

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077423.D
 Acq On : 25 Oct 2023 19:18
 Operator : JC/SY
 Sample : 05027-04
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 H-DRUMS-SOLID

Quant Time: Oct 26 07:03:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	5092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	10375	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.581	117	9027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	2390	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4850	106.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	213.340%#
35) Dibromofluoromethane	7.804	113	5227	71.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.420%
50) Toluene-d8	10.269	98	8529	32.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.340%
62) 4-Bromofluorobenzene	12.575	95	2417	32.166	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.340%

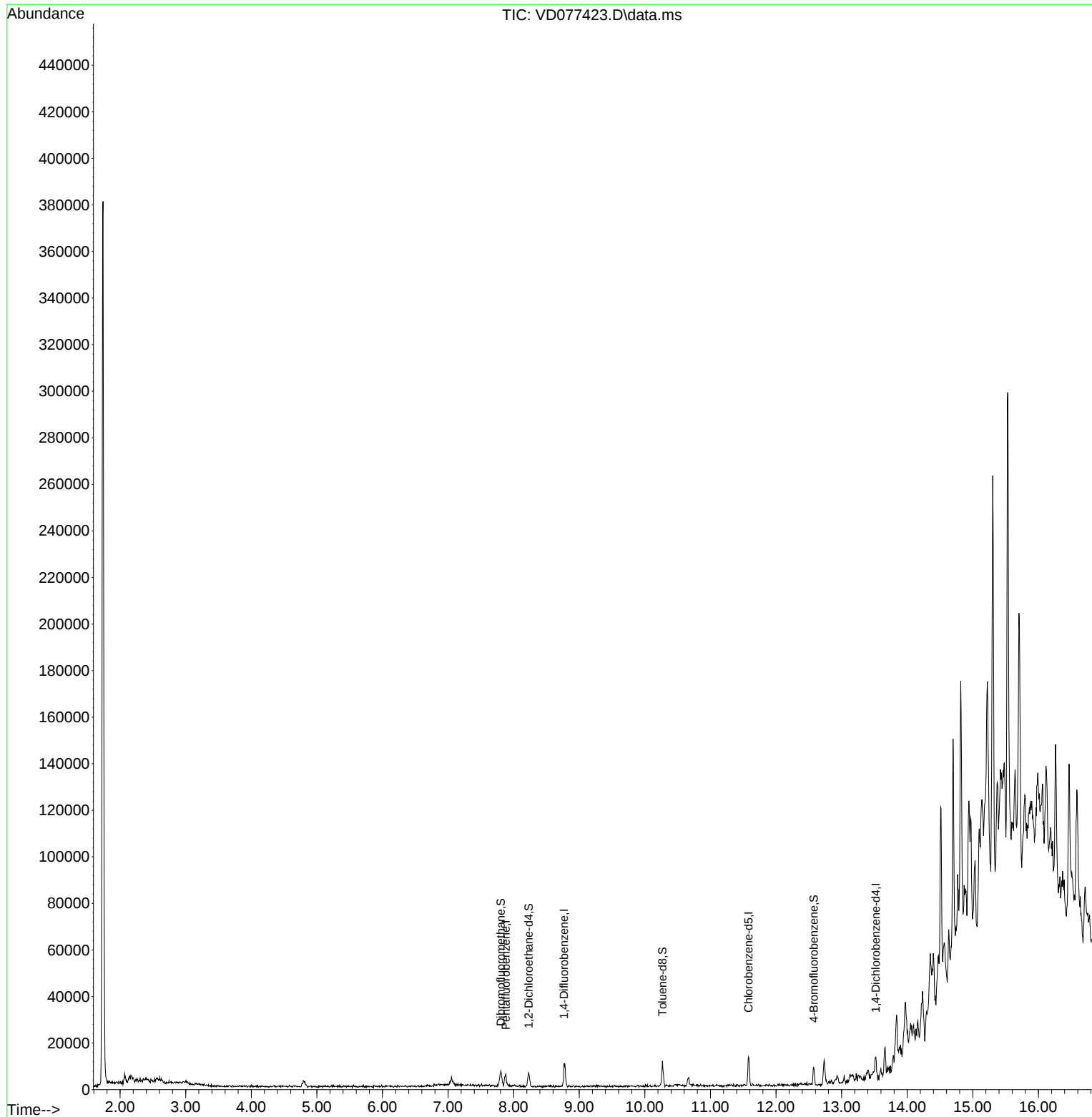
Target Compounds	Qvalue

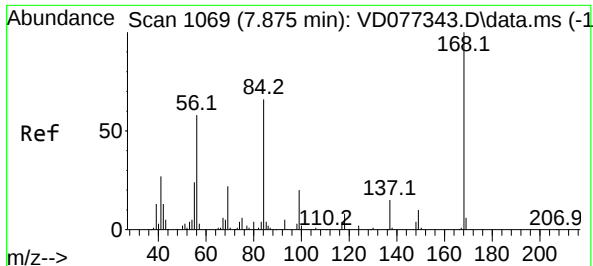
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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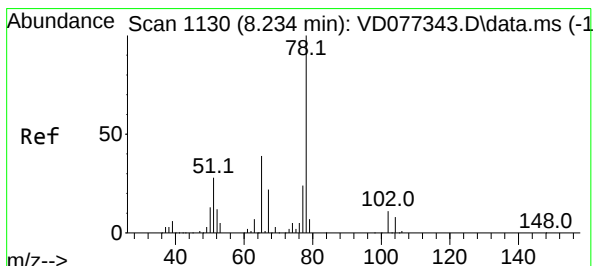
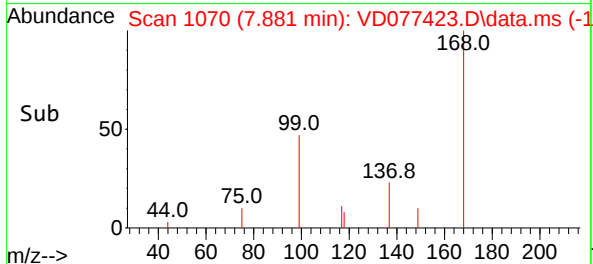
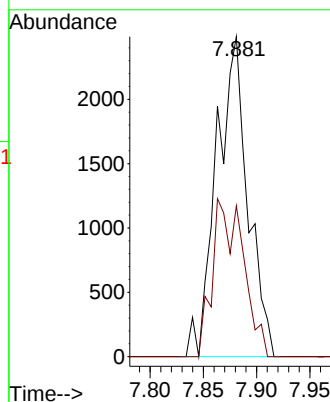
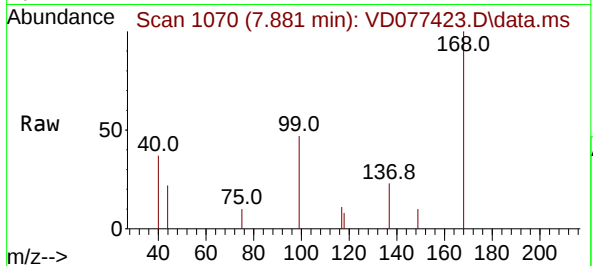




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD077423.D
Acq: 25 Oct 2023 19:18

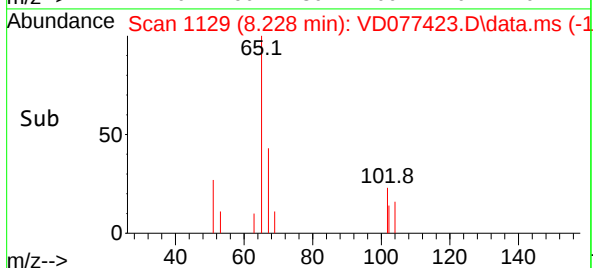
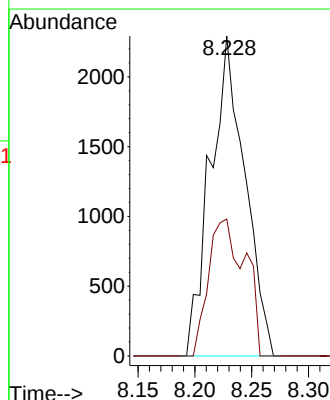
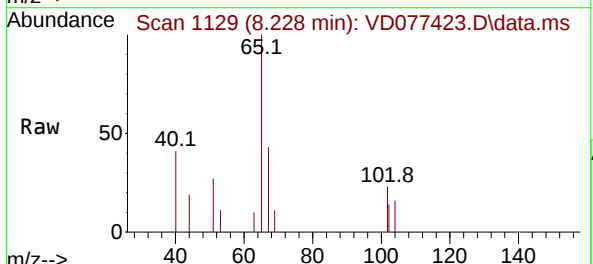
Instrument :
MSVOA_D
ClientSampleId :
H-DRUMS-SOLID

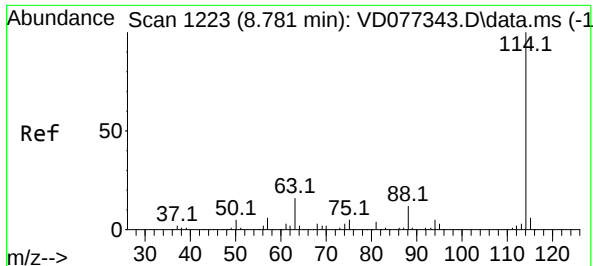
Tgt Ion:168 Resp: 5092
Ion Ratio Lower Upper
168 100
99 47.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 106.667 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077423.D
Acq: 25 Oct 2023 19:18

Tgt Ion: 65 Resp: 4850
Ion Ratio Lower Upper
65 100
67 45.2 0.0 115.0

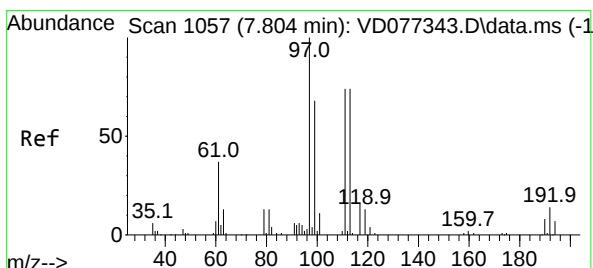
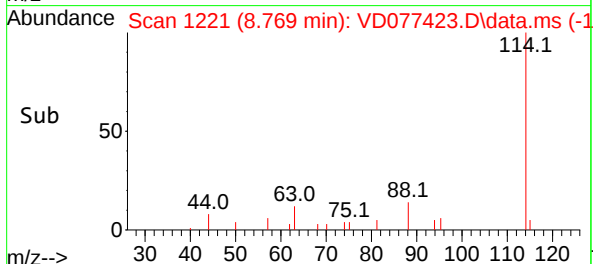
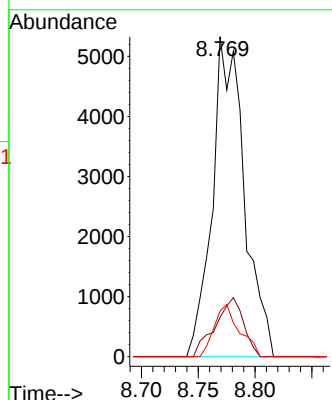
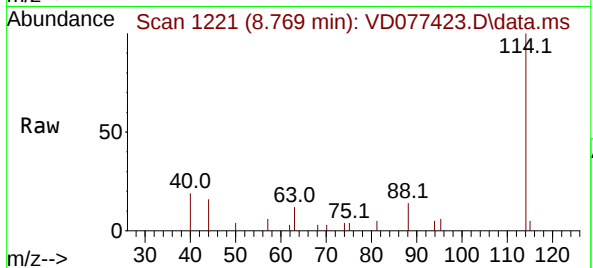




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.769 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077423.D
Acq: 25 Oct 2023 19:18

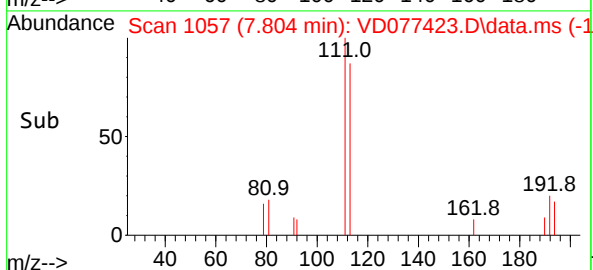
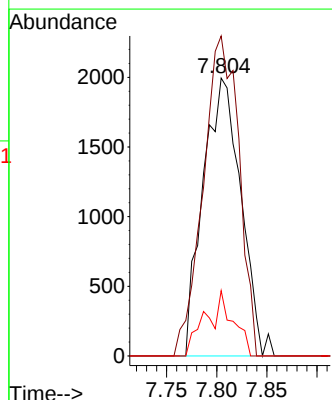
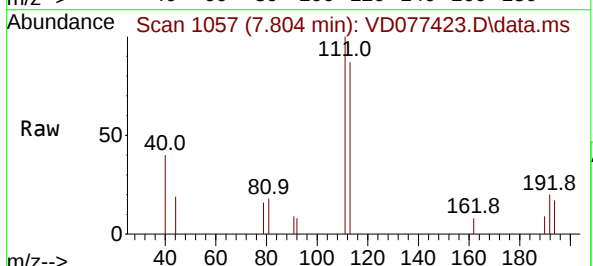
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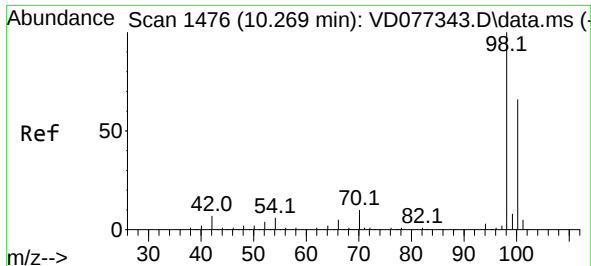
Tgt Ion:114 Resp: 10375
Ion Ratio Lower Upper
114 100
63 12.3 0.0 33.4
88 14.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 71.712 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077423.D
Acq: 25 Oct 2023 19:18

Tgt Ion:113 Resp: 5227
Ion Ratio Lower Upper
113 100
111 108.6 84.7 127.1
192 16.9 16.8 25.2

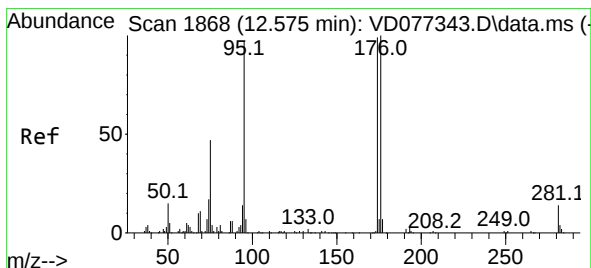
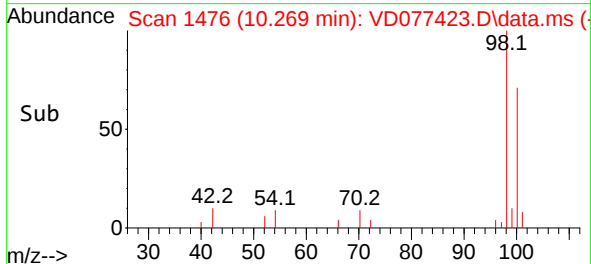
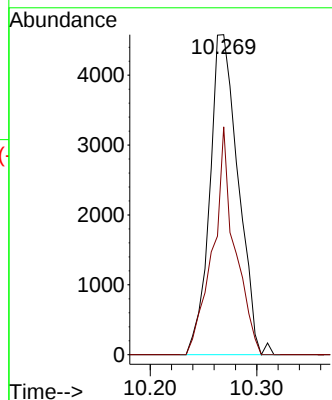
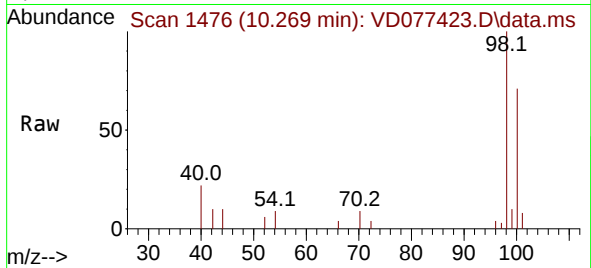




#50
Toluene-d8
Concen: 32.673 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077423.D
Acq: 25 Oct 2023 19:18

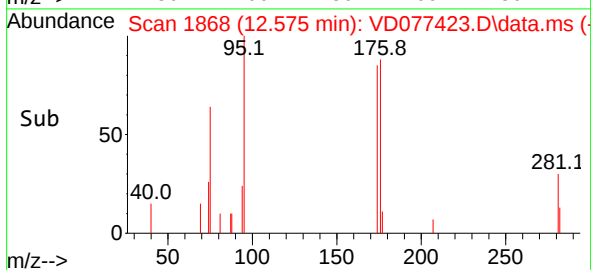
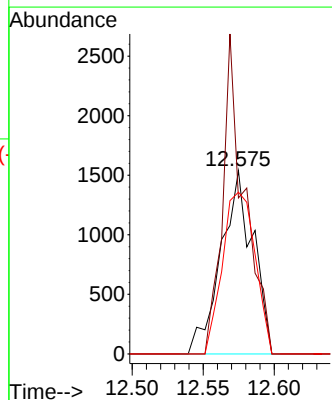
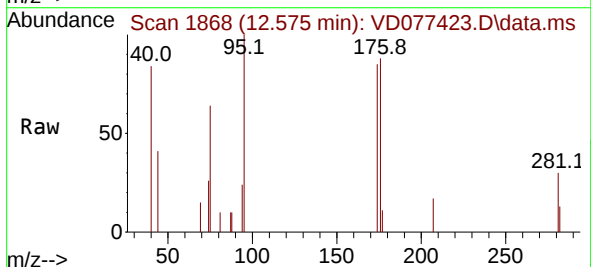
Instrument :
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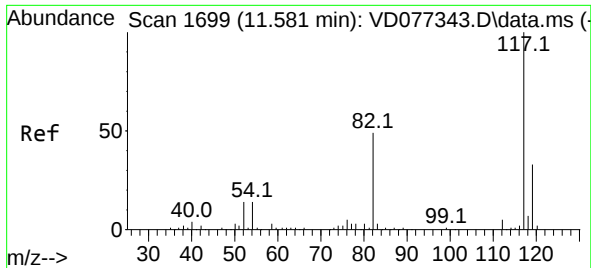
Tgt Ion: 98 Resp: 8529
Ion Ratio Lower Upper
98 100
100 54.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 32.166 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077423.D
Acq: 25 Oct 2023 19:18

Tgt Ion: 95 Resp: 2417
Ion Ratio Lower Upper
95 100
174 118.5 0.0 201.8
176 90.0 0.0 191.8

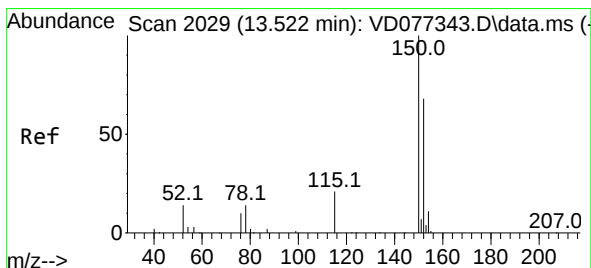
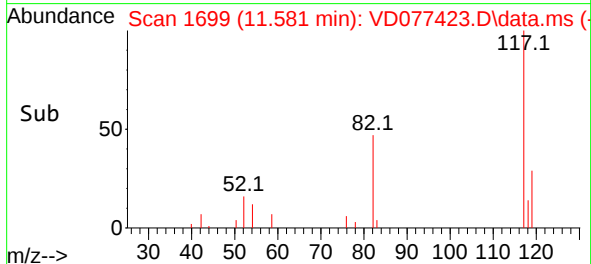
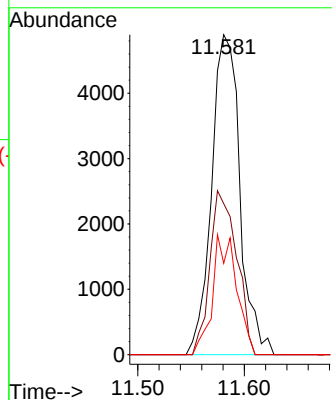
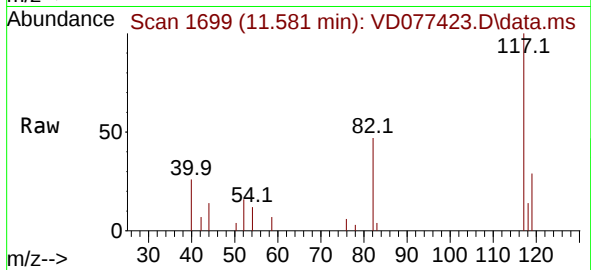




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077423.D
Acq: 25 Oct 2023 19:18

Instrument :
MSVOA_D
ClientSampleId :
H-DRUMS-SOLID

Tgt Ion:117 Resp: 9027
Ion Ratio Lower Upper
117 100
82 47.2 38.3 57.5
119 28.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD077423.D
Acq: 25 Oct 2023 19:18

Tgt Ion:152 Resp: 2390
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 164.6 0.0 353.6

