

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087664.D
 Acq On : 25 Aug 2025 17:29
 Operator : JC\MD
 Sample : Q2909-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4065

Quant Time: Aug 26 01:40:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

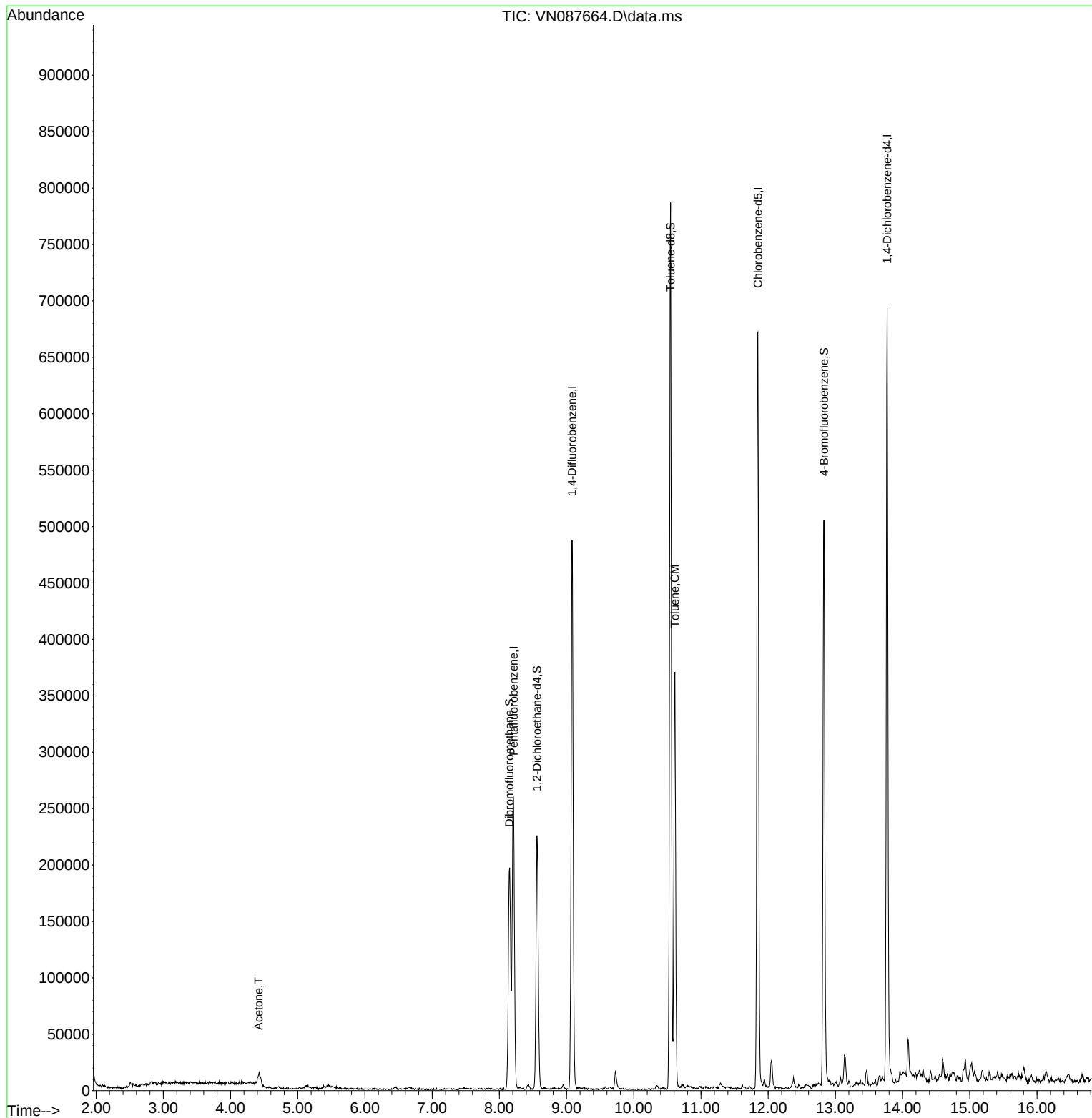
Internal Standards						
1) Pentafluorobenzene	8.212	168	174514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	396343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	363540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	168797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	185252	51.810	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.620%			
35) Dibromofluoromethane	8.147	113	139292	48.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.360%			
50) Toluene-d8	10.547	98	509350	47.557	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.120%			
62) 4-Bromofluorobenzene	12.829	95	178923	46.974	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.940%			
Target Compounds						
16) Acetone	4.418	43	17526	9.004	ug/l	94
52) Toluene	10.612	92	151939	18.202	ug/l	97

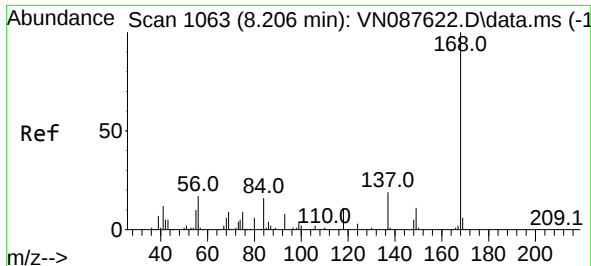
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087664.D
Acq On : 25 Aug 2025 17:29
Operator : JC\MD
Sample : Q2909-02 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
4065

Quant Time: Aug 26 01:40:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

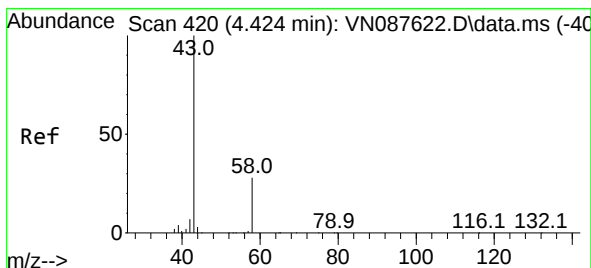
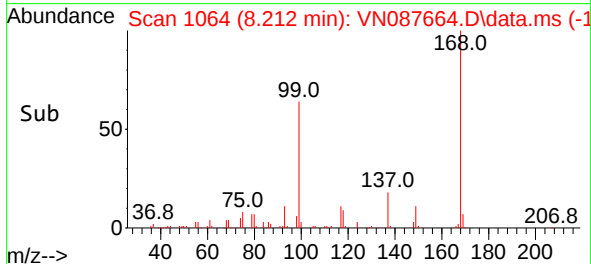
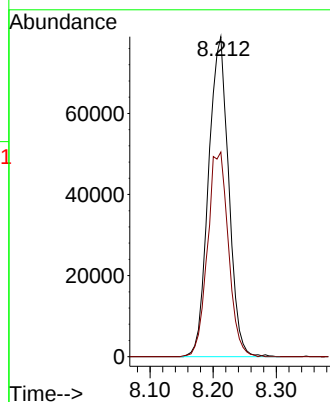
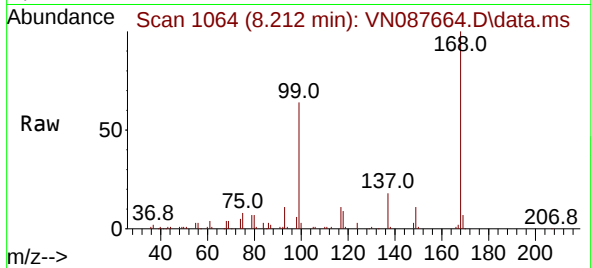




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087664.D
Acq: 25 Aug 2025 17:29

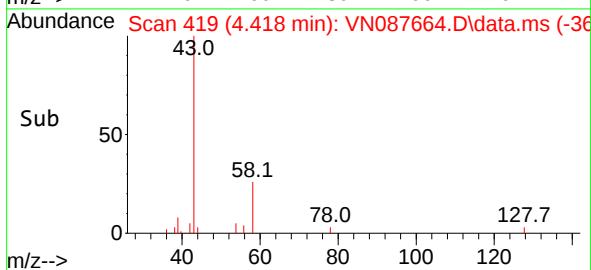
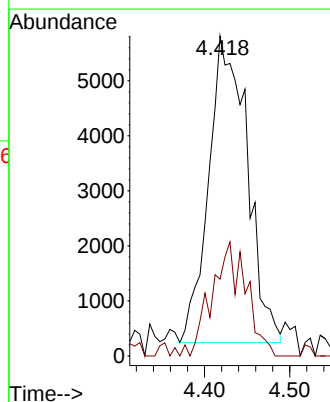
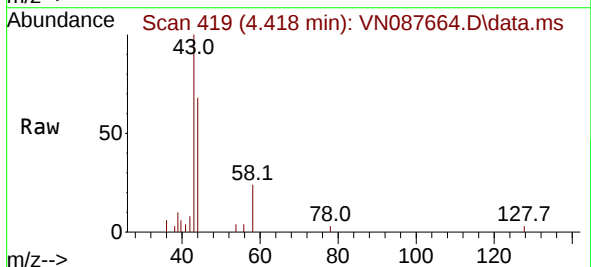
Instrument :
MSVOA_N
ClientSampleId :
4065

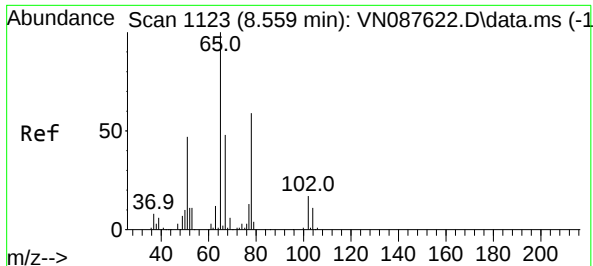
Tgt Ion:168 Resp: 174514
Ion Ratio Lower Upper
168 100
99 64.0 57.2 85.8



#16
Acetone
Concen: 9.004 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087664.D
Acq: 25 Aug 2025 17:29

Tgt Ion: 43 Resp: 17526
Ion Ratio Lower Upper
43 100
58 25.1 22.6 33.8

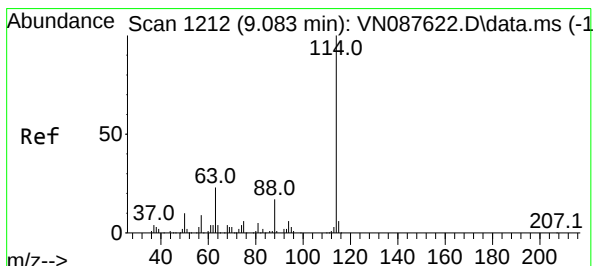
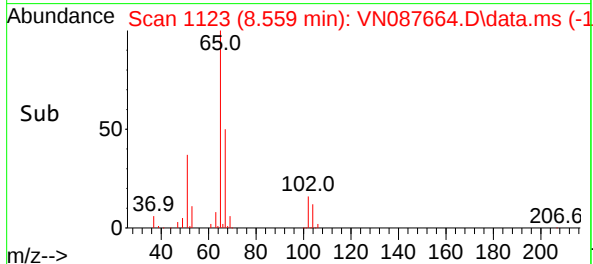
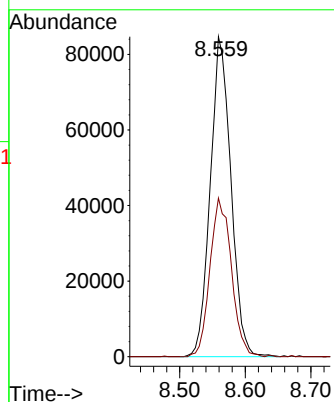
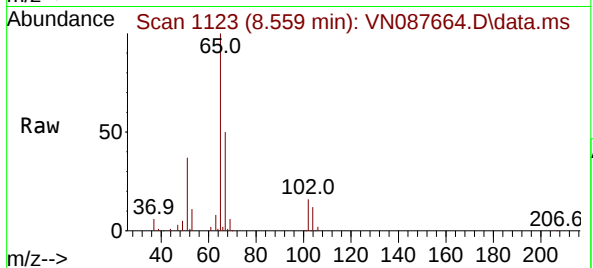




#33
1,2-Dichloroethane-d4
Concen: 51.810 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087664.D
Acq: 25 Aug 2025 17:29

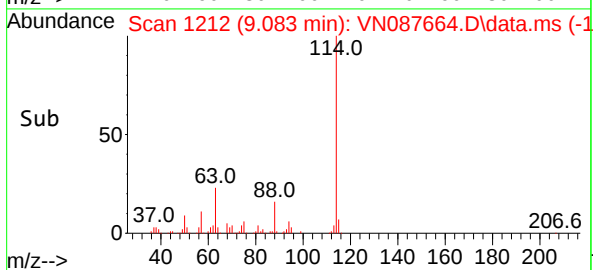
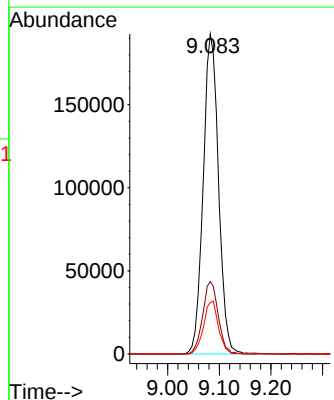
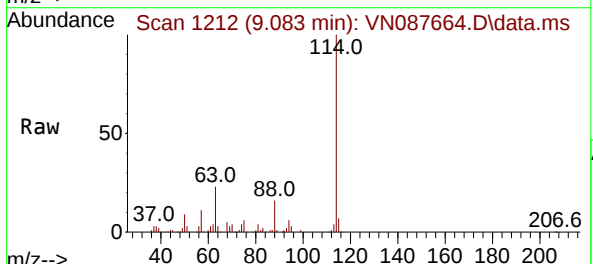
Instrument :
MSVOA_N
ClientSampleId :
4065

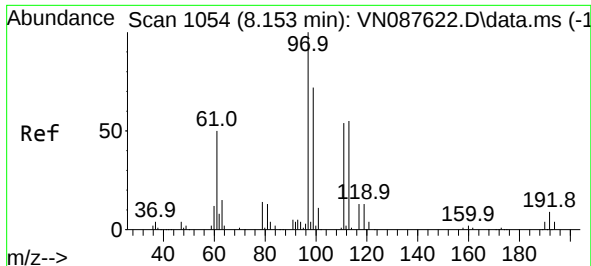
Tgt Ion: 65 Resp: 185252
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087664.D
Acq: 25 Aug 2025 17:29

Tgt Ion: 114 Resp: 396343
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.2
88 16.1 0.0 33.4

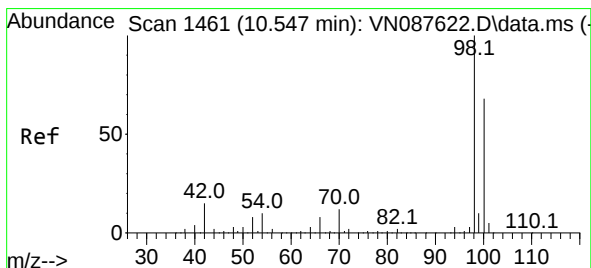
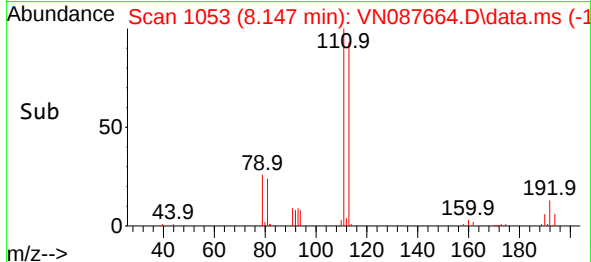
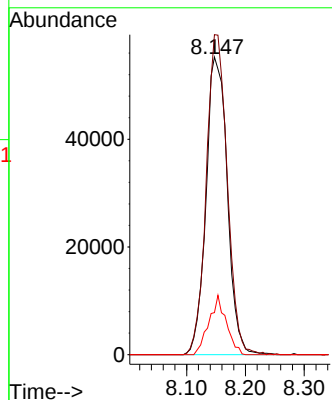
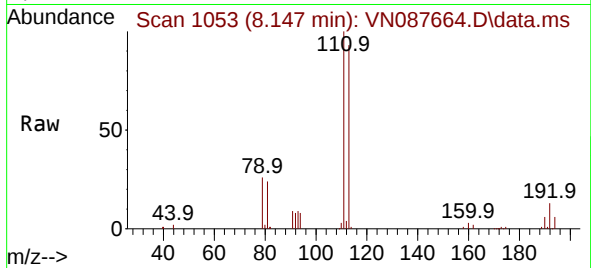




#35
Dibromofluoromethane
Concen: 48.676 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087664.D
Acq: 25 Aug 2025 17:29

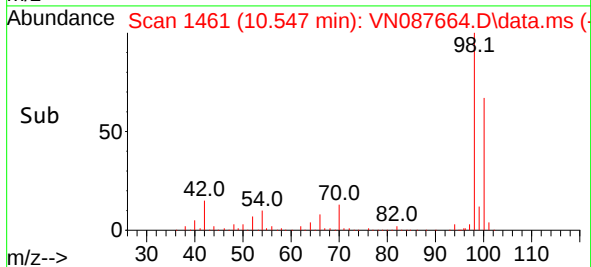
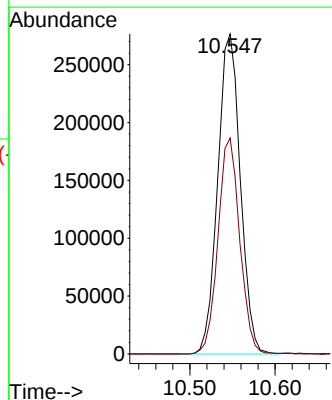
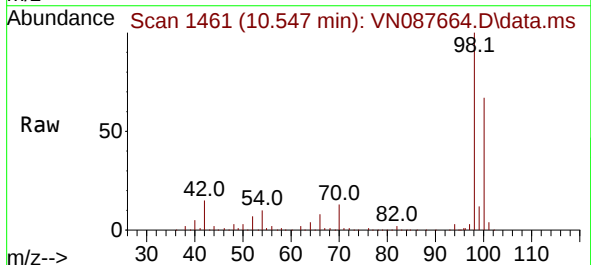
Instrument :
MSVOA_N
ClientSampleId :
4065

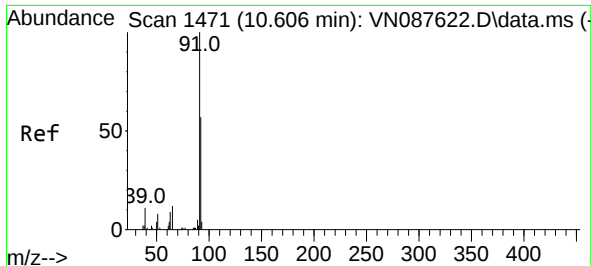
Tgt Ion:113 Resp: 139292
Ion Ratio Lower Upper
113 100
111 106.0 82.8 124.2
192 16.3 12.8 19.2



#50
Toluene-d8
Concen: 47.557 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087664.D
Acq: 25 Aug 2025 17:29

Tgt Ion: 98 Resp: 509350
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2

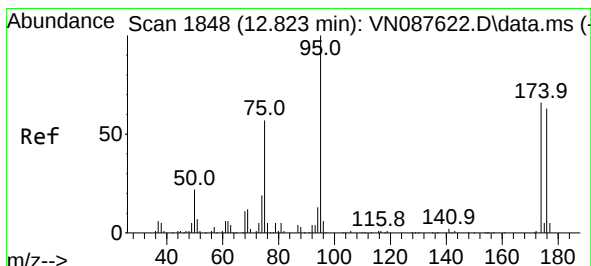
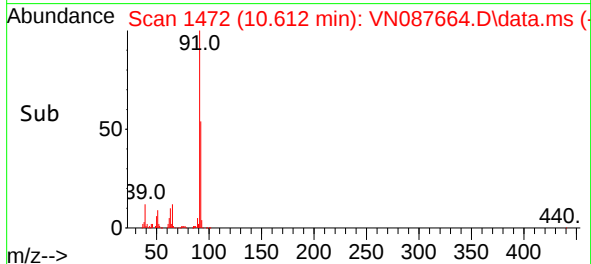
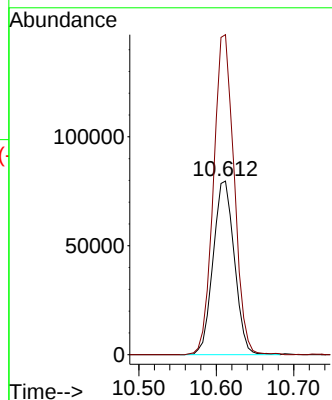
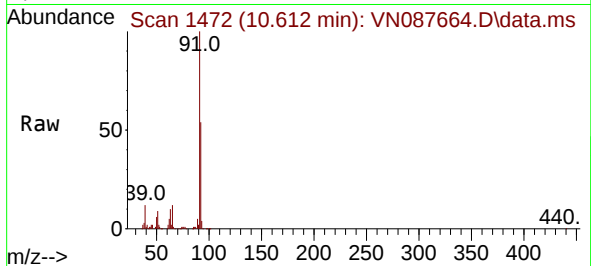




#52
Toluene
Concen: 18.202 ug/l
RT: 10.612 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VN087664.D
Acq: 25 Aug 2025 17:29

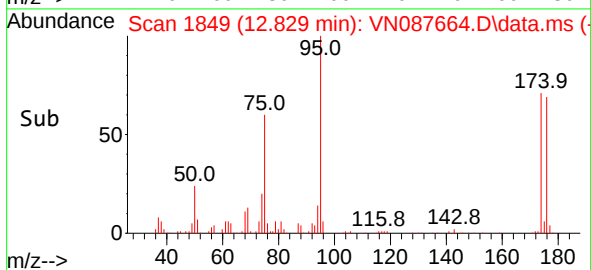
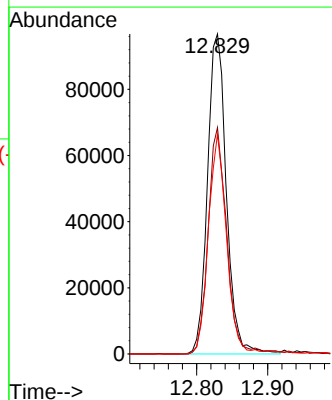
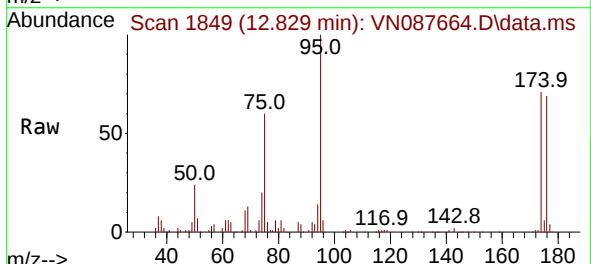
Instrument :
MSVOA_N
ClientSampleId :
4065

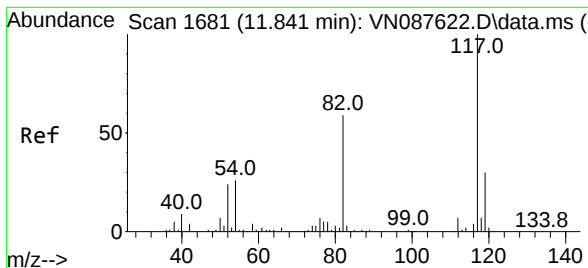
Tgt Ion: 92 Resp: 151939
Ion Ratio Lower Upper
92 100
91 179.2 140.4 210.6



#62
4-Bromofluorobenzene
Concen: 46.974 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087664.D
Acq: 25 Aug 2025 17:29

Tgt Ion: 95 Resp: 178923
Ion Ratio Lower Upper
95 100
174 69.5 0.0 138.4
176 65.9 0.0 132.6

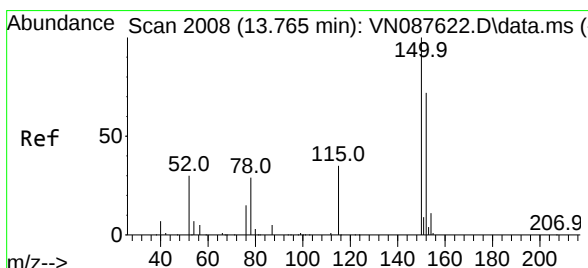
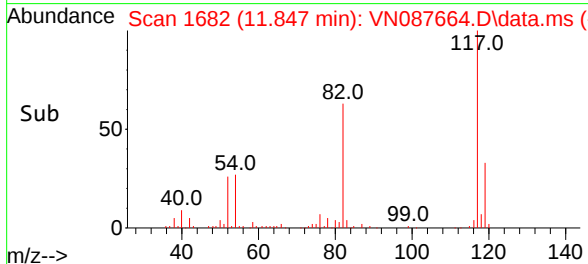
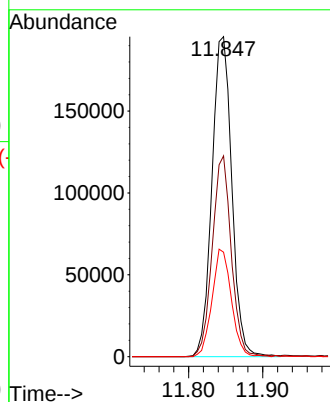
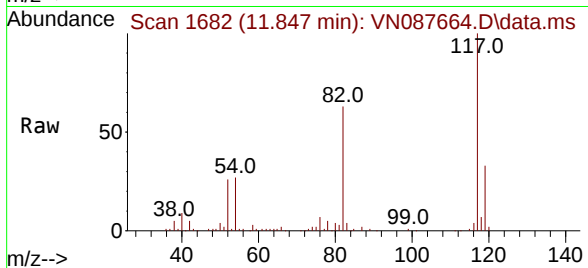




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087664.D
Acq: 25 Aug 2025 17:29

Instrument :
MSVOA_N
ClientSampleId :
4065

Tgt Ion:117 Resp: 363540
Ion Ratio Lower Upper
117 100
82 62.8 47.4 71.2
119 32.6 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087664.D
Acq: 25 Aug 2025 17:29

Tgt Ion:152 Resp: 168797
Ion Ratio Lower Upper
152 100
115 66.3 32.3 96.8
150 161.4 0.0 351.0

