

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080042.D
 Acq On : 17 Nov 2024 15:19
 Operator : RP/MD
 Sample : P4810-02
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Nov 18 04:24:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

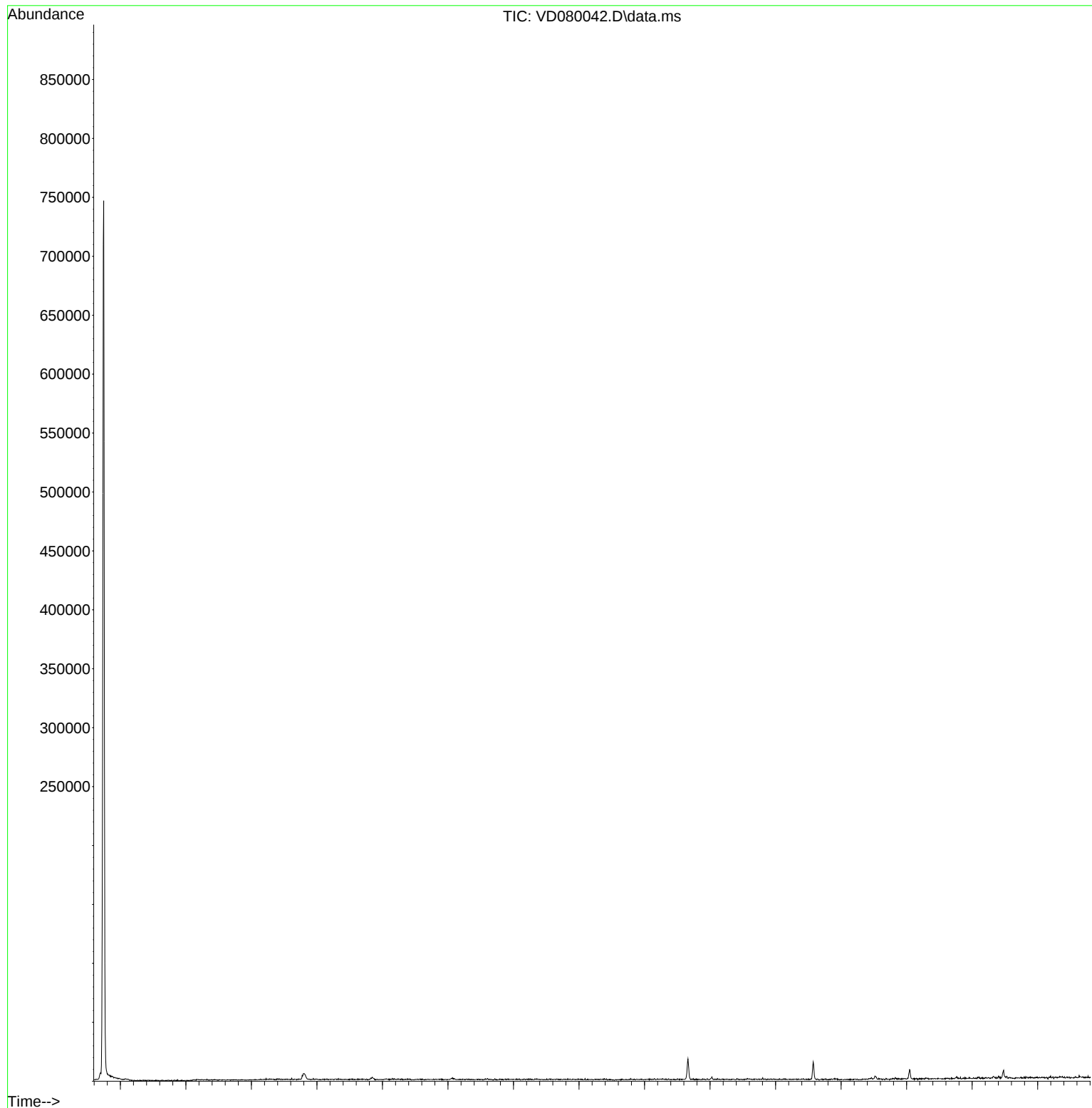
Internal Standards						
1) Pentafluorobenzene	7.881	168	124	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.793	114	150	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.581	117	420	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.975	65	54	42.297	ug/l	-0.25
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.600%
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.275	98	132	35.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.160%
62) 4-Bromofluorobenzene	12.569	95	368	298.106	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	596.220%#
Target Compounds						
20) Methylene Chloride	4.810	84	4114	2769.267	ug/l	Qvalue 88

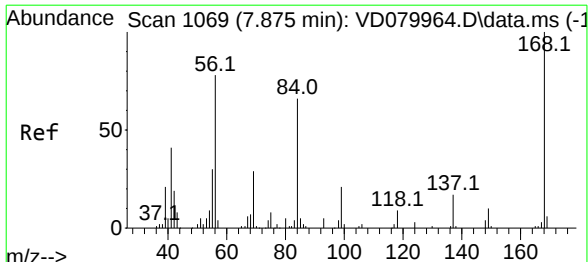
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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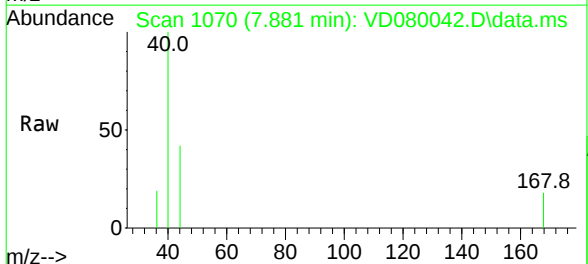
Quant Time: Nov 18 04:24:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
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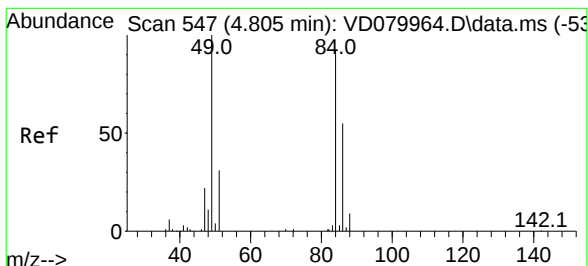
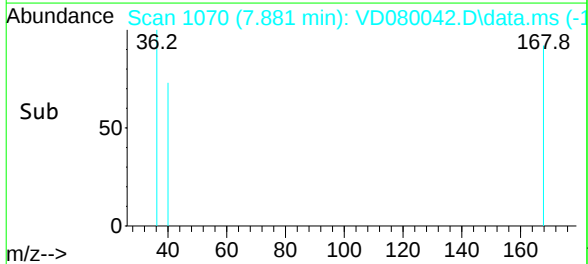
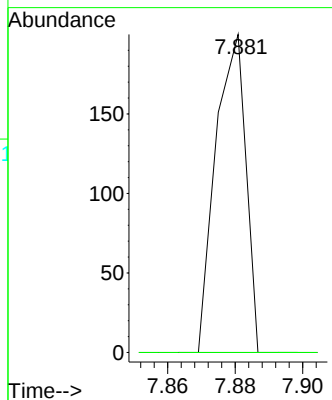


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.881 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VD080042.D
 Acq: 17 Nov 2024 15:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

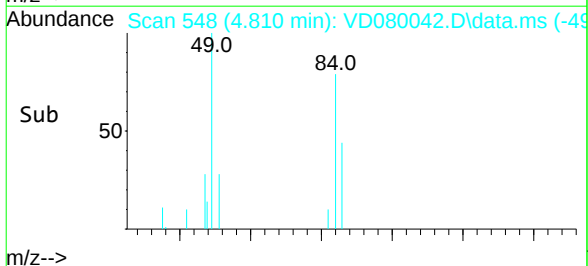
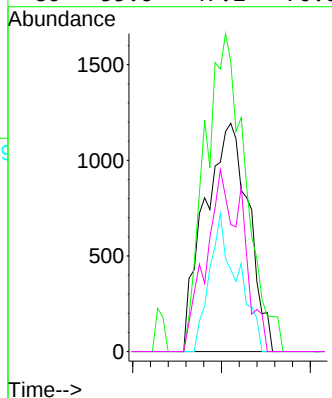
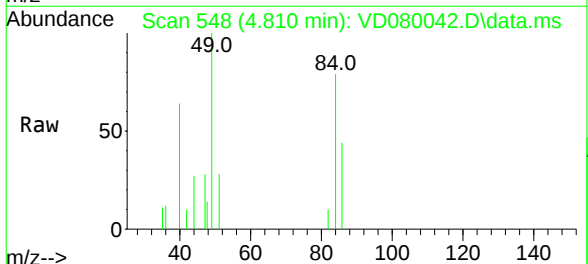


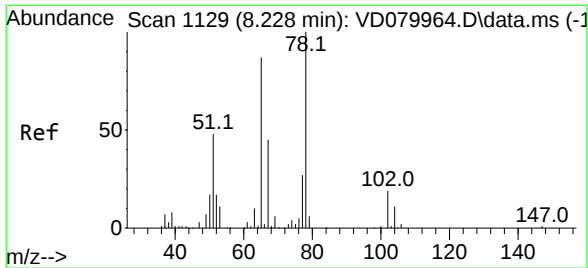
Tgt Ion: 168 Resp: 124
 Ion Ratio Lower Upper
 168 100
 99 0.0 46.0 69.0#



#20
 Methylene Chloride
 Concen: 2769.267 ug/l
 RT: 4.810 min Scan# 548
 Delta R.T. 0.005 min
 Lab File: VD080042.D
 Acq: 17 Nov 2024 15:19

Tgt Ion: 84 Resp: 4114
 Ion Ratio Lower Upper
 84 100
 49 127.0 86.5 129.7
 51 35.8 26.9 40.3
 86 55.6 47.2 70.8

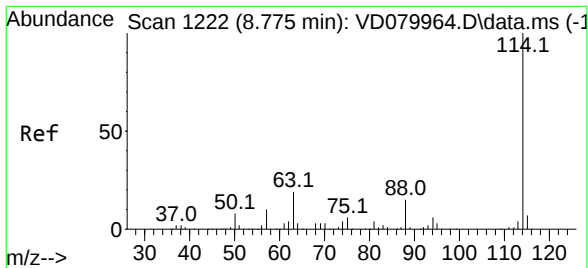
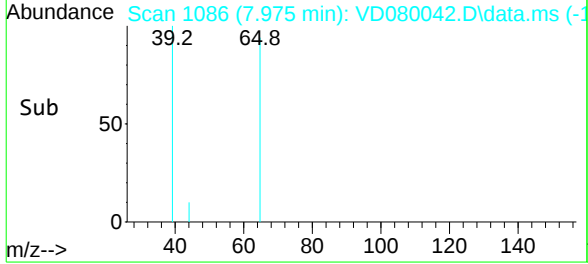
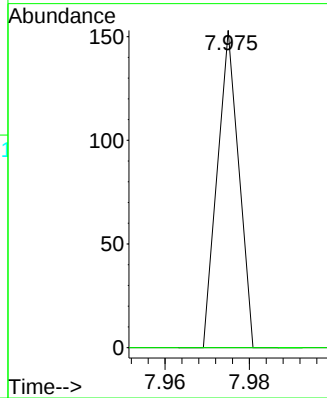
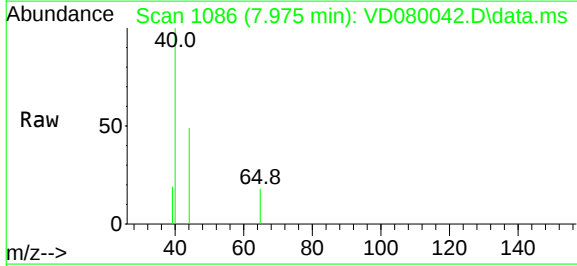




#33
1,2-Dichloroethane-d4
Concen: 42.297 ug/l
RT: 7.975 min Scan# 1086
Delta R.T. -0.253 min
Lab File: VD080042.D
Acq: 17 Nov 2024 15:19

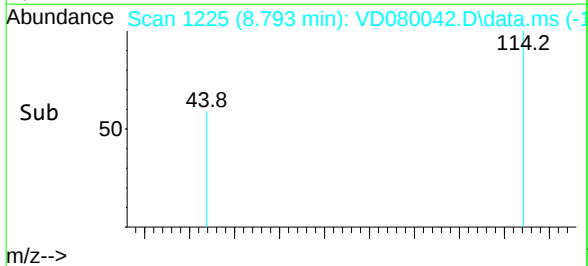
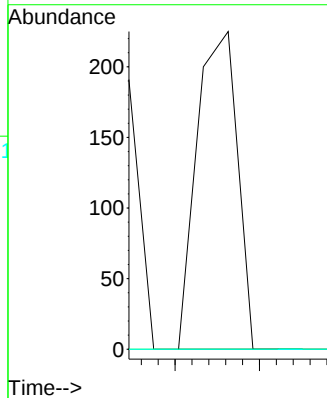
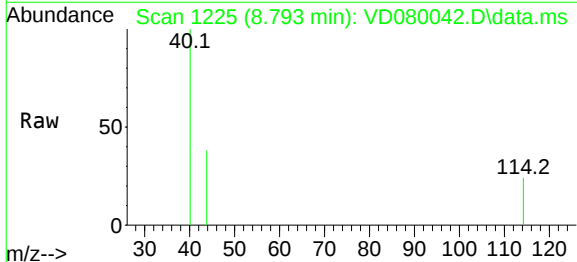
Instrument :
MSVOA_D
ClientSampleId :
VOC

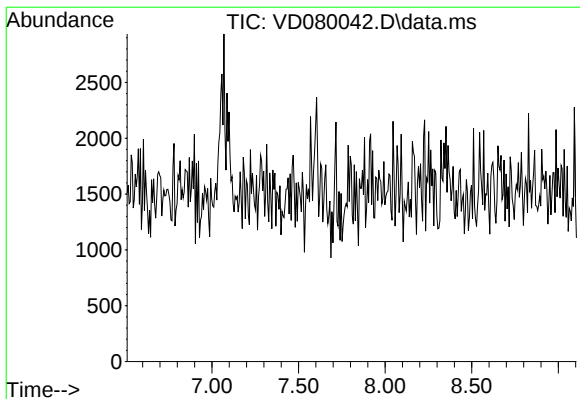
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
67 0.0 0.0 109.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.793 min Scan# 1225
Delta R.T. 0.018 min
Lab File: VD080042.D
Acq: 17 Nov 2024 15:19

Tgt Ion: 114 Resp: 150
Ion Ratio Lower Upper
114 100
63 0.0 0.0 38.8
88 0.0 0.0 30.6



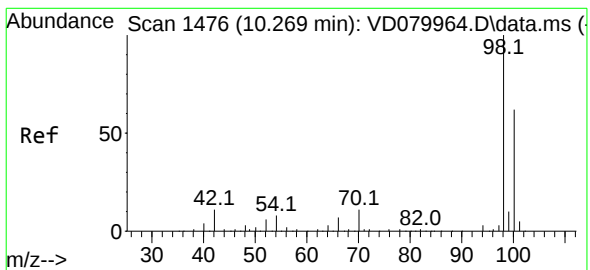
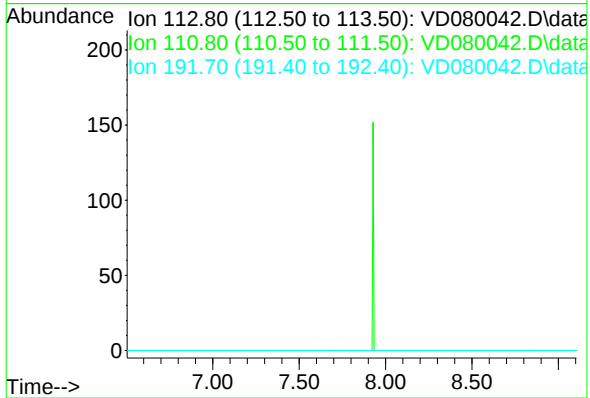


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.80 min

Lab File: VD080042.D
Acq: 17 Nov 2024 15:19

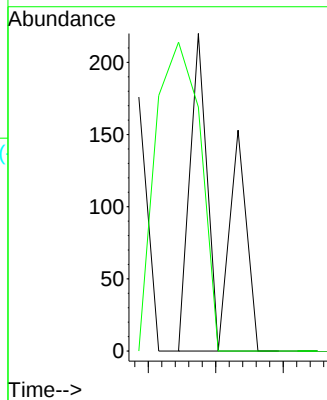
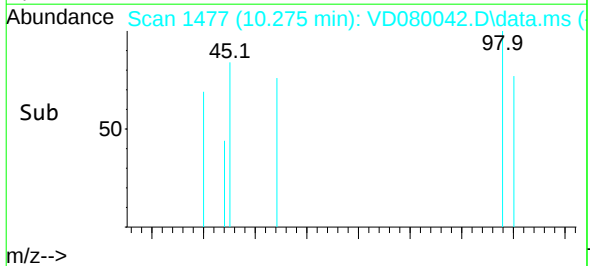
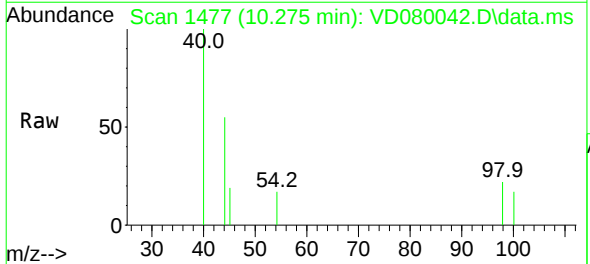
Instrument :
MSVOA_D
ClientSampleId :
VOC

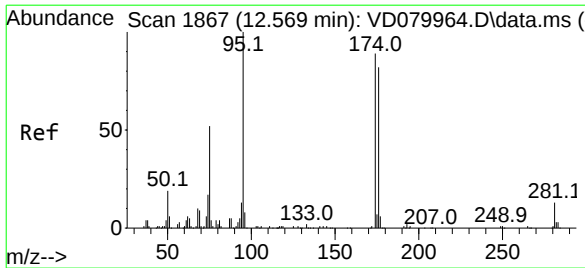
Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.1
192 20.8



#50
Toluene-d8
Concen: 35.082 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD080042.D
Acq: 17 Nov 2024 15:19

Tgt Ion: 98 Resp: 132
Ion Ratio Lower Upper
98 100
100 150.0 50.2 75.4#

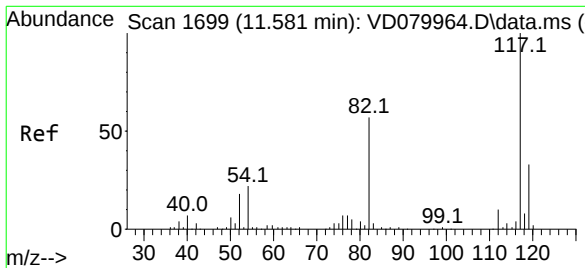
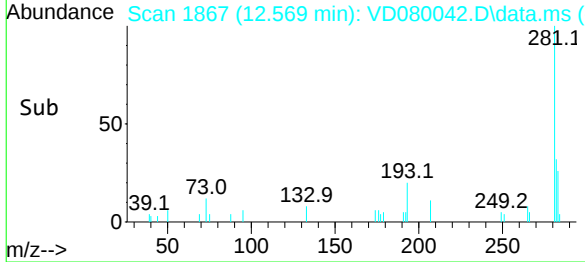
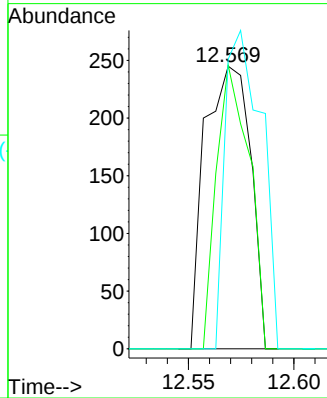
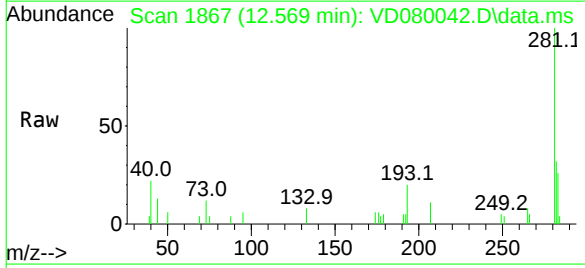




#62
4-Bromofluorobenzene
Concen: 298.106 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080042.D
Acq: 17 Nov 2024 15:19

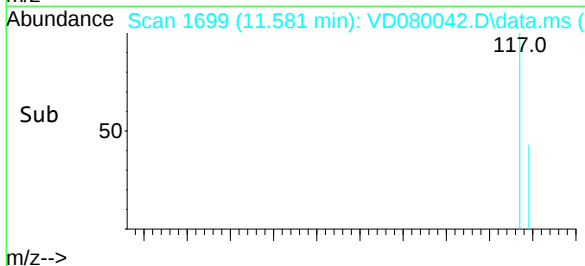
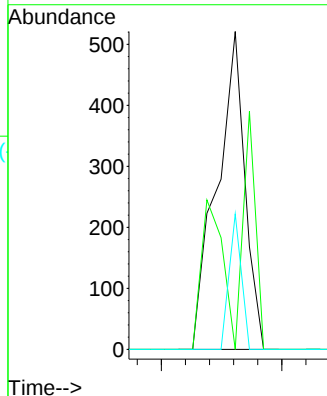
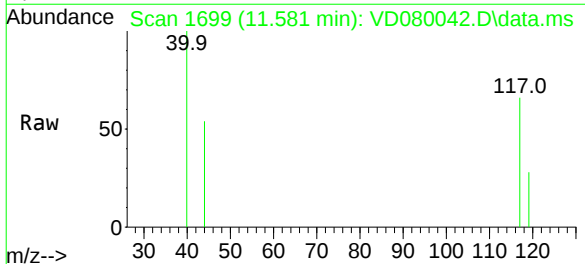
Instrument :
MSVOA_D
ClientSampleId :
VOC

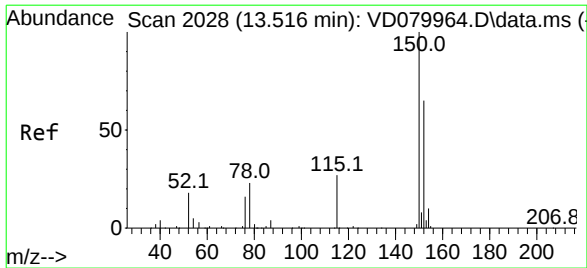
Tgt Ion:	95	Resp:	368
Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	173.4
176	89.9	0.0	166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080042.D
Acq: 17 Nov 2024 15:19

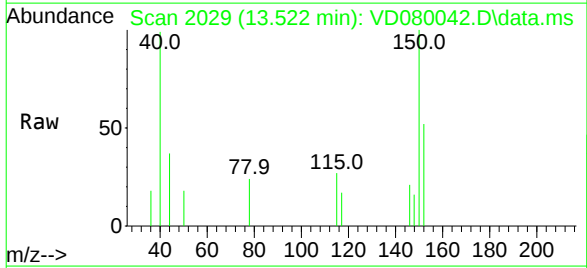
Tgt Ion:	117	Resp:	420
Ion	Ratio	Lower	Upper
117	100		
82	0.0	45.8	68.6#
119	42.6	26.2	39.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD080042.D
 Acq: 17 Nov 2024 15:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC



Tgt Ion:	152	Resp:	721
Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.9	86.8
150	183.4	0.0	354.8

