

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080343.D
 Acq On : 15 May 2025 12:53
 Operator : RP/MD
 Sample : Q2039-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-05142025

Quant Time: May 16 02:55:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	3205	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.776	114	6566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	6063	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	2066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	2872	69.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.580%
35) Dibromofluoromethane	7.799	113	3075	69.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.740%
50) Toluene-d8	10.270	98	7415	42.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.520%
62) 4-Bromofluorobenzene	12.570	95	2157	38.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.520%

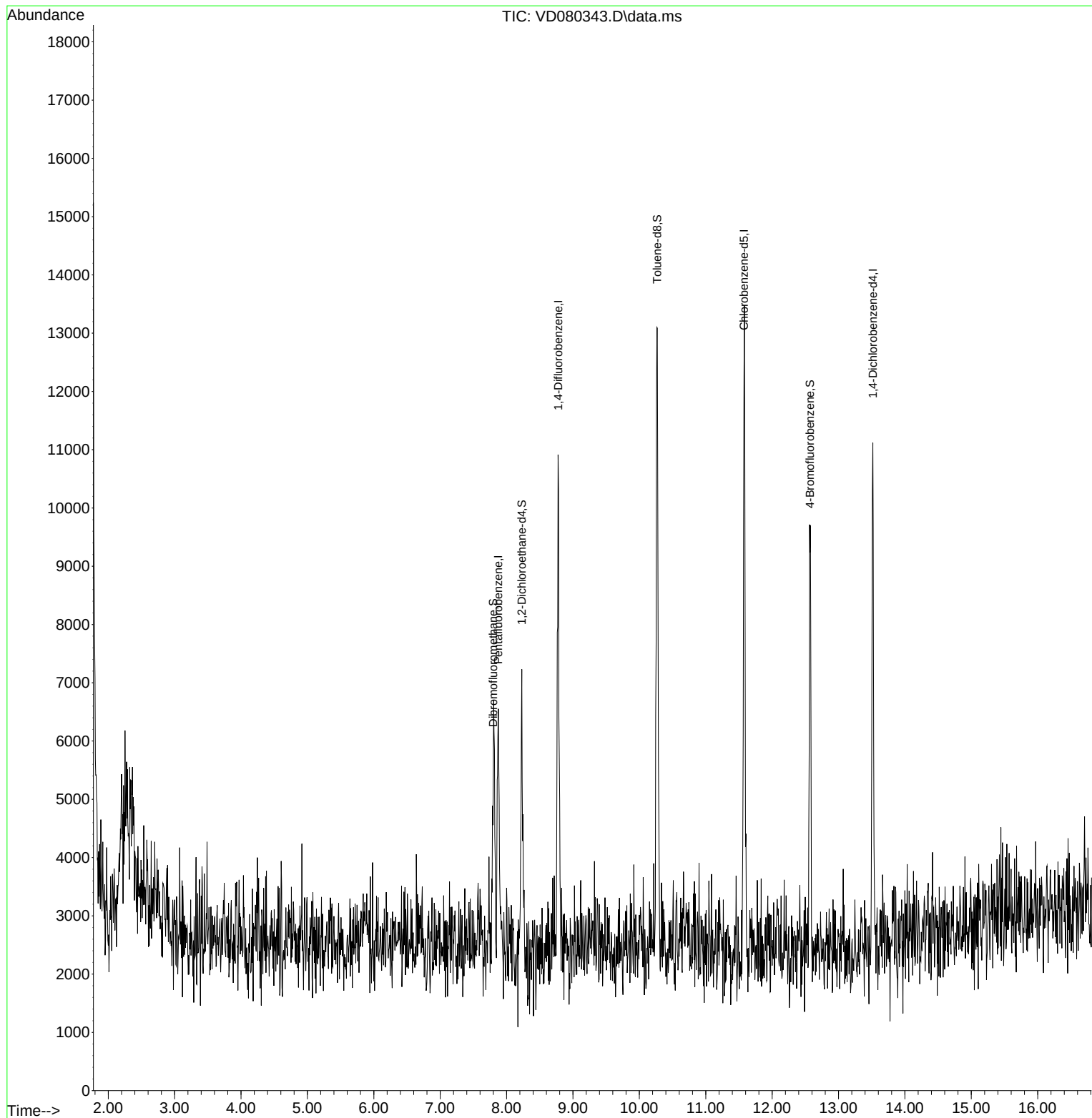
Target Compounds	Qvalue

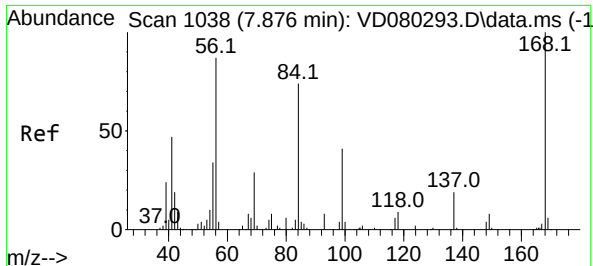
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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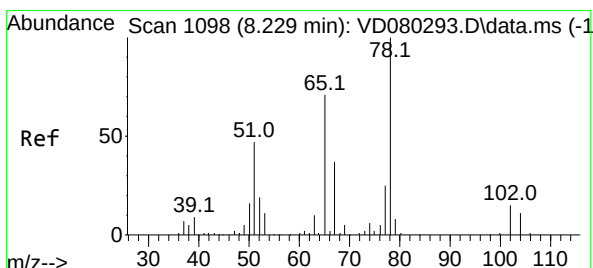
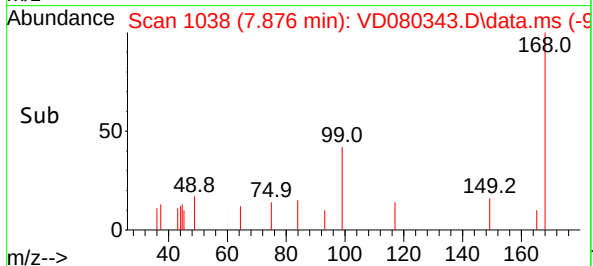
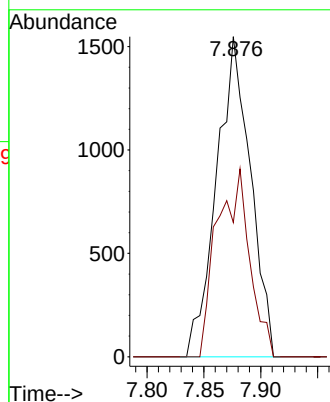
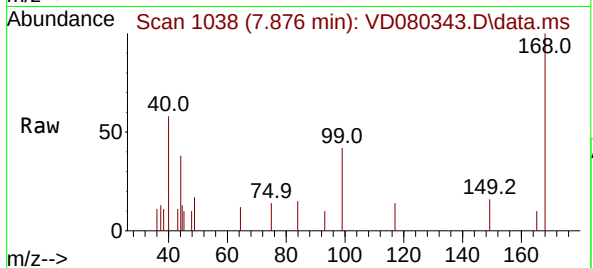




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

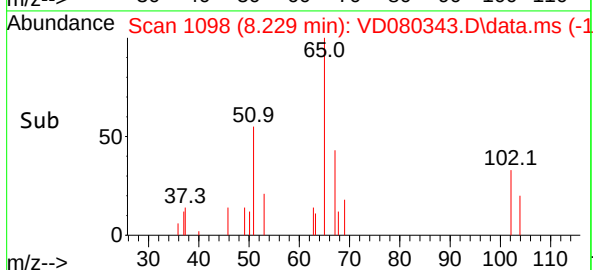
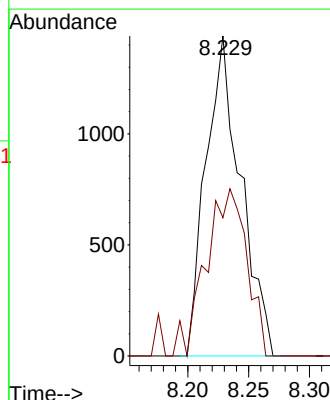
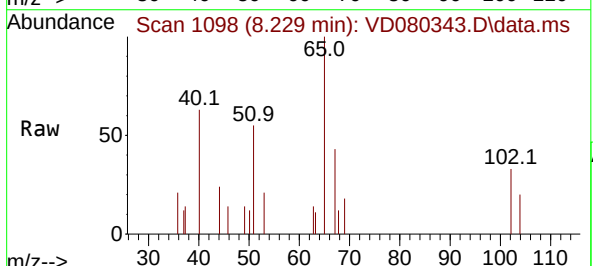
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

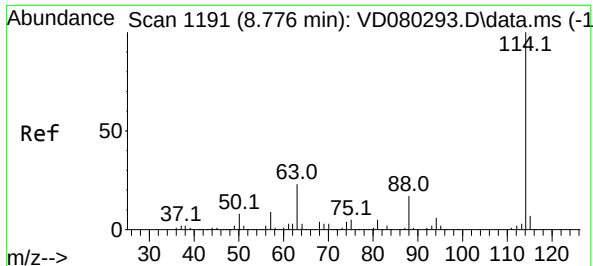
Tgt Ion:168 Resp: 3205
Ion Ratio Lower Upper
168 100
99 42.0 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 69.295 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 65 Resp: 2872
Ion Ratio Lower Upper
65 100
67 61.6 0.0 109.2

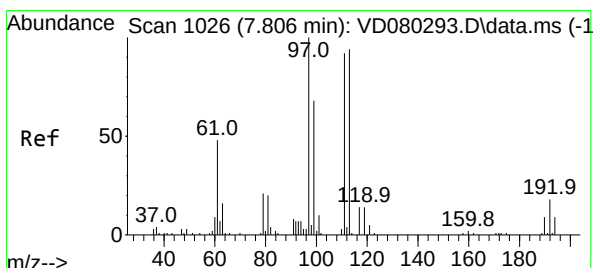
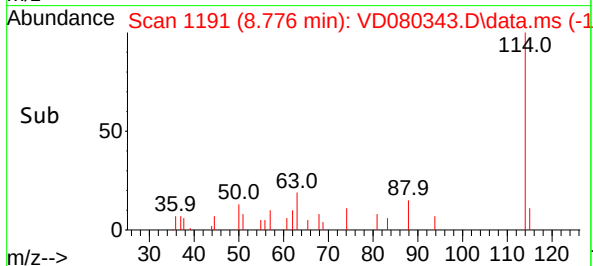
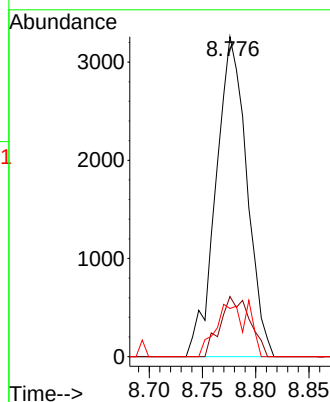
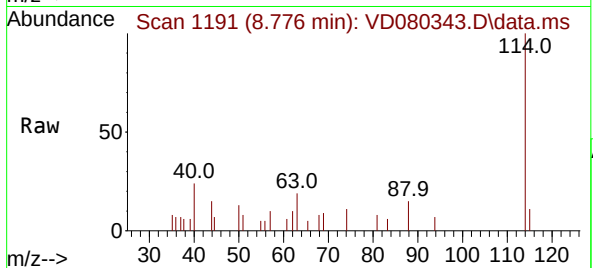




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

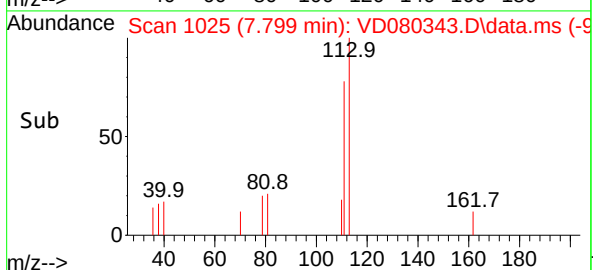
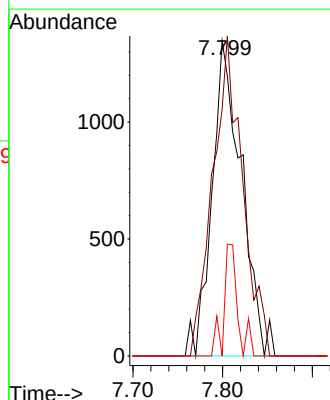
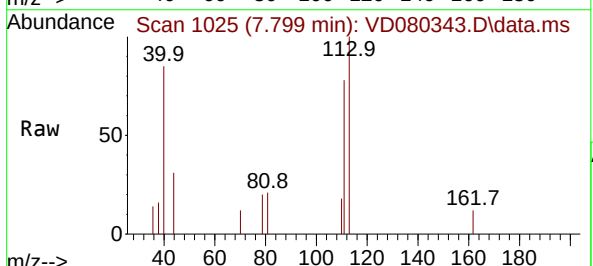
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

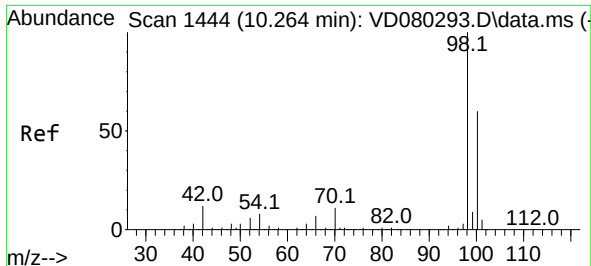
Tgt Ion:	114	Resp:	6566
Ion Ratio	Lower	Upper	
114	100		
63	18.8	0.0	38.8
88	15.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 69.874 ug/l
RT: 7.799 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion:	113	Resp:	3075
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.5	123.7
192	16.5	16.6	25.0#

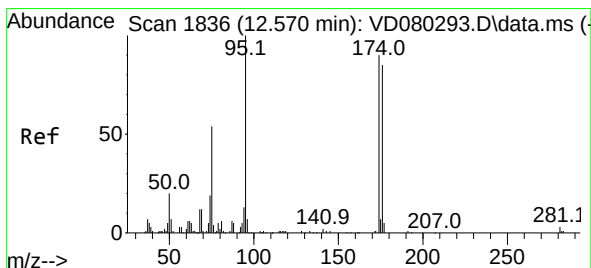
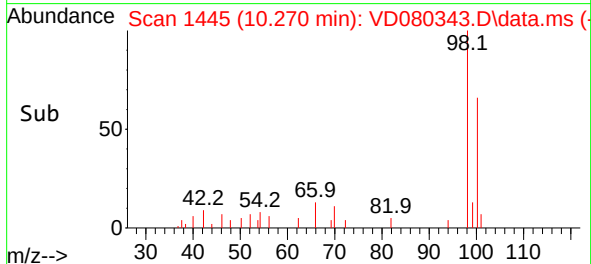
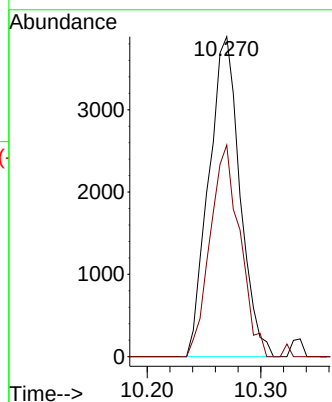
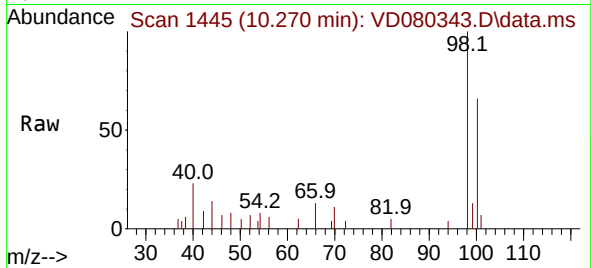




#50
Toluene-d8
Concen: 42.763 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

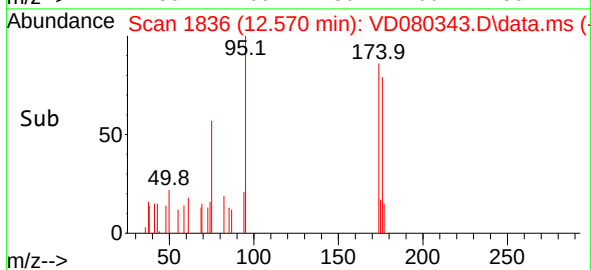
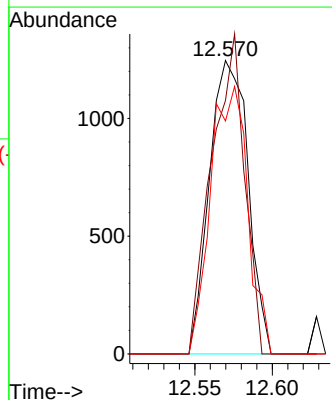
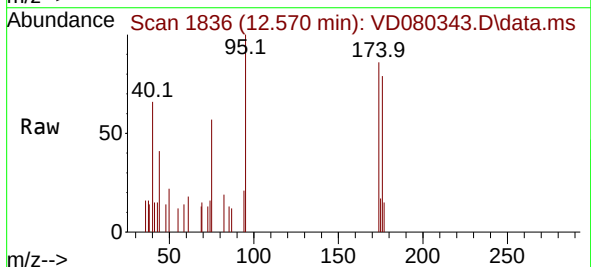
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

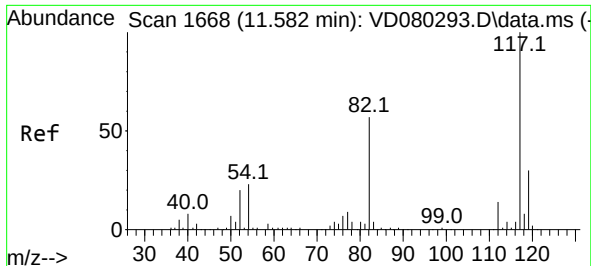
Tgt Ion: 98 Resp: 7415
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 38.757 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 95 Resp: 2157
Ion Ratio Lower Upper
95 100
174 92.6 0.0 173.4
176 87.9 0.0 166.6

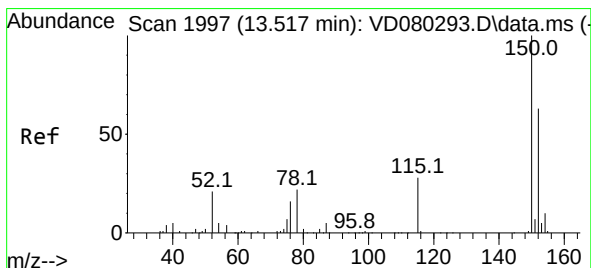
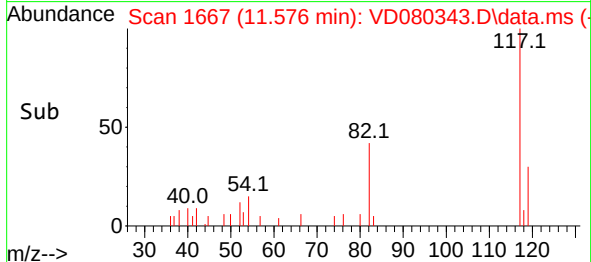
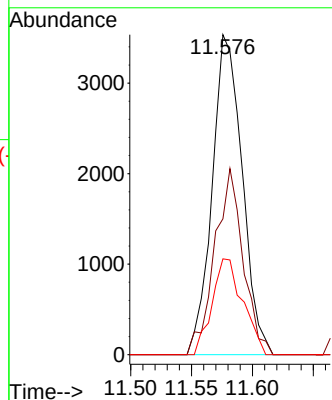
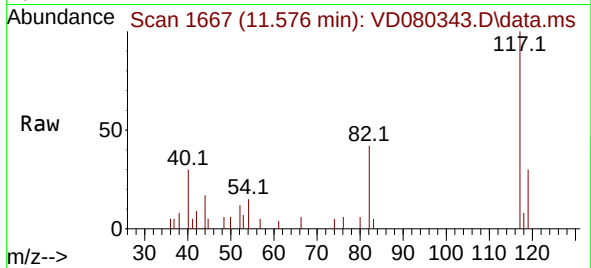




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.576 min Scan# 117
Delta R.T. -0.005 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

Tgt Ion:117 Resp: 6063
Ion Ratio Lower Upper
117 100
82 42.4 45.8 68.6#
119 30.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion:152 Resp: 2066
Ion Ratio Lower Upper
152 100
115 73.5 28.9 86.8
150 173.7 0.0 354.8

