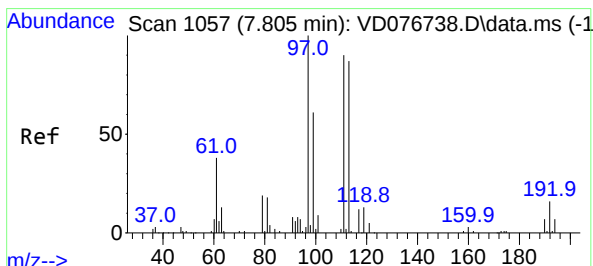
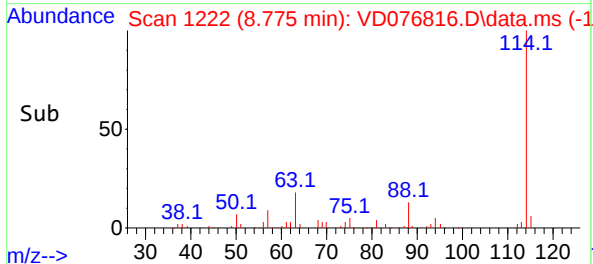
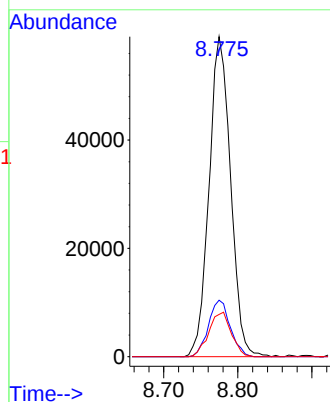
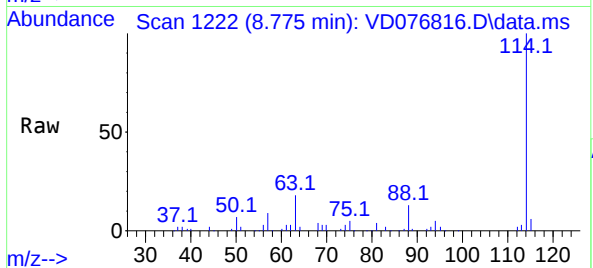




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076816.D
Acq: 26 Jul 2023 20:06

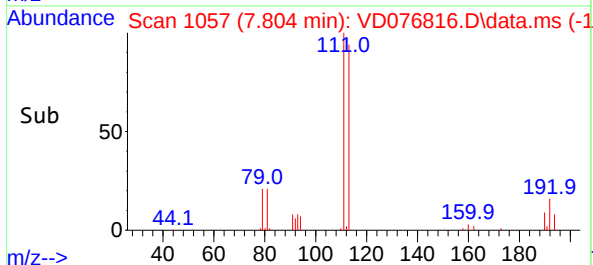
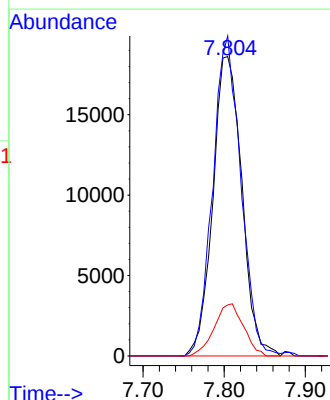
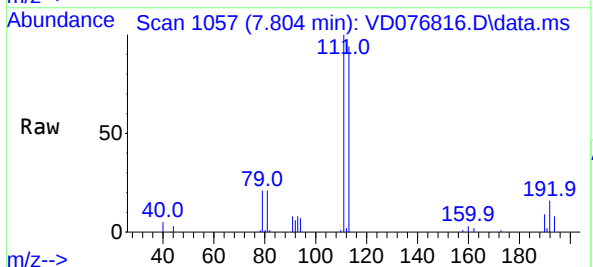
Instrument :
MSVOA_D
ClientSampleId :
B-P31A

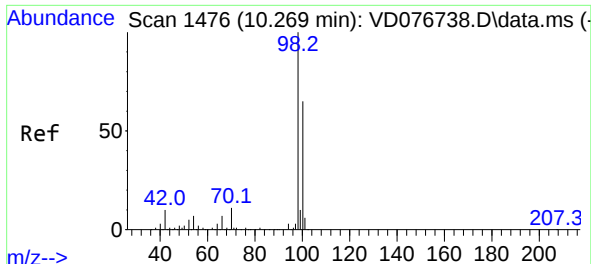
Tgt Ion:114 Resp: 119214
Ion Ratio Lower Upper
114 100
63 17.6 0.0 33.4
88 13.2 0.0 26.2



#35
Dibromofluoromethane
Concen: 61.638 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076816.D
Acq: 26 Jul 2023 20:06

Tgt Ion:113 Resp: 46176
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 17.6 16.8 25.2

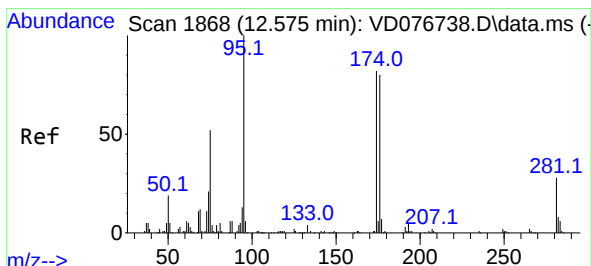
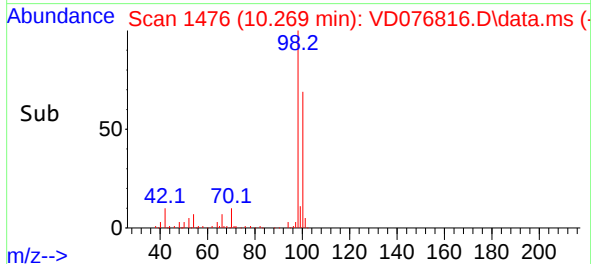
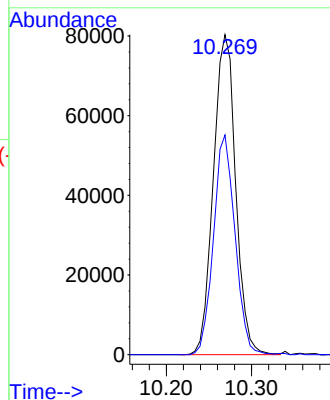
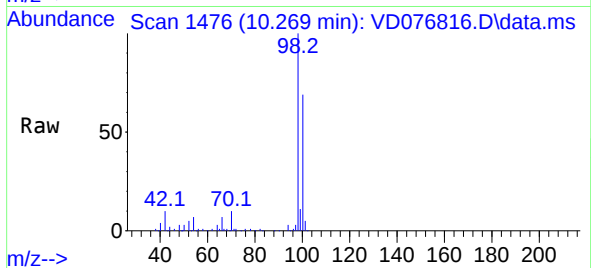




#50
Toluene-d8
Concen: 54.479 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076816.D
Acq: 26 Jul 2023 20:06

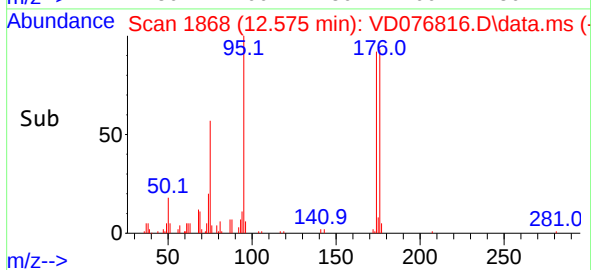
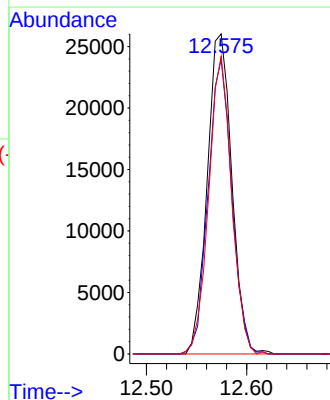
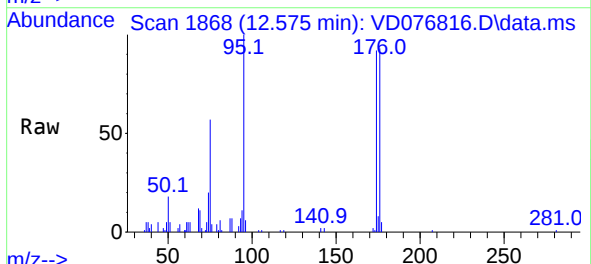
Instrument :
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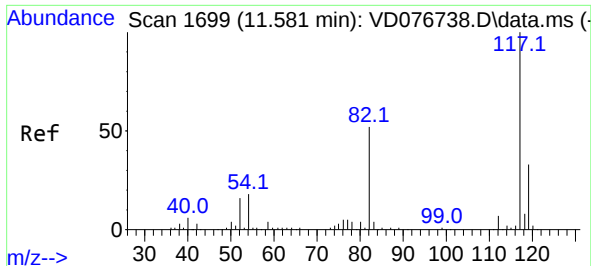
Tgt Ion: 98 Resp: 146004
Ion Ratio Lower Upper
98 100
100 66.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.279 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076816.D
Acq: 26 Jul 2023 20:06

Tgt Ion: 95 Resp: 44458
Ion Ratio Lower Upper
95 100
174 88.7 0.0 201.8
176 86.5 0.0 191.8

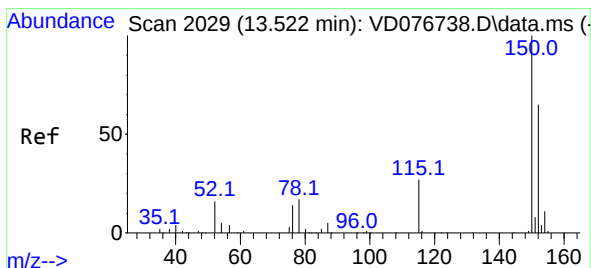
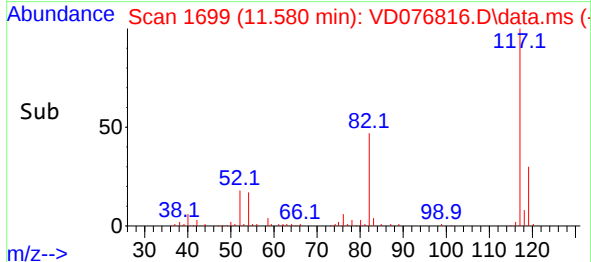
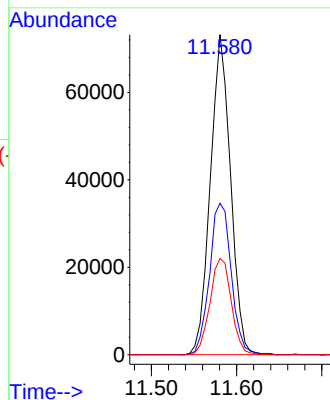
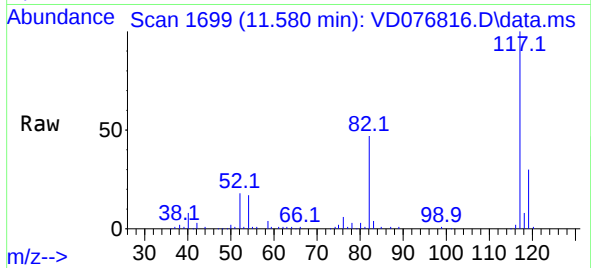




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076816.D
Acq: 26 Jul 2023 20:06

Instrument :
MSVOA_D
ClientSampleId :
B-P31A

Tgt Ion:117 Resp: 120636
Ion Ratio Lower Upper
117 100
82 47.3 38.3 57.5
119 30.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076816.D
Acq: 26 Jul 2023 20:06

Tgt Ion:152 Resp: 52678
Ion Ratio Lower Upper
152 100
115 59.6 27.1 81.3
150 159.2 0.0 353.6

