

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077974.D
 Acq On : 19 Dec 2023 15:19
 Operator : RP/MD
 Sample : 05883-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-121523

Quant Time: Dec 20 02:05:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	91831	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	169637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	174119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	80608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58489	54.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.100%
35) Dibromofluoromethane	7.810	113	57084	48.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.269	98	219304	46.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.160%
62) 4-Bromofluorobenzene	12.575	95	70126	49.286	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.580%

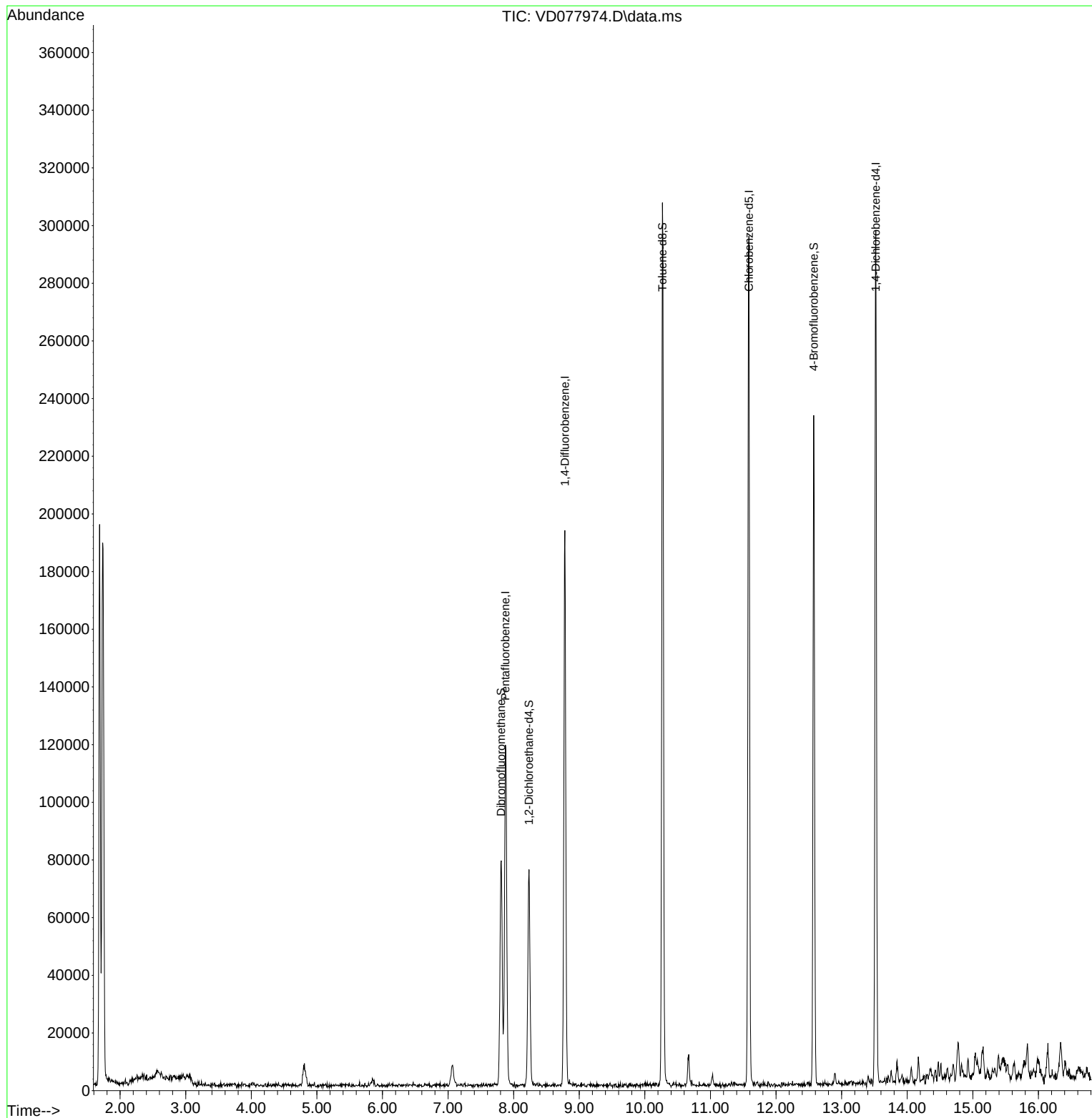
Target Compounds	Qvalue

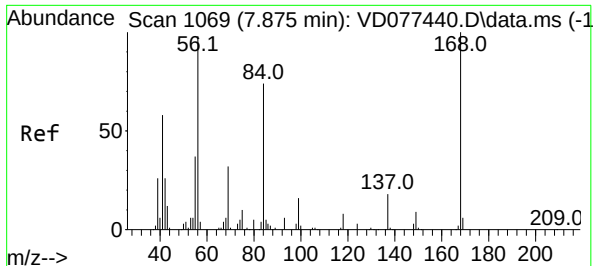
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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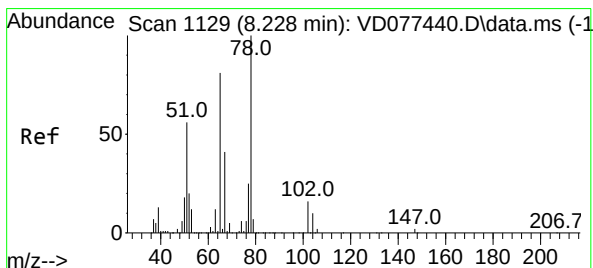
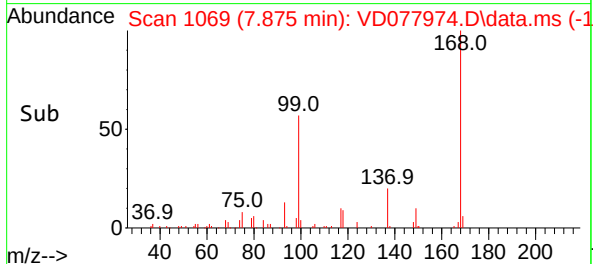
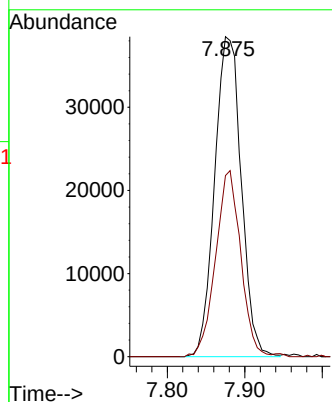
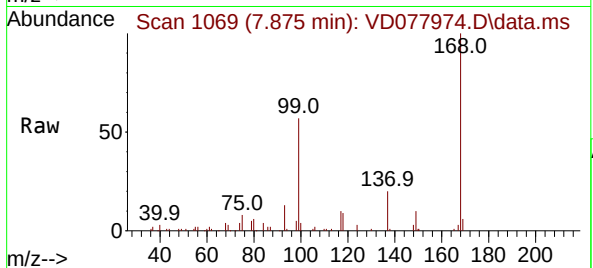




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077974.D
Acq: 19 Dec 2023 15:19

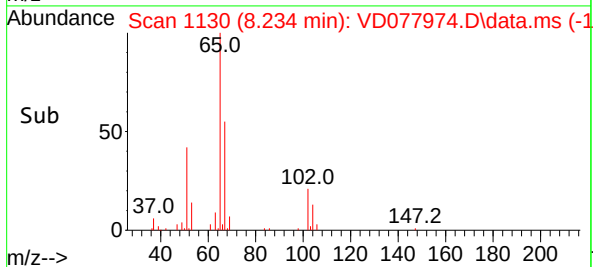
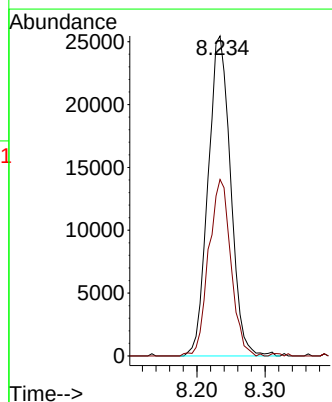
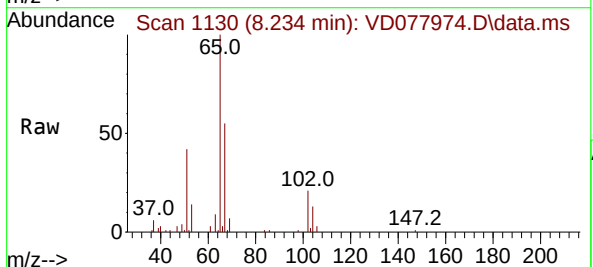
Instrument :
MSVOA_D
ClientSampleId :
EO-01-121523

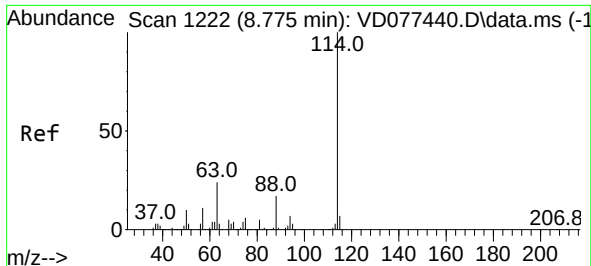
Tgt Ion:168 Resp: 91831
Ion Ratio Lower Upper
168 100
99 56.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 54.052 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077974.D
Acq: 19 Dec 2023 15:19

Tgt Ion: 65 Resp: 58489
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0

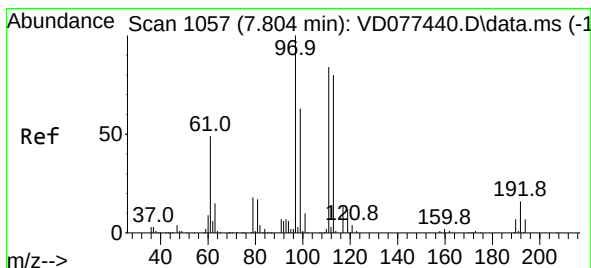
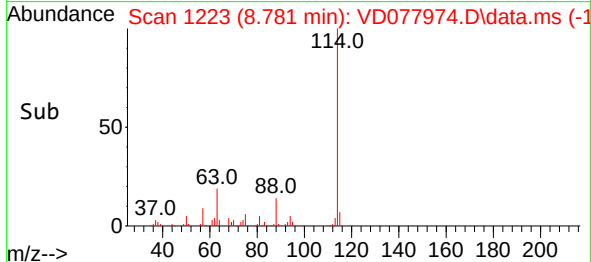
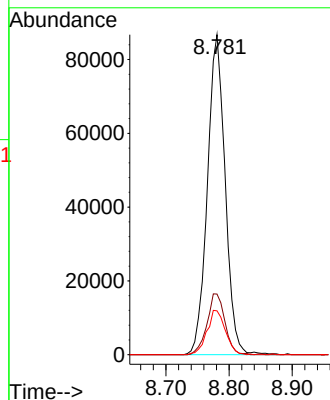
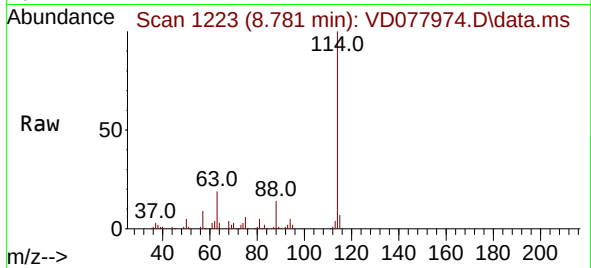




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077974.D
Acq: 19 Dec 2023 15:19

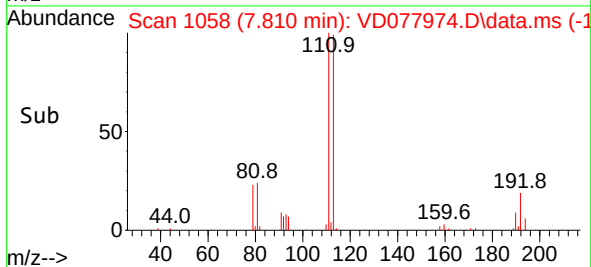
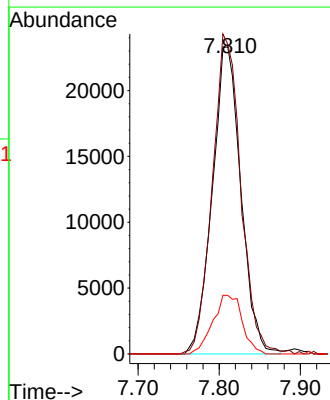
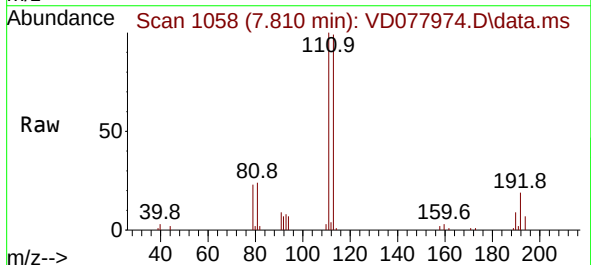
Instrument :
MSVOA_D
ClientSampleId :
EO-01-121523

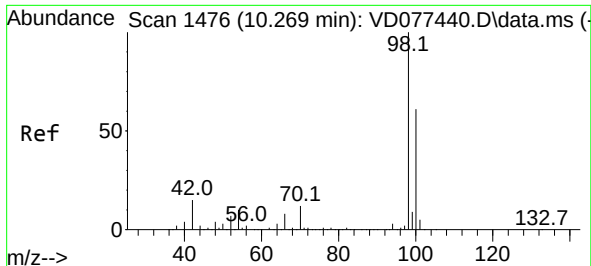
Tgt Ion:114 Resp: 169637
Ion Ratio Lower Upper
114 100
63 18.9 0.0 33.4
88 13.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.040 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077974.D
Acq: 19 Dec 2023 15:19

Tgt Ion:113 Resp: 57084
Ion Ratio Lower Upper
113 100
111 103.5 84.7 127.1
192 19.6 16.8 25.2

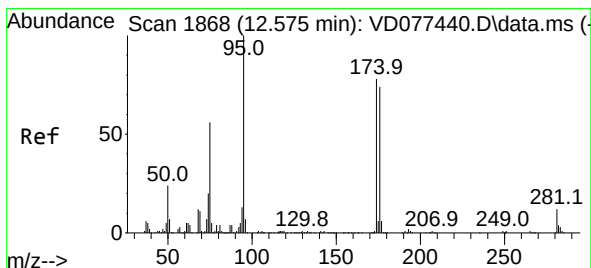
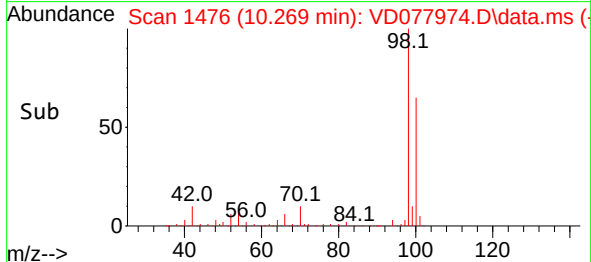
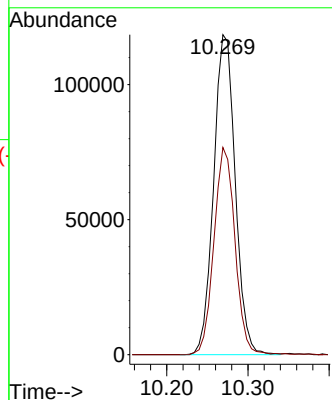
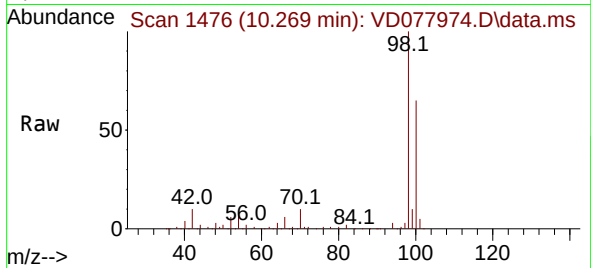




#50
Toluene-d8
Concen: 46.081 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077974.D
Acq: 19 Dec 2023 15:19

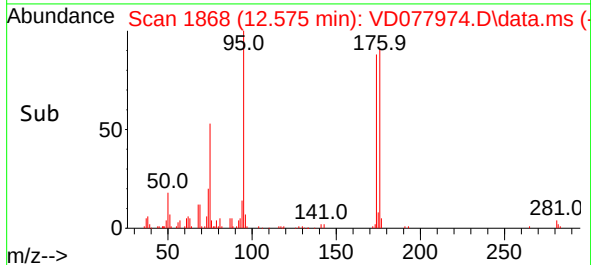
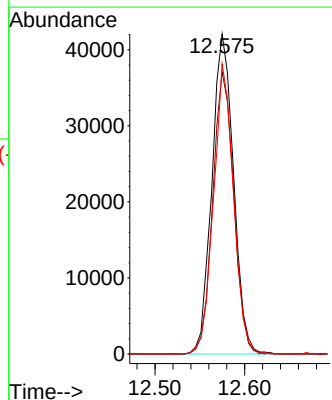
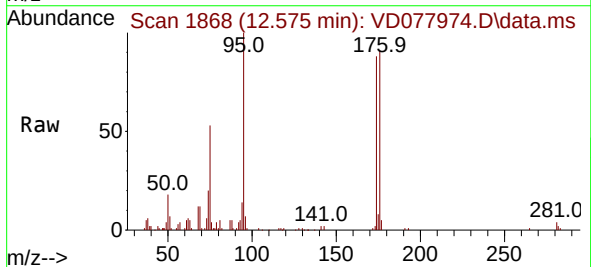
Instrument :
MSVOA_D
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EO-01-121523

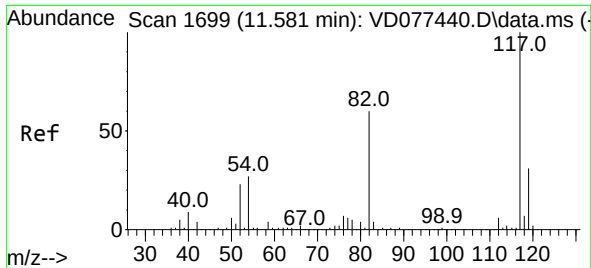
Tgt Ion: 98 Resp: 219304
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.286 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077974.D
Acq: 19 Dec 2023 15:19

Tgt Ion: 95 Resp: 70126
Ion Ratio Lower Upper
95 100
174 86.7 0.0 201.8
176 84.0 0.0 191.8

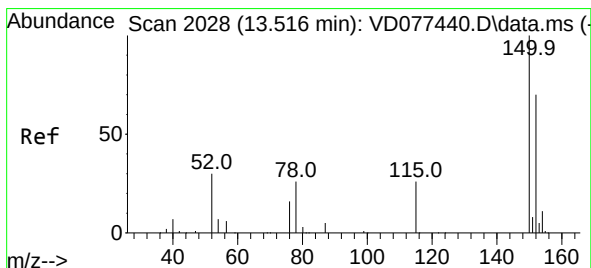
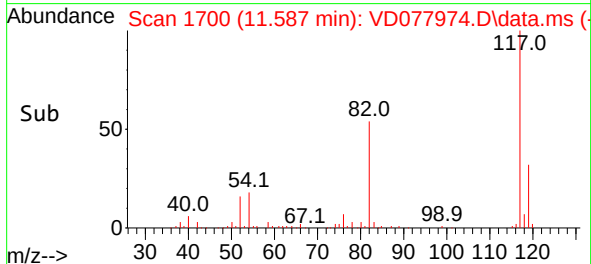
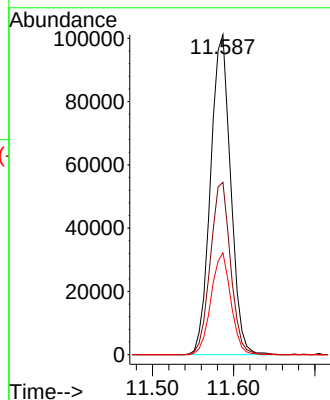
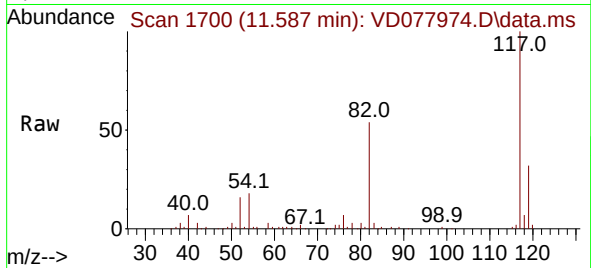




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077974.D
Acq: 19 Dec 2023 15:19

Instrument :
MSVOA_D
ClientSampleId :
EO-01-121523

Tgt Ion:117 Resp: 174119
Ion Ratio Lower Upper
117 100
82 53.9 38.3 57.5
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077974.D
Acq: 19 Dec 2023 15:19

Tgt Ion:152 Resp: 80608
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 157.7 0.0 353.6

