

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077385.D
 Acq On : 23 Oct 2023 17:03
 Operator : JC/SY
 Sample : 04977-02RE
 Misc : 6.79G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-406-VOC-01RE

Quant Time: Oct 23 23:41:58 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	7.875	168	3122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	6058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3073	110.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	220.460%#
35) Dibromofluoromethane	7.805	113	2687	63.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.260%
50) Toluene-d8	10.269	98	5995	39.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.660%
62) 4-Bromofluorobenzene	12.569	95	1923	43.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.660%

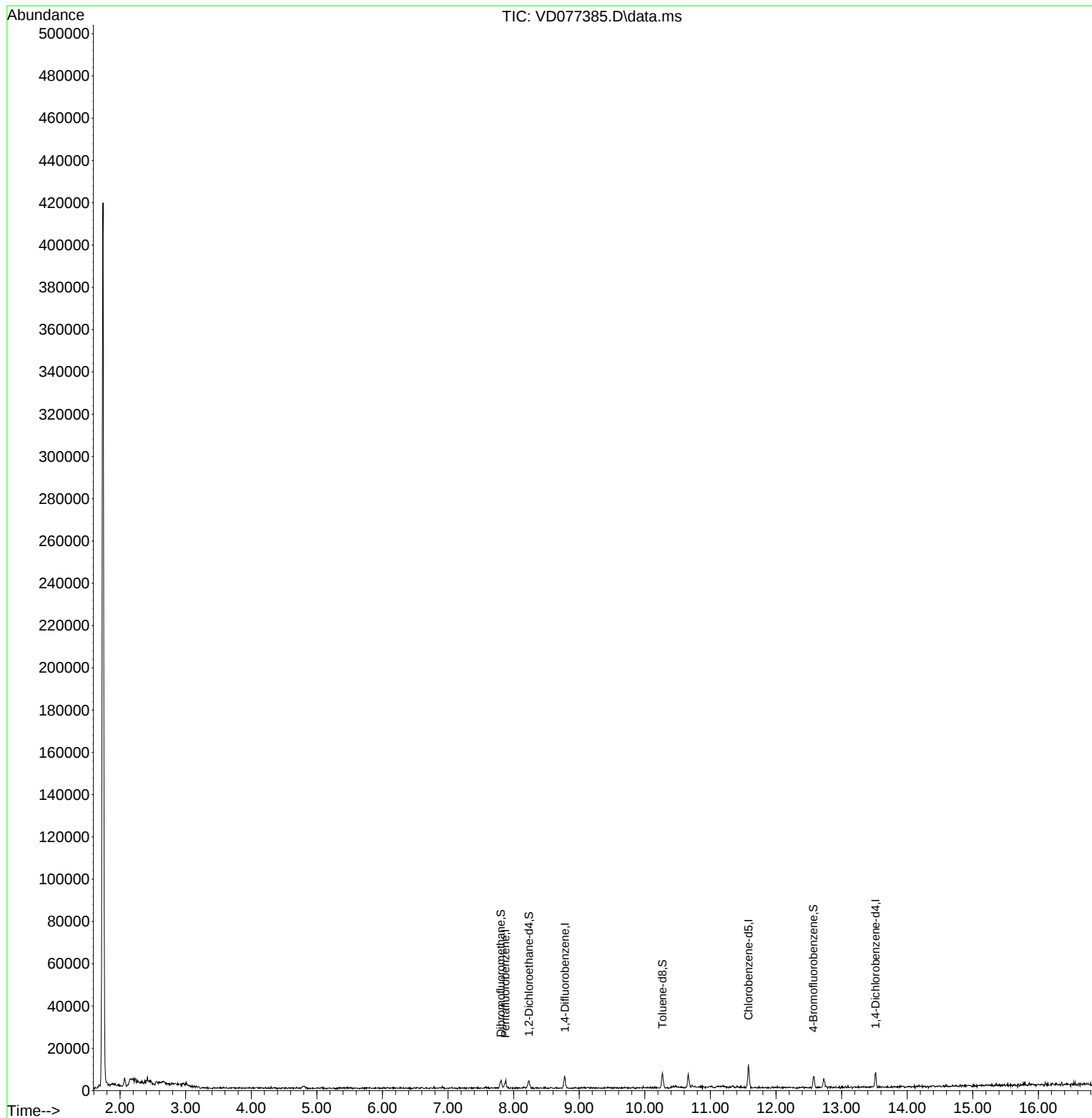
Target Compounds	Qvalue

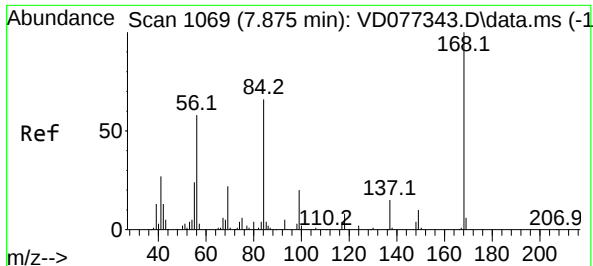
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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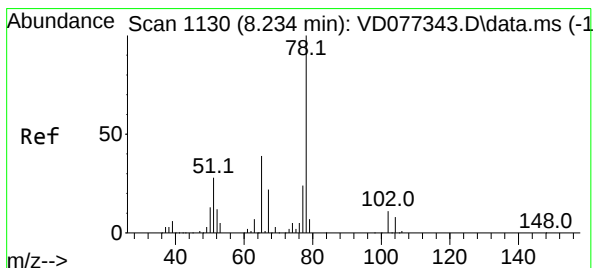
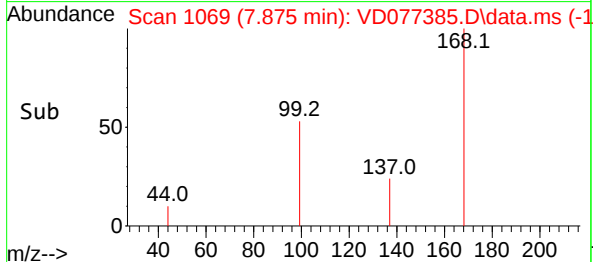
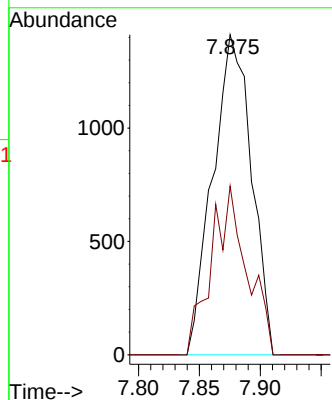
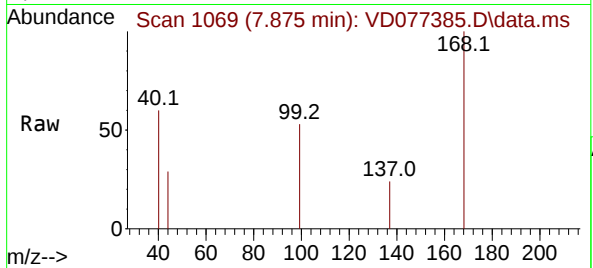




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077385.D
Acq: 23 Oct 2023 17:03

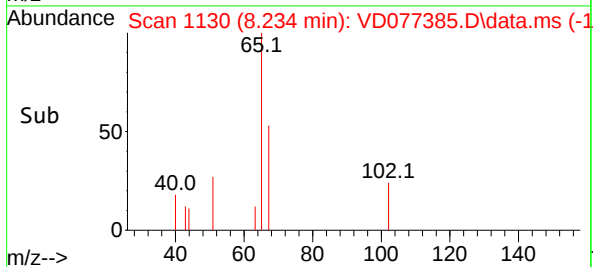
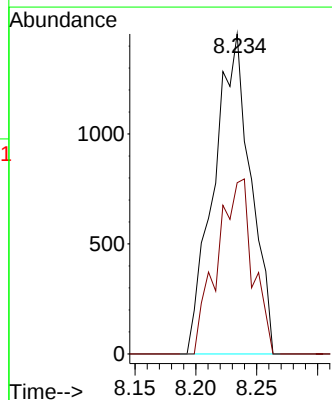
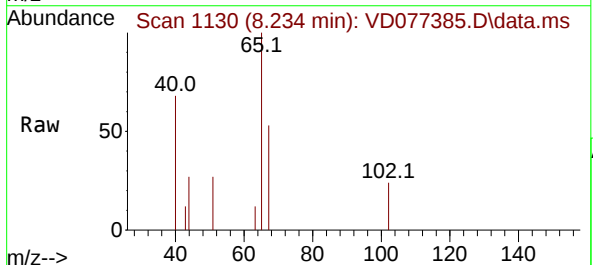
Instrument :
MSVOA_D
ClientSampleId :
NB-406-VOC-01RE

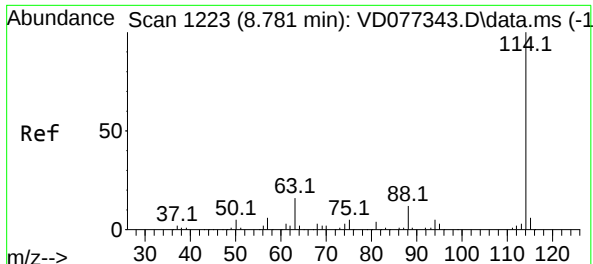
Tgt Ion:168 Resp: 3122
Ion Ratio Lower Upper
168 100
99 52.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 110.232 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077385.D
Acq: 23 Oct 2023 17:03

Tgt Ion: 65 Resp: 3073
Ion Ratio Lower Upper
65 100
67 52.9 0.0 115.0

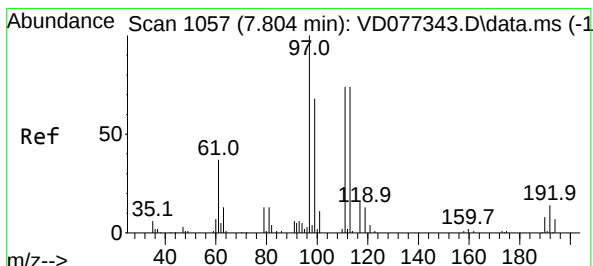
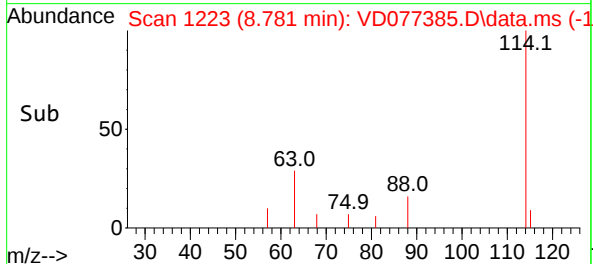
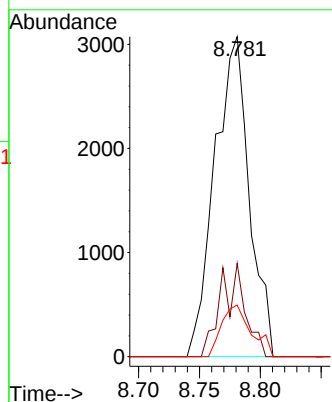
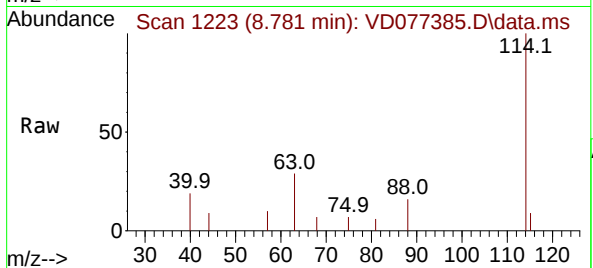




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077385.D
Acq: 23 Oct 2023 17:03

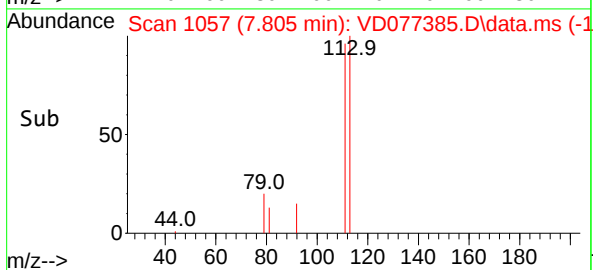
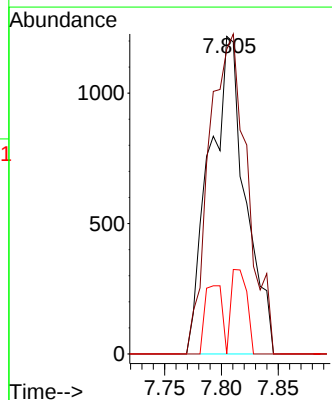
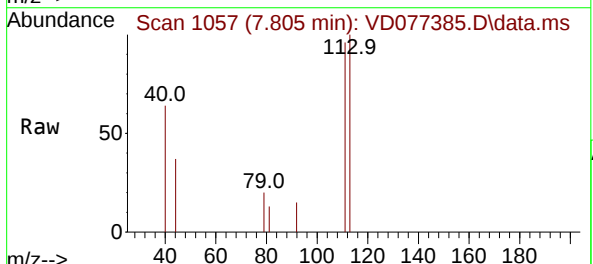
Instrument :
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NB-406-VOC-01RE

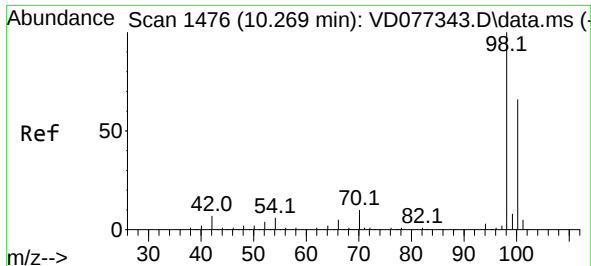
Tgt Ion:114 Resp: 6058
Ion Ratio Lower Upper
114 100
63 29.2 0.0 33.4
88 16.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 63.134 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077385.D
Acq: 23 Oct 2023 17:03

Tgt Ion:113 Resp: 2687
Ion Ratio Lower Upper
113 100
111 106.6 84.7 127.1
192 11.6 16.8 25.2#

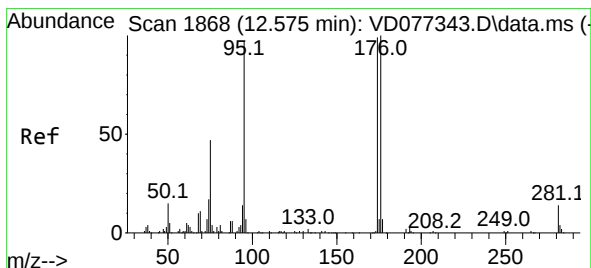
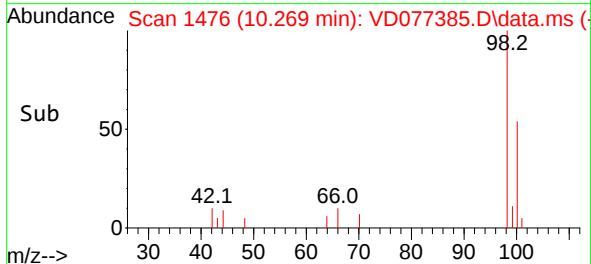
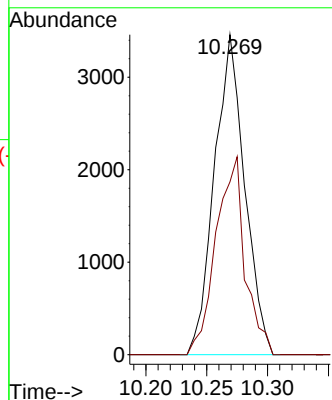
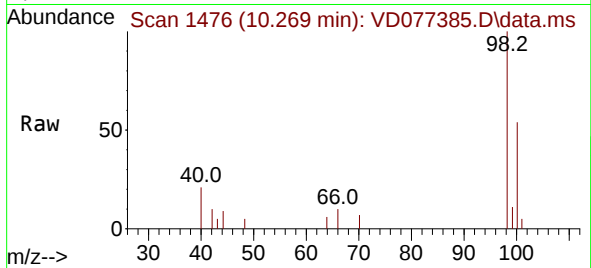




#50
Toluene-d8
Concen: 39.332 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077385.D
Acq: 23 Oct 2023 17:03

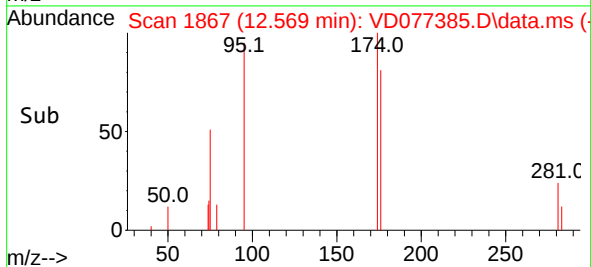
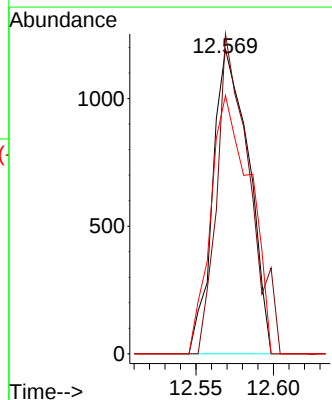
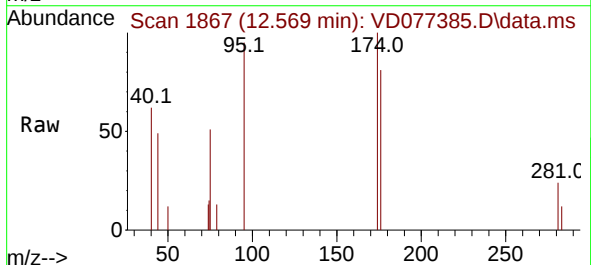
Instrument :
MSVOA_D
ClientSampleId :
NB-406-VOC-01RE

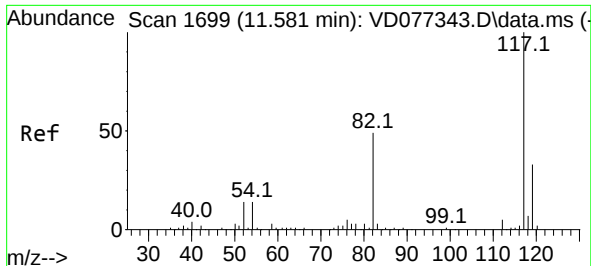
Tgt Ion: 98 Resp: 5995
Ion Ratio Lower Upper
98 100
100 59.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.828 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077385.D
Acq: 23 Oct 2023 17:03

Tgt Ion: 95 Resp: 1923
Ion Ratio Lower Upper
95 100
174 94.7 0.0 201.8
176 93.2 0.0 191.8

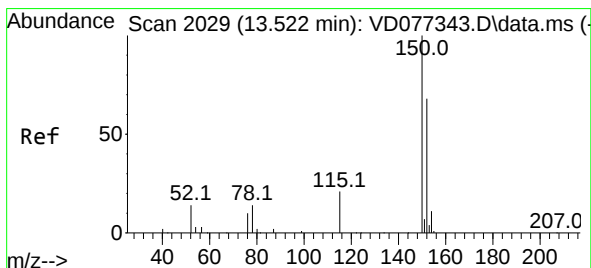
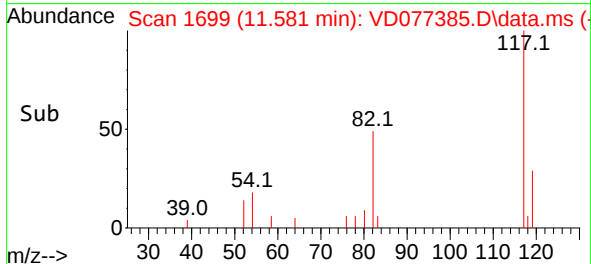
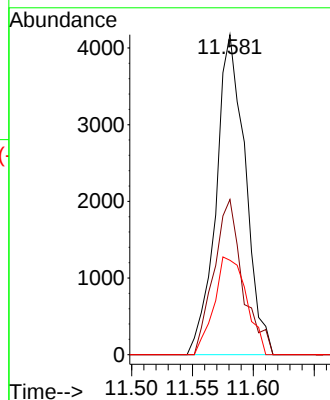
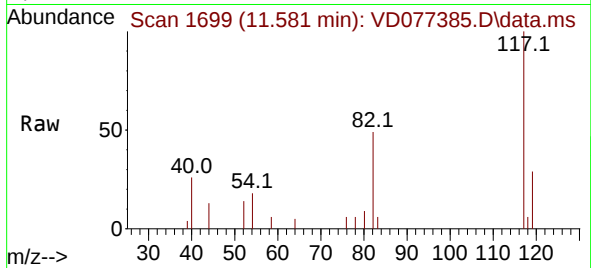




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077385.D
Acq: 23 Oct 2023 17:03

Instrument :
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Tgt Ion:117	Resp:	6959
Ion	Ratio	Lower Upper
117	100	
82	48.5	38.3 57.5
119	29.5	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: VD077385.D
Acq: 23 Oct 2023 17:03

Tgt Ion:152	Resp:	2124
Ion	Ratio	Lower Upper
152	100	
115	70.9	27.1 81.3
150	165.0	0.0 353.6

