

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039364.D
 Acq On : 12 Nov 2025 10:04
 Operator : SY/MD
 Sample : VV1112MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1112MBL01

Quant Time: Nov 14 00:17:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	687450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.526	114	1110064	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1038812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	504387	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	482546	56.898	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	113.800%
35) Dibromofluoromethane	4.497	113	409864	48.140	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.280%
50) Toluene-d8	7.233	98	1336833	47.515	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	95.020%
62) 4-Bromofluorobenzene	9.998	95	511162	47.282	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	94.560%

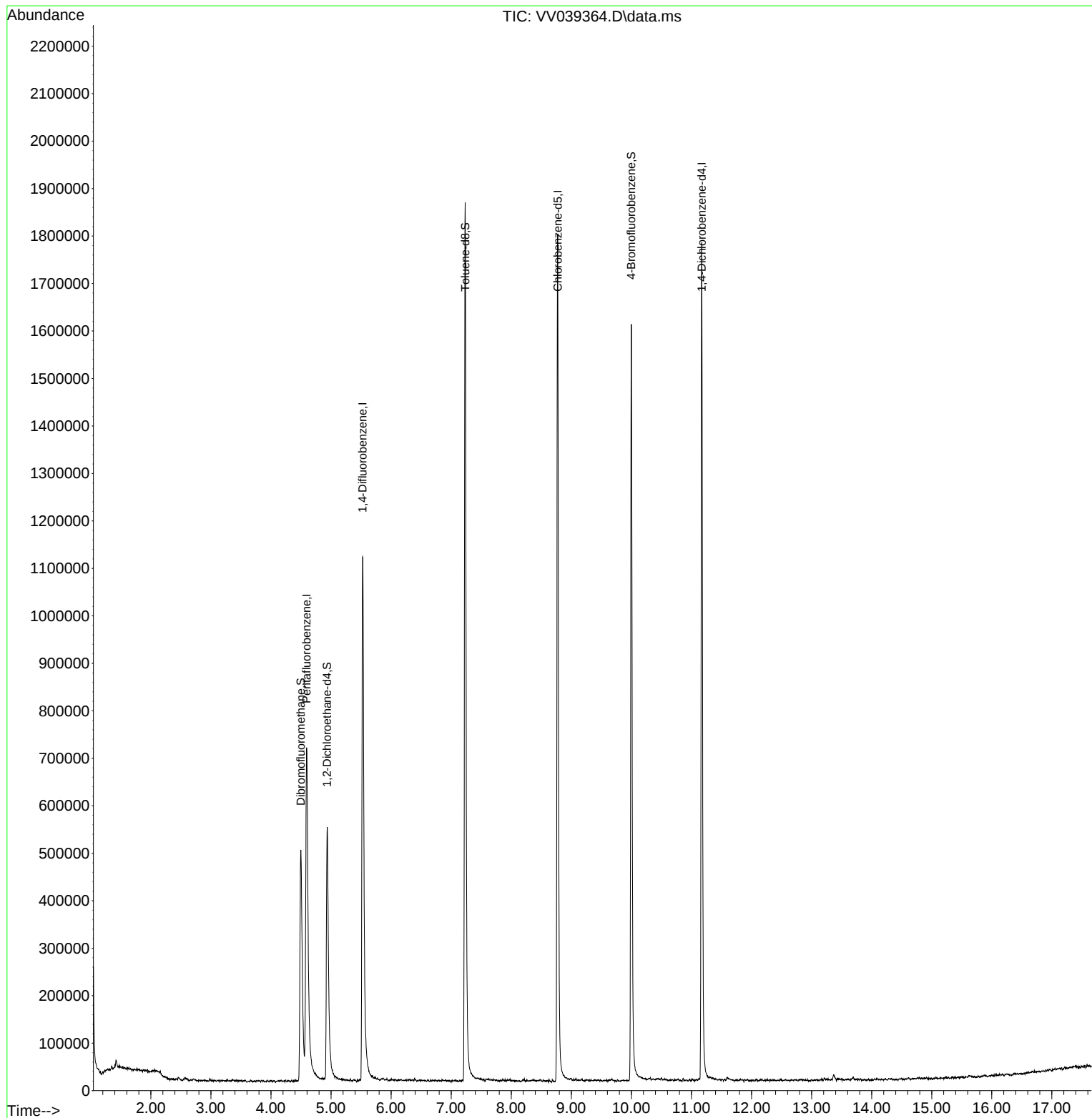
Target Compounds	Qvalue

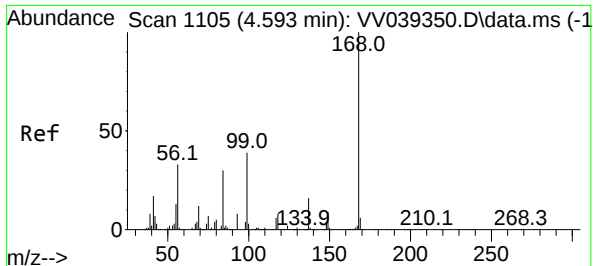
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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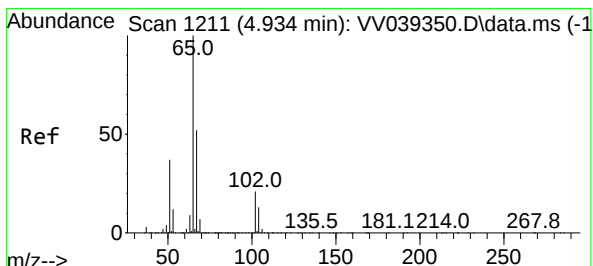
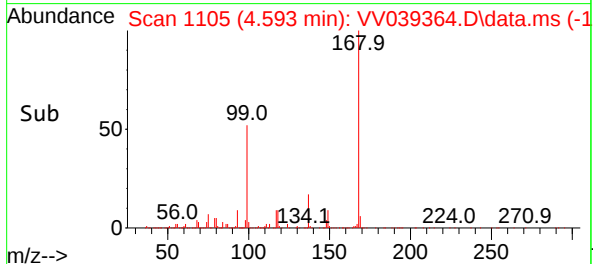
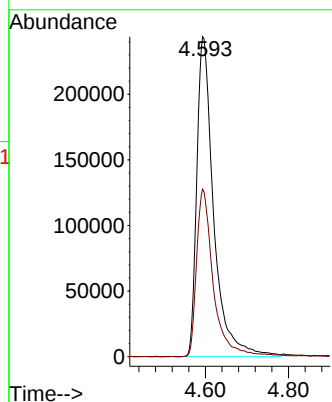
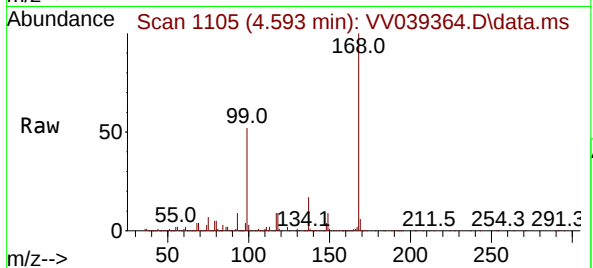




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VV039364.D
Acq: 12 Nov 2025 10:04

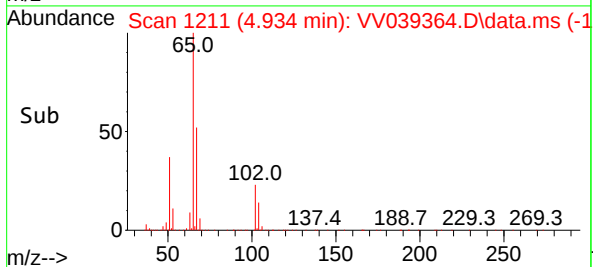
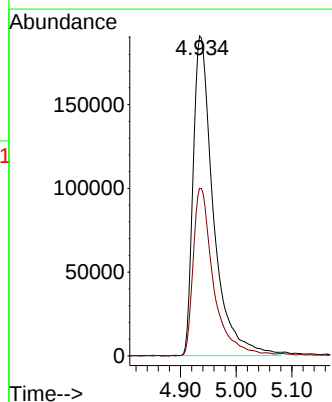
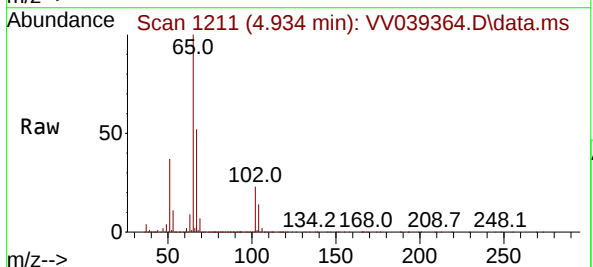
Instrument :
MSVOA_V
ClientSampleId :
VV1112MBL01

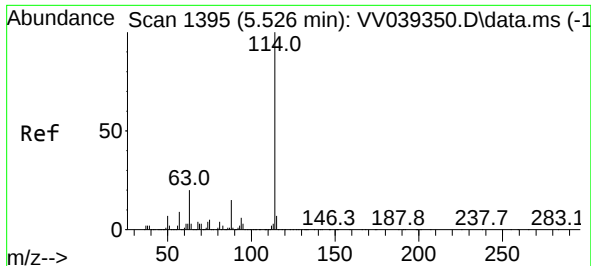
Tgt Ion:168 Resp: 687450
Ion Ratio Lower Upper
168 100
99 52.3 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 56.898 ug/l
RT: 4.934 min Scan# 1211
Delta R.T. 0.000 min
Lab File: VV039364.D
Acq: 12 Nov 2025 10:04

Tgt Ion: 65 Resp: 482546
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

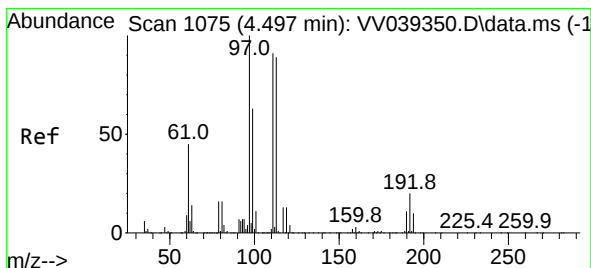
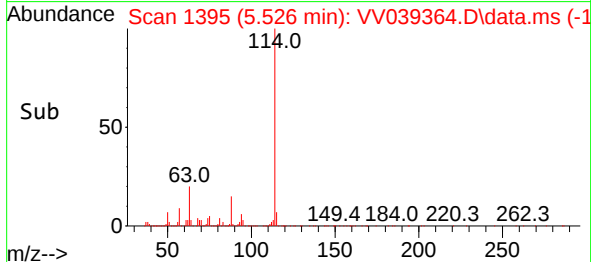
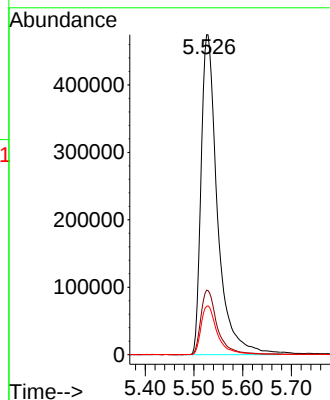
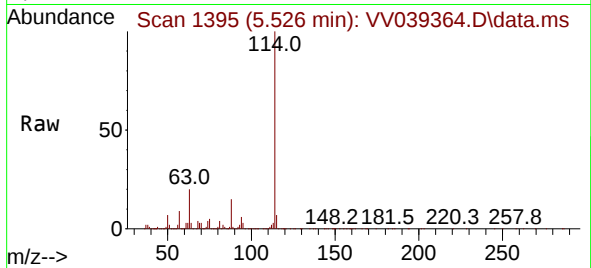




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VV039364.D
Acq: 12 Nov 2025 10:04

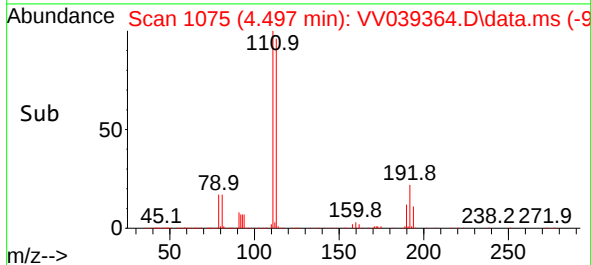
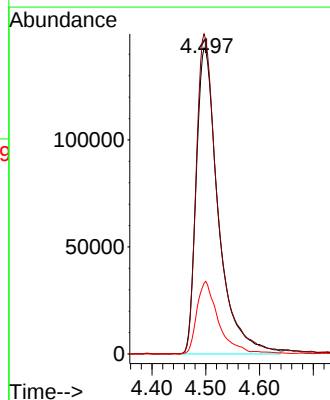
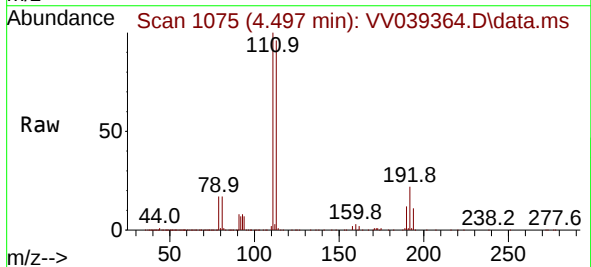
Instrument :
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ClientSampleId :
VV1112MBL01

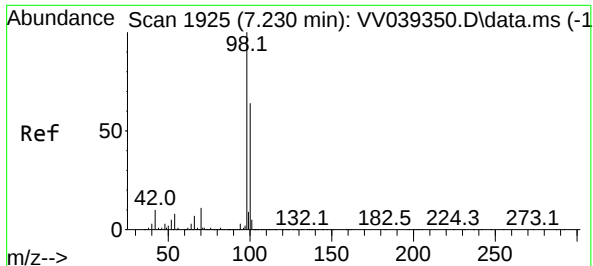
Tgt Ion:114 Resp: 1110064
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.6
88 15.1 0.0 30.2



#35
Dibromofluoromethane
Concen: 48.140 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VV039364.D
Acq: 12 Nov 2025 10:04

Tgt Ion:113 Resp: 409864
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 22.8 17.8 26.8

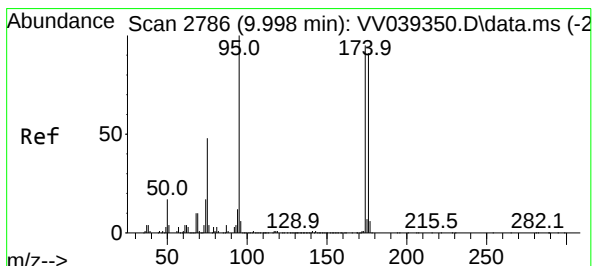
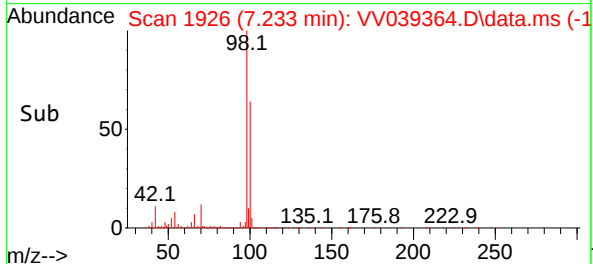
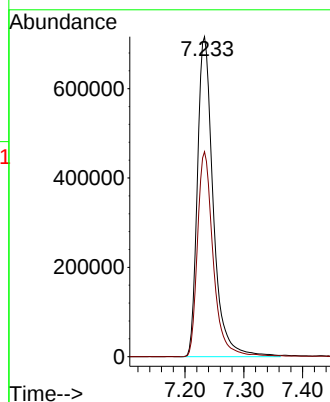
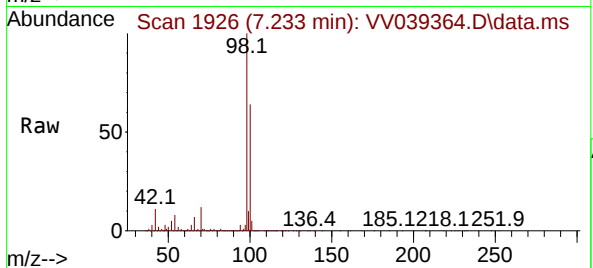




#50
Toluene-d8
Concen: 47.515 ug/l
RT: 7.233 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV039364.D
Acq: 12 Nov 2025 10:04

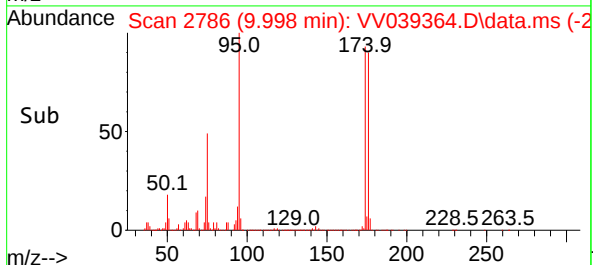
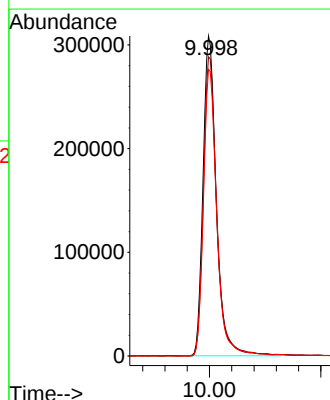
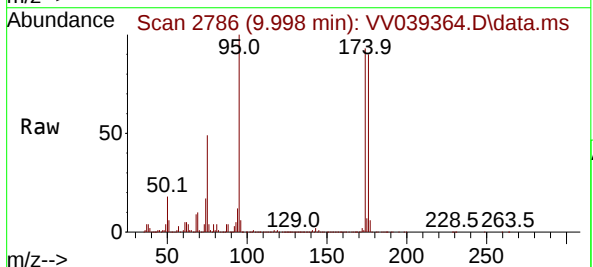
Instrument :
MSVOA_V
ClientSampleId :
VV1112MBL01

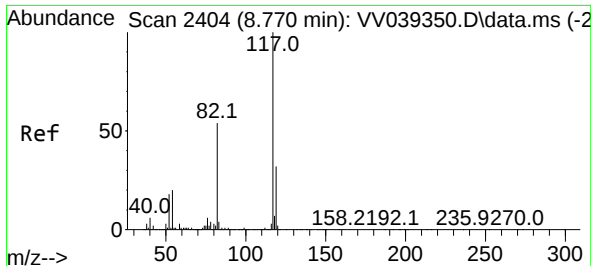
Tgt Ion: 98 Resp: 1336833
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.282 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039364.D
Acq: 12 Nov 2025 10:04

Tgt Ion: 95 Resp: 511162
Ion Ratio Lower Upper
95 100
174 94.9 0.0 187.6
176 89.8 0.0 180.2

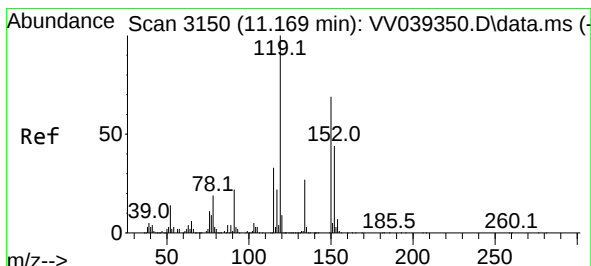
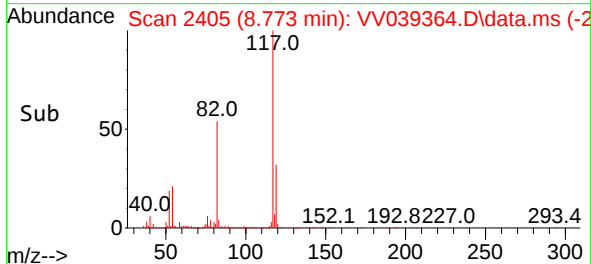
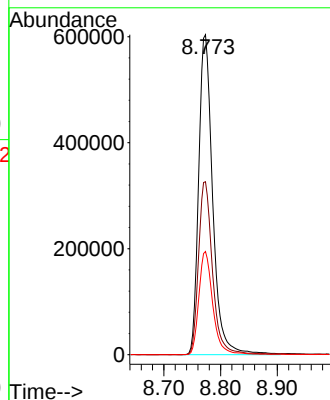
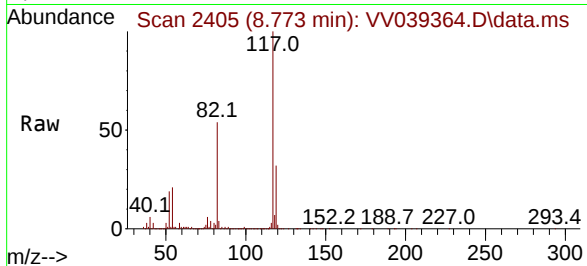




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VV039364.D
Acq: 12 Nov 2025 10:04

Instrument :
MSVOA_V
ClientSampleId :
VV1112MBL01

Tgt Ion:117 Resp: 1038812
Ion Ratio Lower Upper
117 100
82 54.0 42.9 64.3
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV039364.D
Acq: 12 Nov 2025 10:04

Tgt Ion:152 Resp: 504387
Ion Ratio Lower Upper
152 100
115 54.9 37.3 111.9
150 154.6 0.0 340.4

