

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
 Data File : VV039292.D
 Acq On : 21 Oct 2025 09:35
 Operator : SY/MD
 Sample : VV1021MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021MBL01

Quant Time: Oct 24 04:37:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	552746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	957439	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	890597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	381709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	466533	59.399	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	118.800%#
35) Dibromofluoromethane	4.500	113	418389	55.460	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	110.920%
50) Toluene-d8	7.236	98	1226026	47.772	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	95.540%
62) 4-Bromofluorobenzene	10.001	95	412657	45.148	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	90.300%

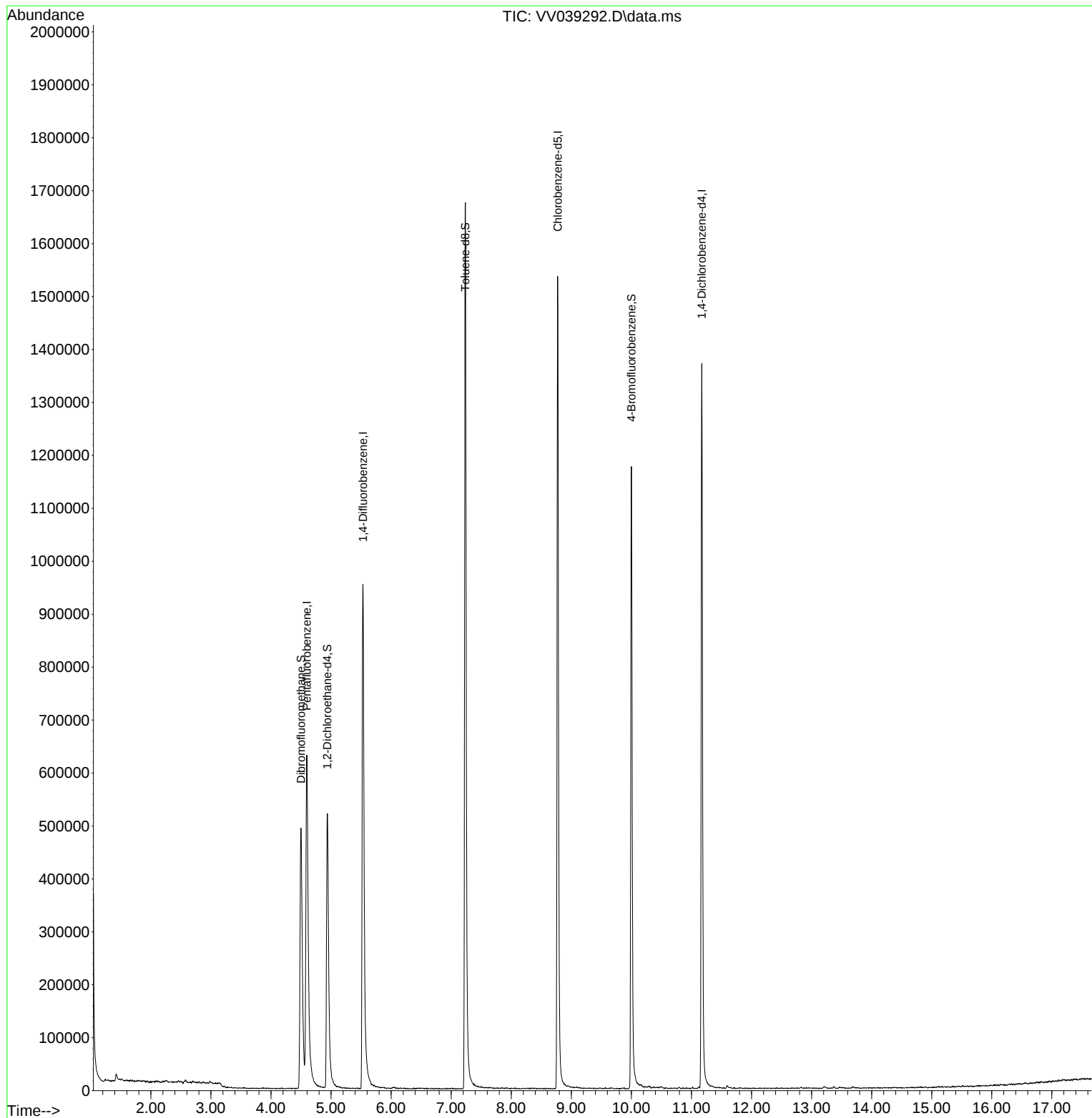
Target Compounds	Qvalue

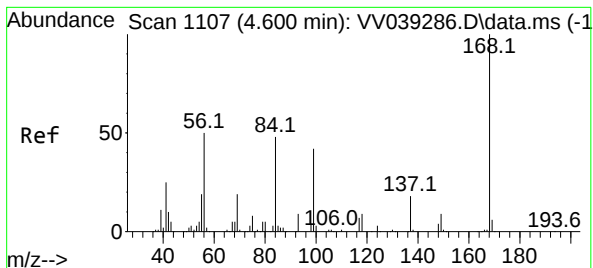
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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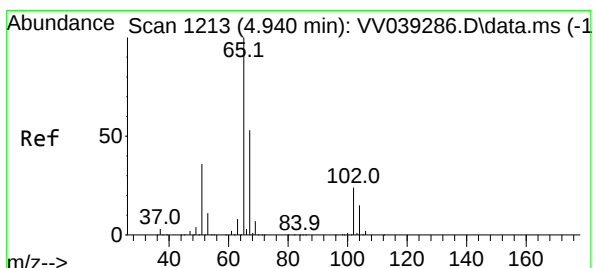
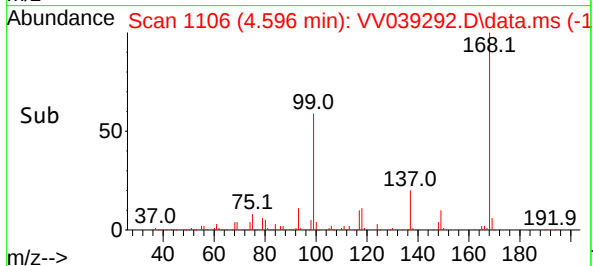
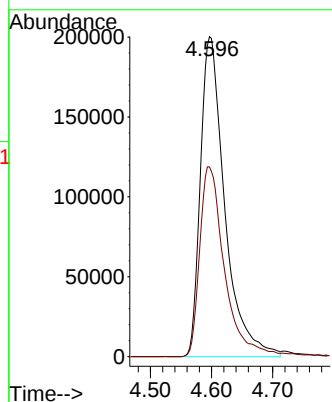
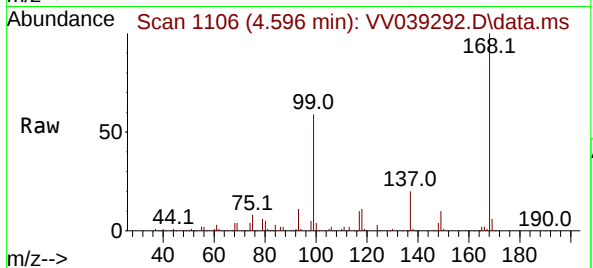




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.004 min
Lab File: VV039292.D
Acq: 21 Oct 2025 09:35

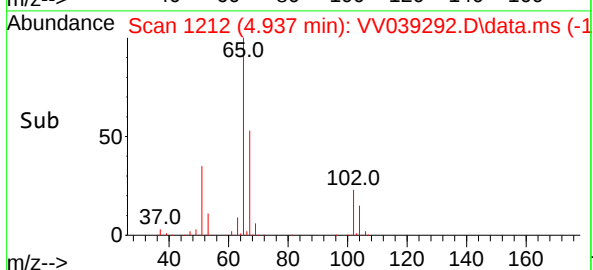
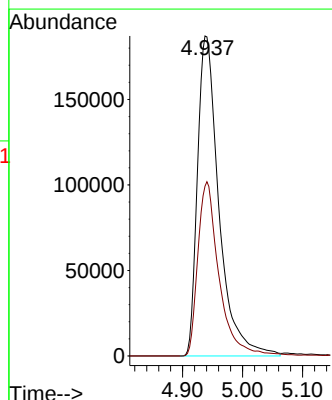
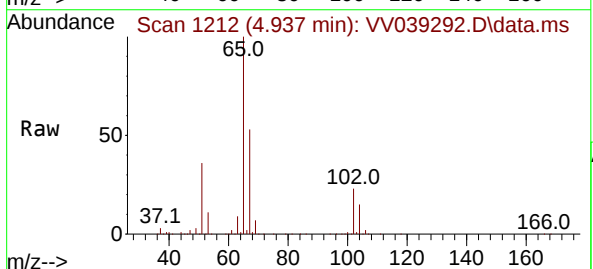
Instrument :
MSVOA_V
ClientSampleId :
VV1021MBL01

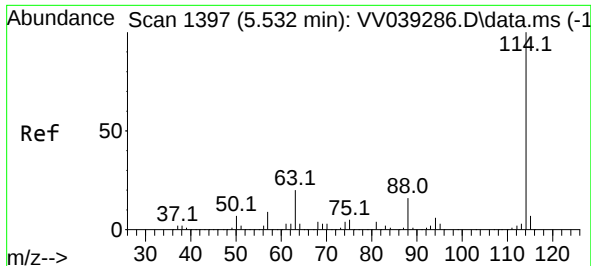
Tgt Ion:168 Resp: 552746
Ion Ratio Lower Upper
168 100
99 59.3 46.6 70.0



#33
1,2-Dichloroethane-d4
Concen: 59.399 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VV039292.D
Acq: 21 Oct 2025 09:35

Tgt Ion: 65 Resp: 466533
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.4

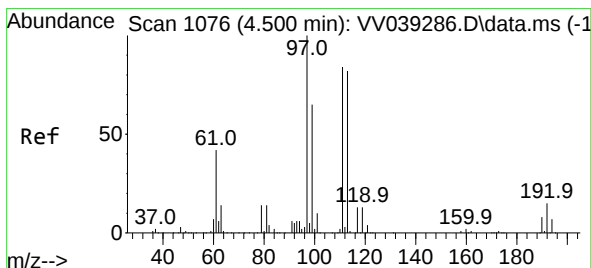
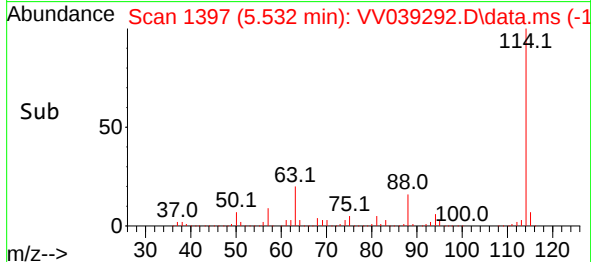
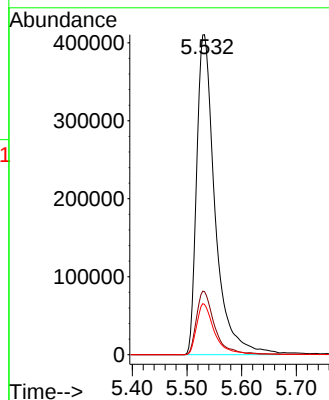
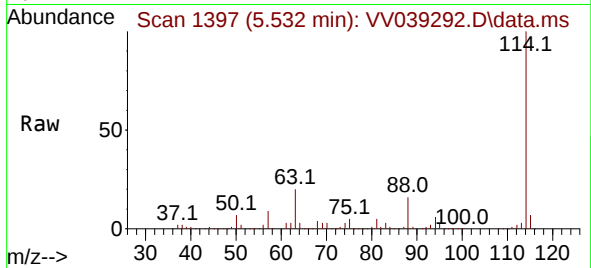




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039292.D
Acq: 21 Oct 2025 09:35

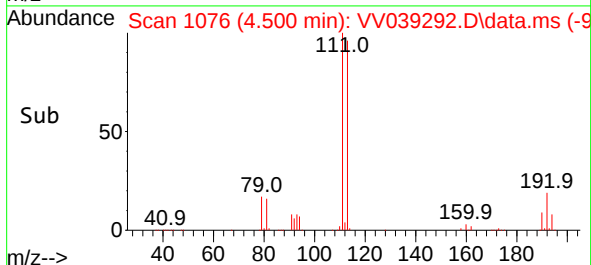
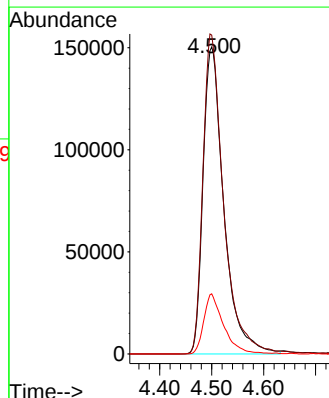
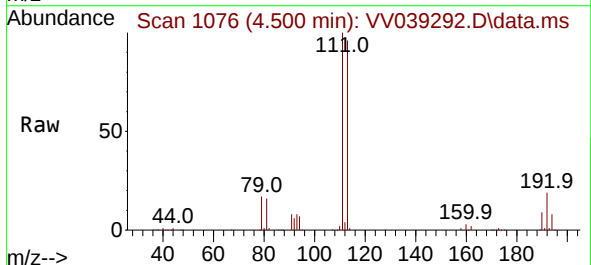
Instrument :
MSVOA_V
ClientSampleId :
VV1021MBL01

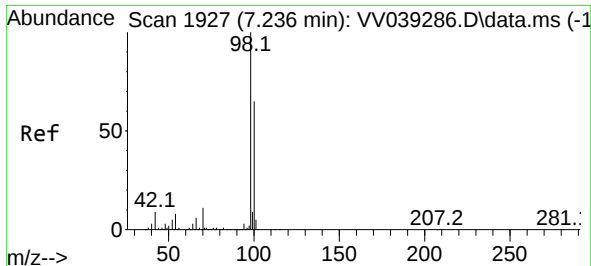
Tgt Ion:114 Resp: 957439
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 55.460 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039292.D
Acq: 21 Oct 2025 09:35

Tgt Ion:113 Resp: 418389
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 18.6 14.3 21.5

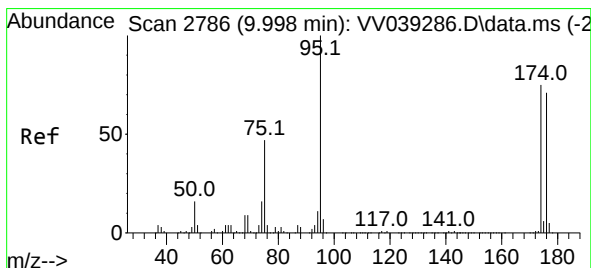
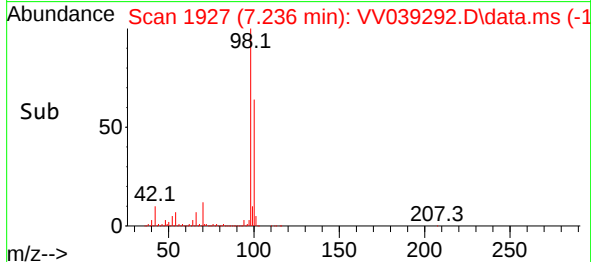
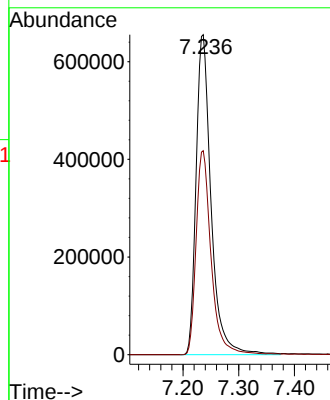
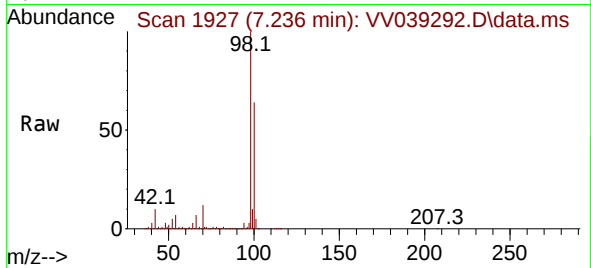




#50
Toluene-d8
Concen: 47.772 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039292.D
Acq: 21 Oct 2025 09:35

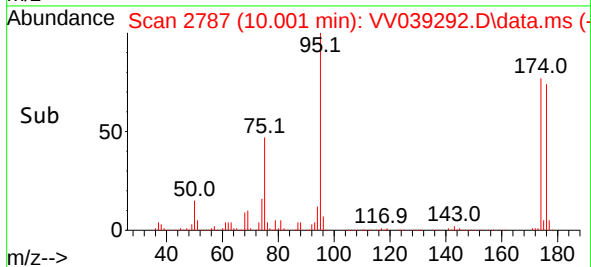
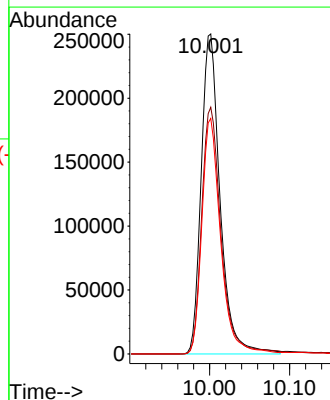
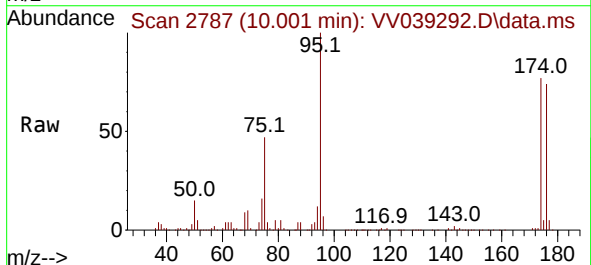
Instrument :
MSVOA_V
ClientSampleId :
VV1021MBL01

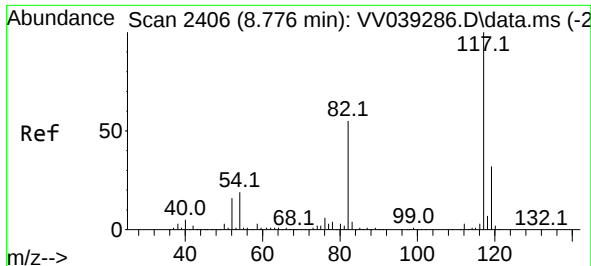
Tgt Ion: 98 Resp: 1226026
Ion Ratio Lower Upper
98 100
100 63.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.148 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039292.D
Acq: 21 Oct 2025 09:35

Tgt Ion: 95 Resp: 412657
Ion Ratio Lower Upper
95 100
174 79.4 0.0 153.6
176 73.3 0.0 146.0

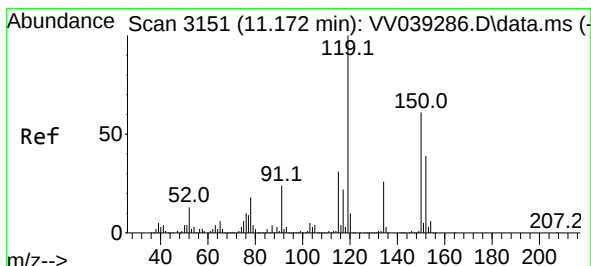
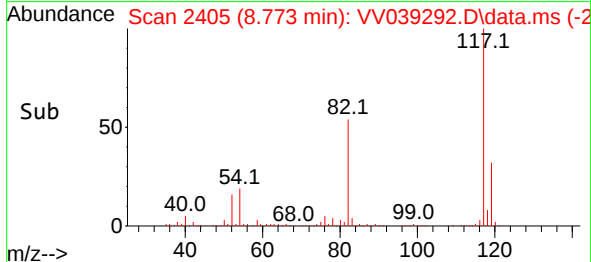
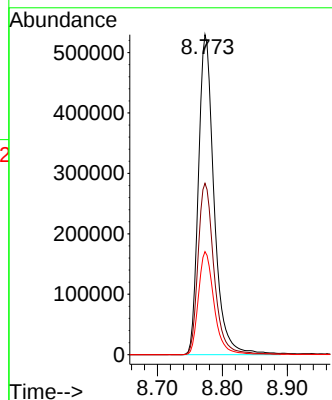
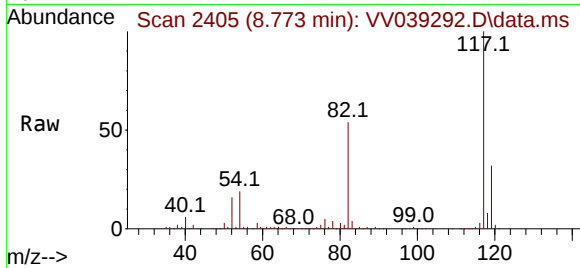




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039292.D
Acq: 21 Oct 2025 09:35

Instrument :
MSVOA_V
ClientSampleId :
VV1021MBL01

Tgt Ion:117 Resp: 890597
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039292.D
Acq: 21 Oct 2025 09:35

Tgt Ion:152 Resp: 381709
Ion Ratio Lower Upper
152 100
115 60.0 42.3 126.8
150 157.8 0.0 348.0

