

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076727.D
 Acq On : 12 Jul 2023 12:13
 Operator : KP/SY
 Sample : 03570-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-071023

Quant Time: Jul 12 12:33:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	18787	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	36993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	16968	90.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	180.300%#
35) Dibromofluoromethane	7.810	113	13493	61.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.800%
50) Toluene-d8	10.269	98	36447	43.731	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.460%
62) 4-Bromofluorobenzene	12.575	95	13562	50.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.280%

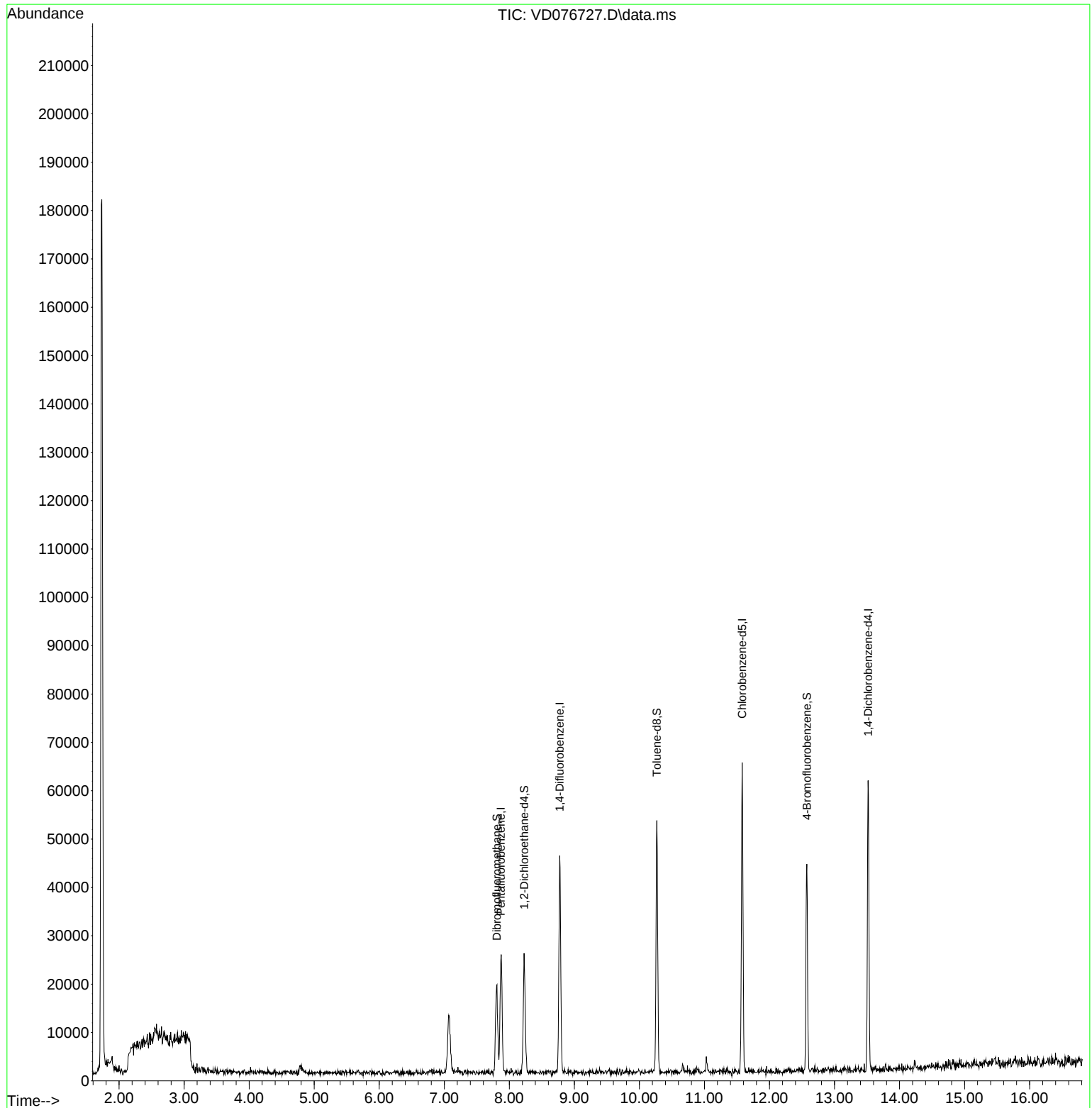
Target Compounds	Qvalue

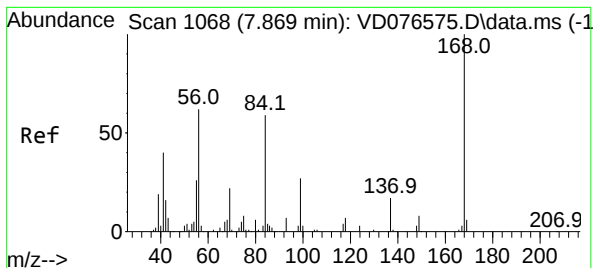
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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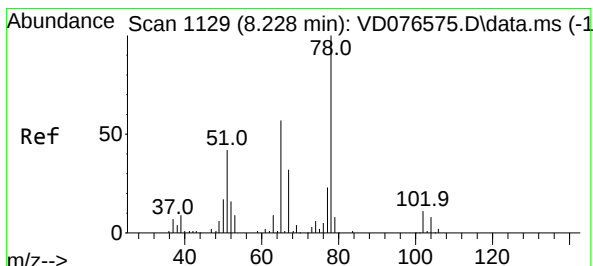
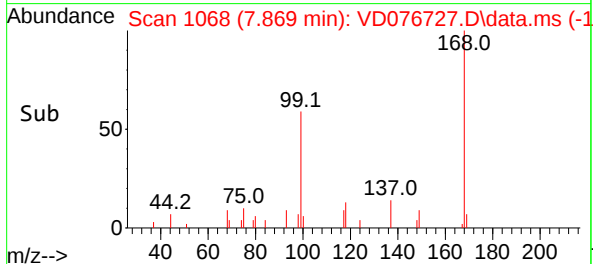
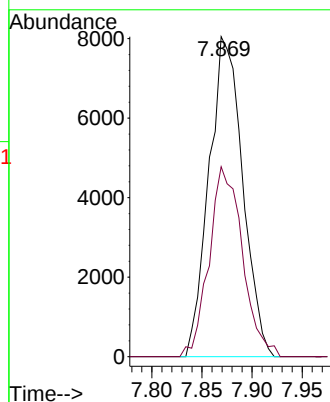
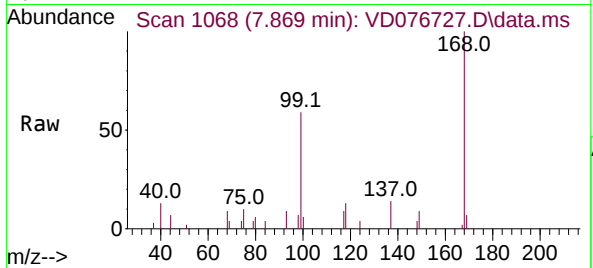




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076727.D
Acq: 12 Jul 2023 12:13

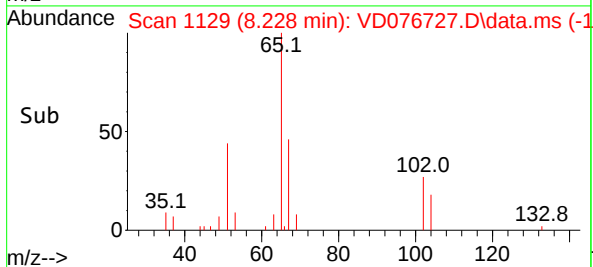
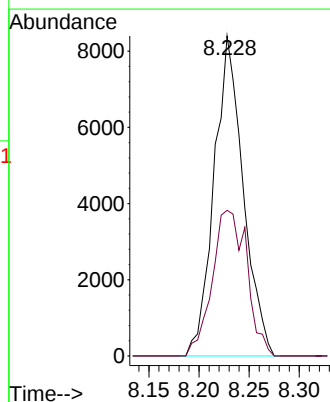
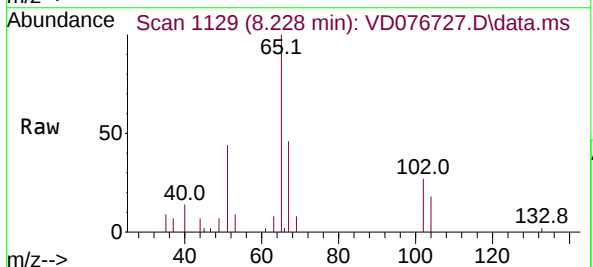
Instrument :
MSVOA_D
ClientSampleId :
EO-03-071023

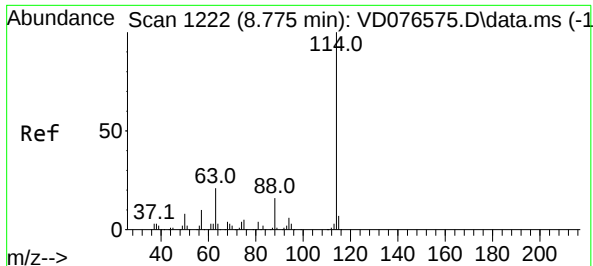
Tgt Ion:168 Resp: 18787
Ion Ratio Lower Upper
168 100
99 59.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 90.145 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076727.D
Acq: 12 Jul 2023 12:13

Tgt Ion: 65 Resp: 16968
Ion Ratio Lower Upper
65 100
67 54.0 0.0 115.0

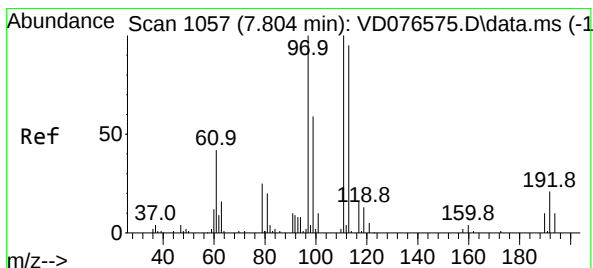
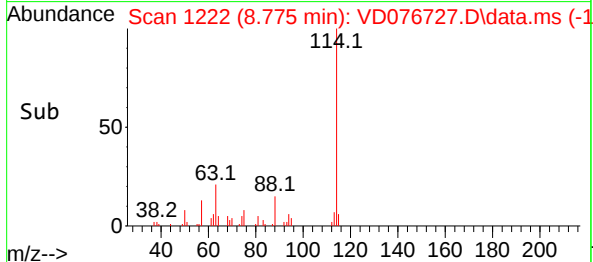
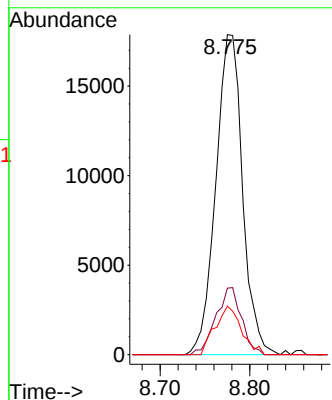
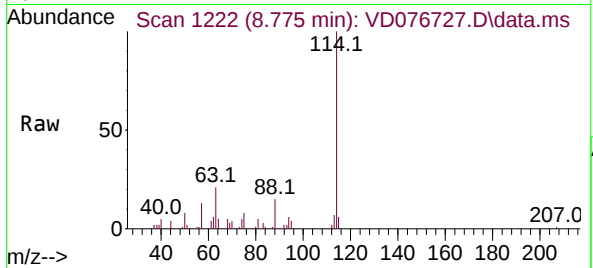




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076727.D
Acq: 12 Jul 2023 12:13

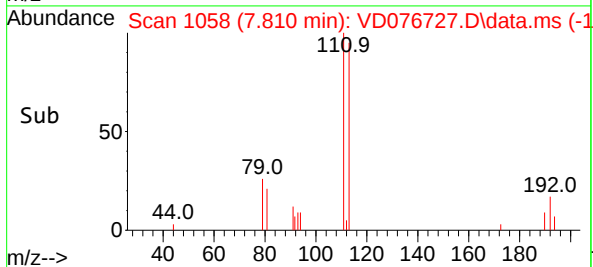
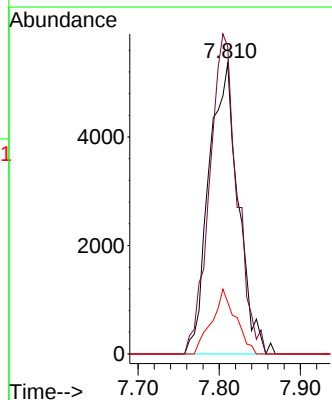
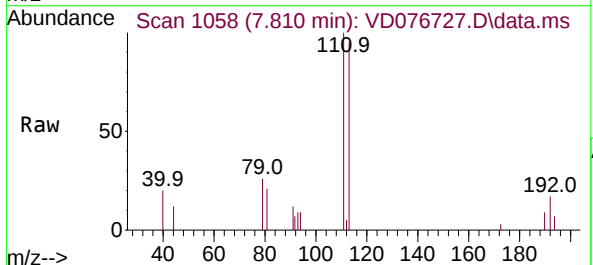
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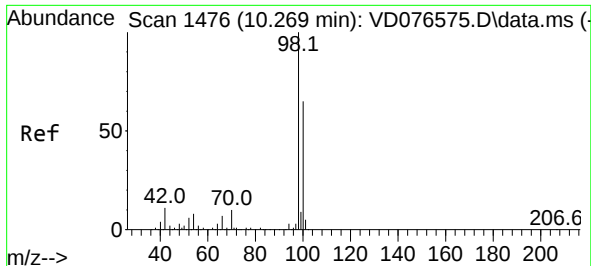
Tgt Ion:	114	Resp:	36993
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	33.4
88	15.2	0.0	26.2



#35
Dibromofluoromethane
Concen: 61.398 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD076727.D
Acq: 12 Jul 2023 12:13

Tgt Ion:	113	Resp:	13493
Ion	Ratio	Lower	Upper
113	100		
111	103.2	84.7	127.1
192	18.1	16.8	25.2

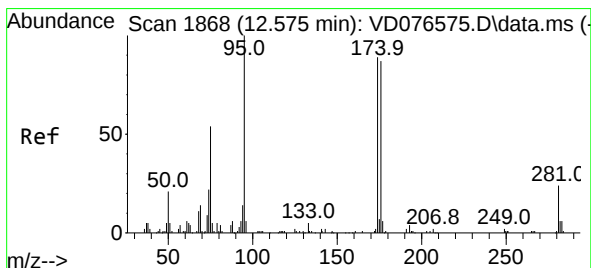
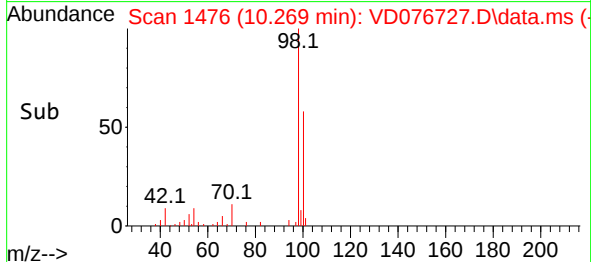
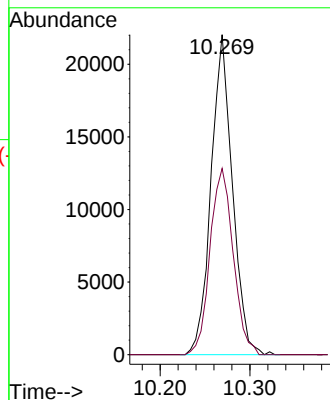
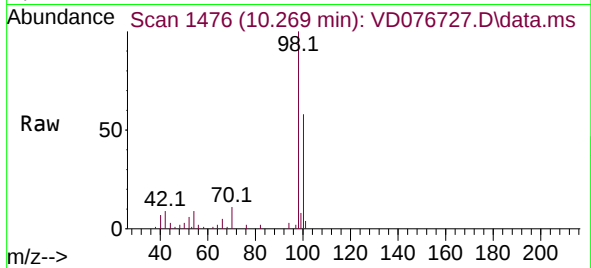




#50
Toluene-d8
Concen: 43.731 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076727.D
Acq: 12 Jul 2023 12:13

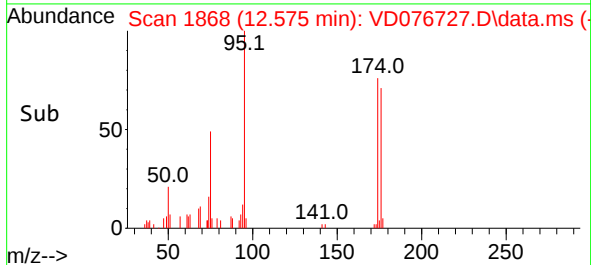
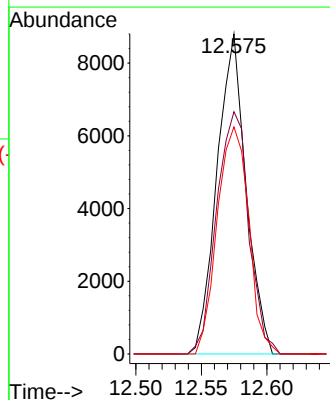
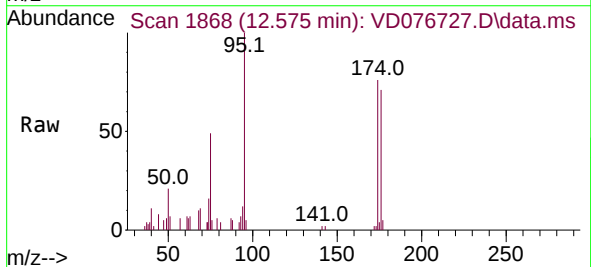
Instrument :
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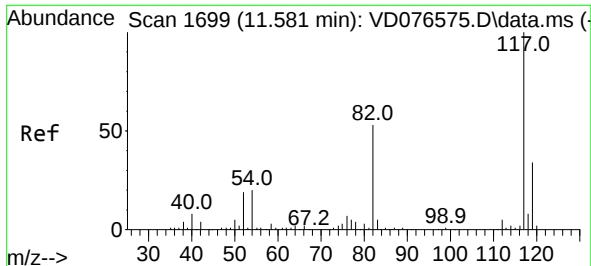
Tgt Ion: 98 Resp: 36447
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.139 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076727.D
Acq: 12 Jul 2023 12:13

Tgt Ion: 95 Resp: 13562
Ion Ratio Lower Upper
95 100
174 83.7 0.0 201.8
176 76.7 0.0 191.8

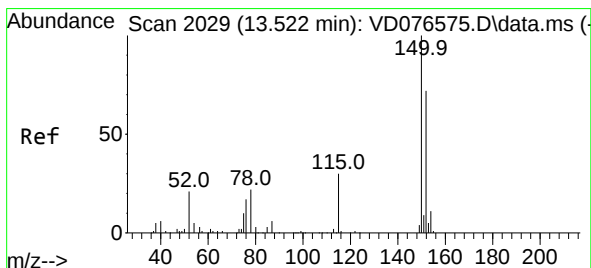
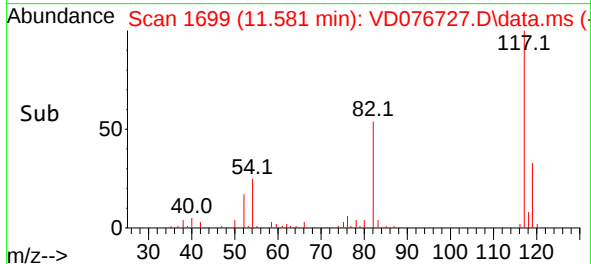
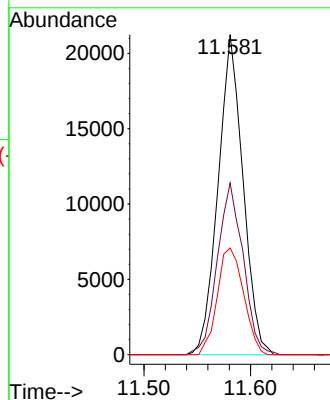
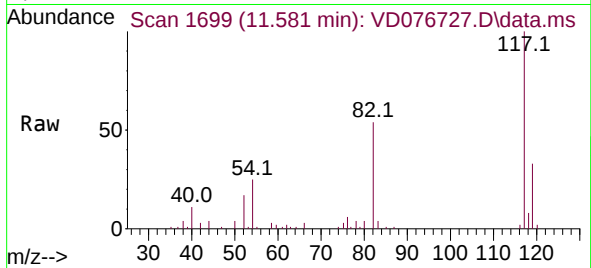




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD076727.D
Acq: 12 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
EO-03-071023

Tgt Ion:117 Resp: 34484
Ion Ratio Lower Upper
117 100
82 53.7 38.3 57.5
119 33.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076727.D
Acq: 12 Jul 2023 12:13

Tgt Ion:152 Resp: 15067
Ion Ratio Lower Upper
152 100
115 61.9 27.1 81.3
150 162.2 0.0 353.6

