

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088251.D
 Acq On : 11 Nov 2025 13:03
 Operator : JC\MD
 Sample : Q3581-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-245

Quant Time: Nov 12 01:14:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

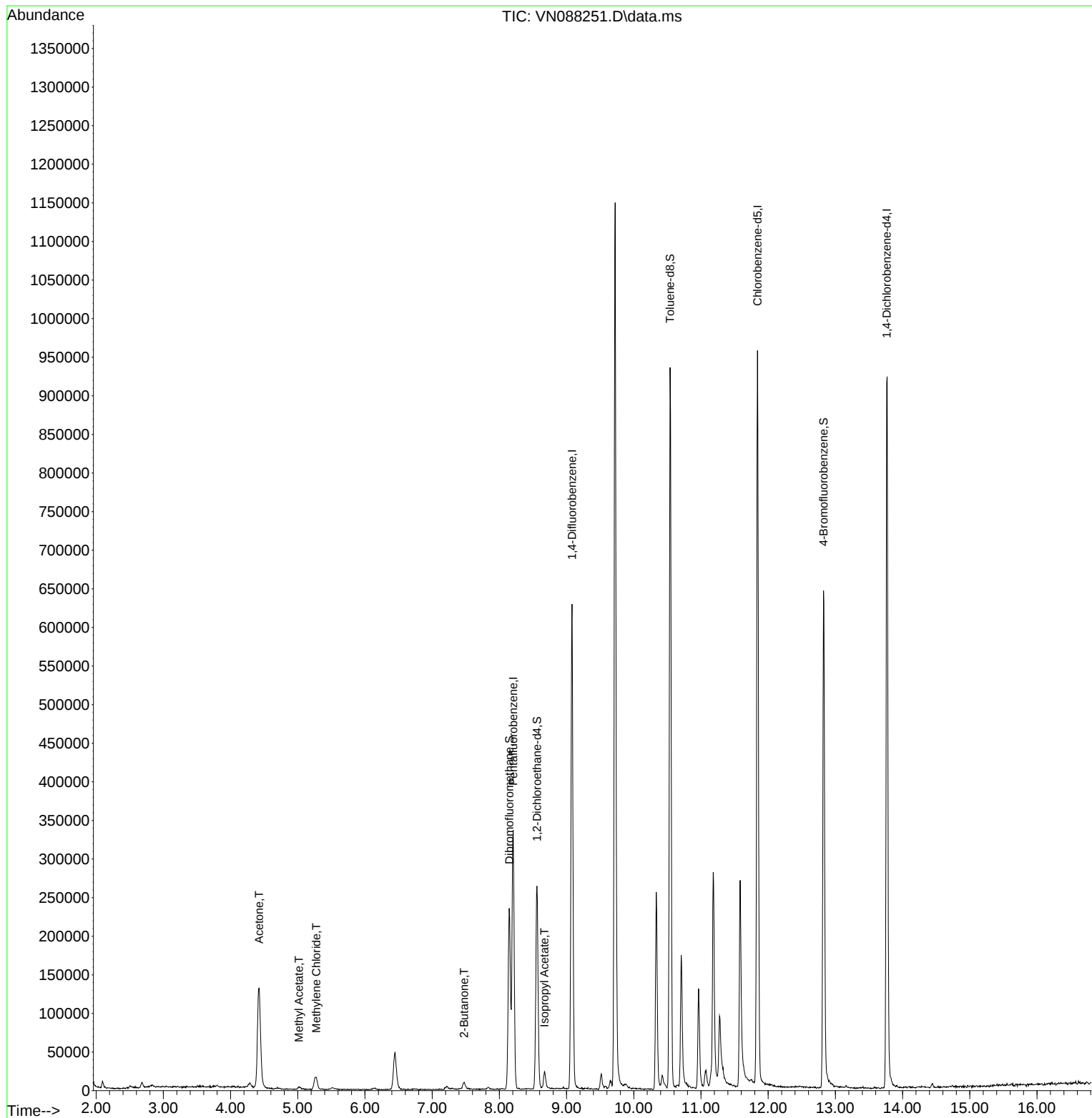
Internal Standards						
1) Pentafluorobenzene	8.206	168	220001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	508325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	502966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	242799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	223627	58.783	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 117.560%		
35) Dibromofluoromethane	8.147	113	163537	47.888	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.780%		
50) Toluene-d8	10.541	98	616071	46.820	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.640%		
62) 4-Bromofluorobenzene	12.823	95	236225	50.833	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.660%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	273419	143.060	ug/l	96
18) Methyl Acetate	5.018	43	7117	1.819	ug/l #	82
20) Methylene Chloride	5.277	84	13244	4.128	ug/l #	82
25) 2-Butanone	7.477	43	18540	7.361	ug/l #	89
43) Isopropyl Acetate	8.671	43	27962	2.828	ug/l #	90

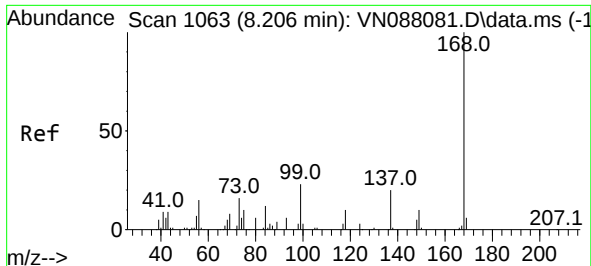
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
Data File : VN088251.D
Acq On : 11 Nov 2025 13:03
Operator : JC\MD
Sample : Q3581-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VNJ-245

Quant Time: Nov 12 01:14:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

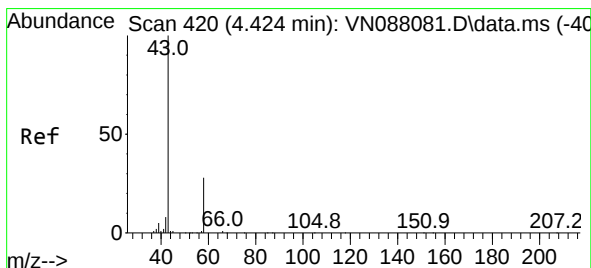
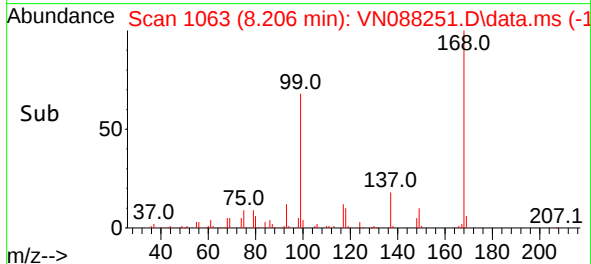
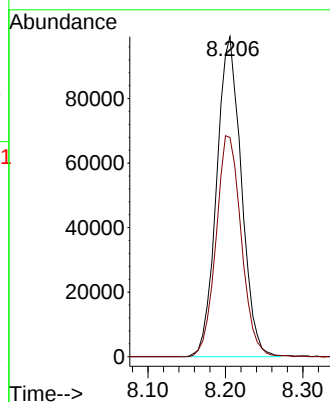
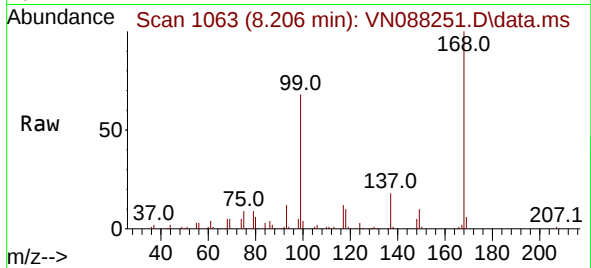




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

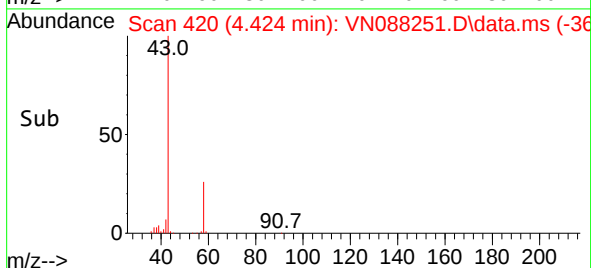
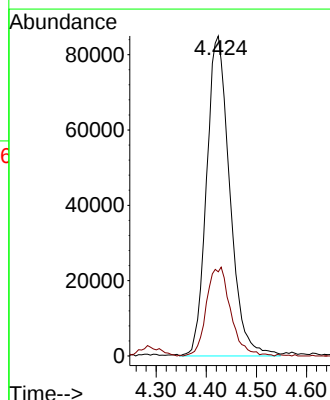
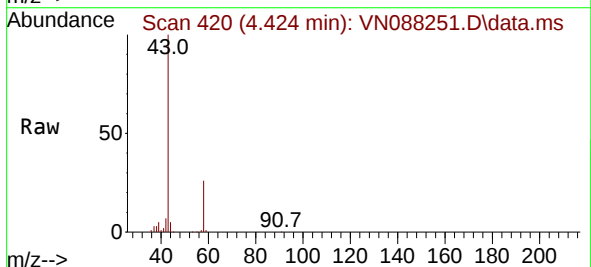
Instrument :
MSVOA_N
ClientSampleId :
VNJ-245

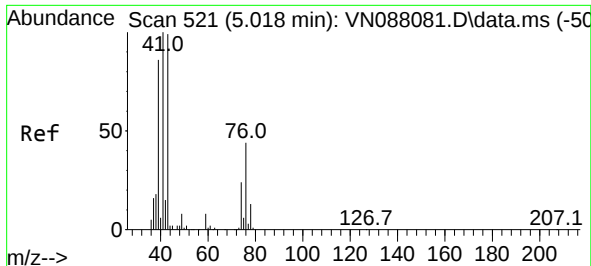
Tgt Ion:168 Resp: 220001
Ion Ratio Lower Upper
168 100
99 68.5 57.2 85.8



#16
Acetone
Concen: 143.060 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

Tgt Ion: 43 Resp: 273419
Ion Ratio Lower Upper
43 100
58 26.0 22.6 33.8

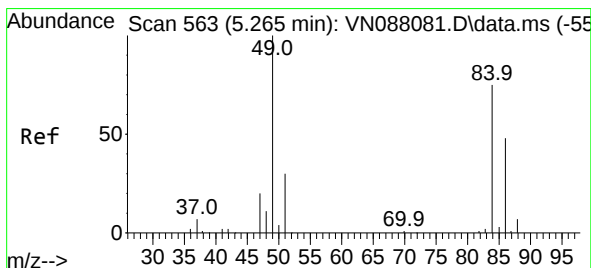
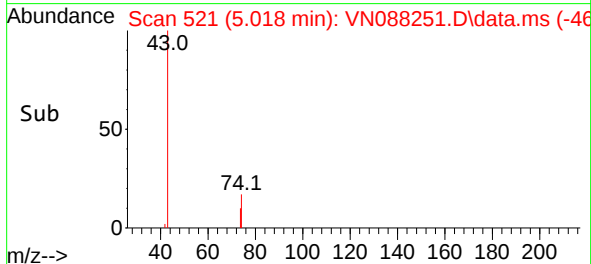
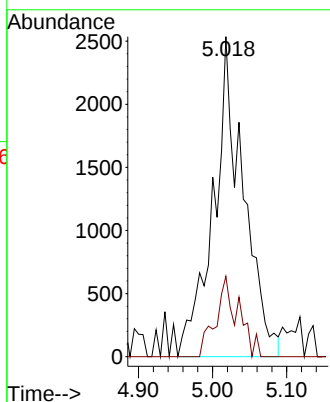
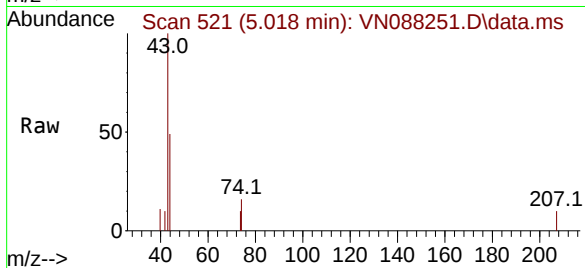




#18
Methyl Acetate
Concen: 1.819 ug/l
RT: 5.018 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

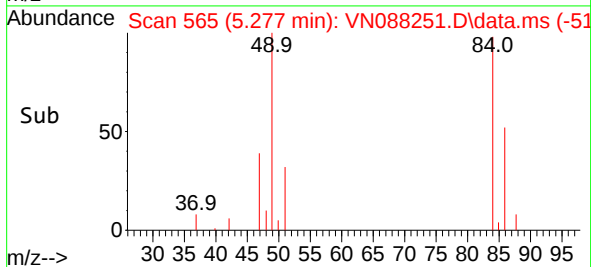
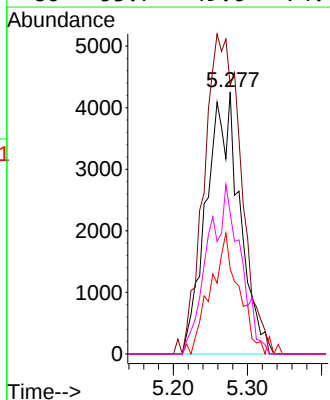
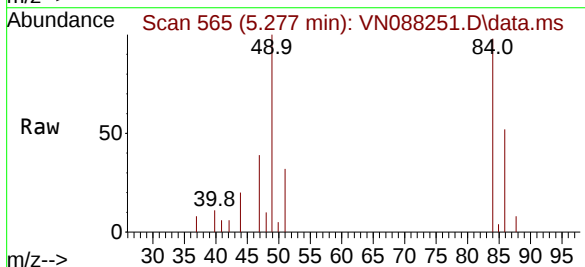
Instrument :
MSVOA_N
ClientSampleId :
VNJ-245

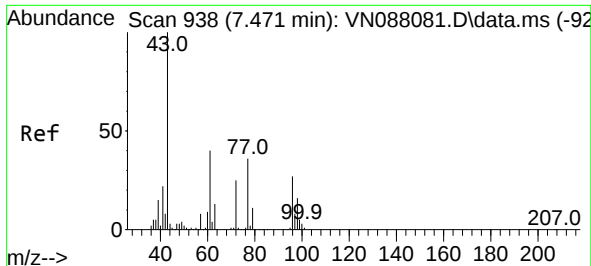
Tgt Ion: 43 Resp: 7117
Ion Ratio Lower Upper
43 100
74 13.2 17.6 26.4#



#20
Methylene Chloride
Concen: 4.128 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

Tgt Ion: 84 Resp: 13244
Ion Ratio Lower Upper
84 100
49 102.5 103.4 155.2#
51 32.5 33.8 50.8#
86 53.7 49.6 74.4

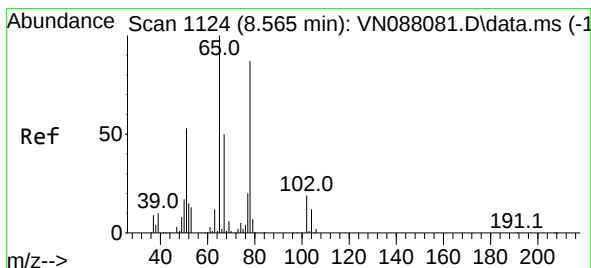
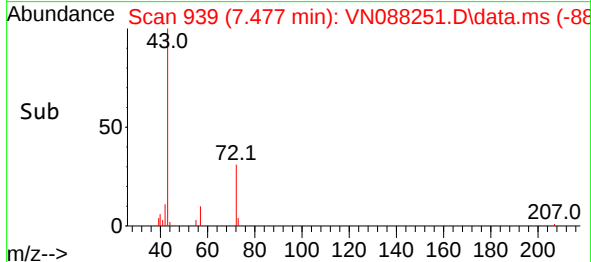
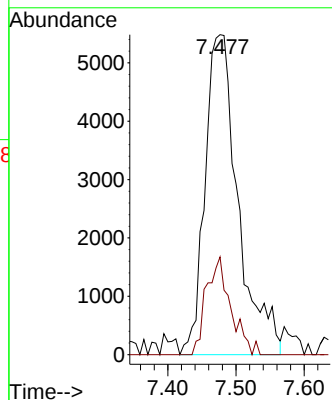
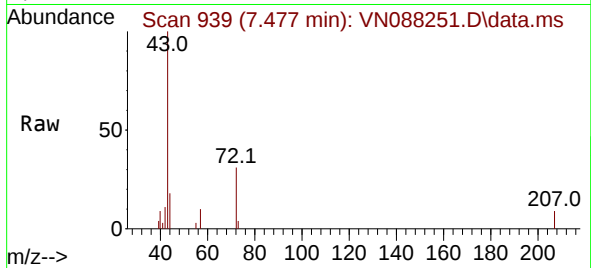




#25
2-Butanone
Concen: 7.361 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

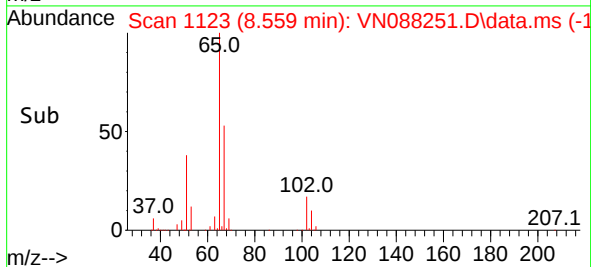
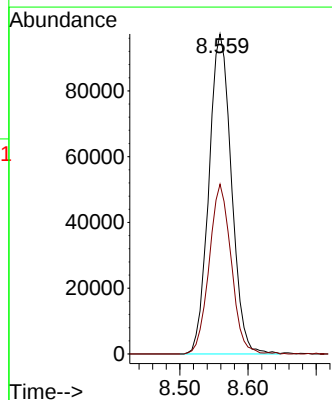
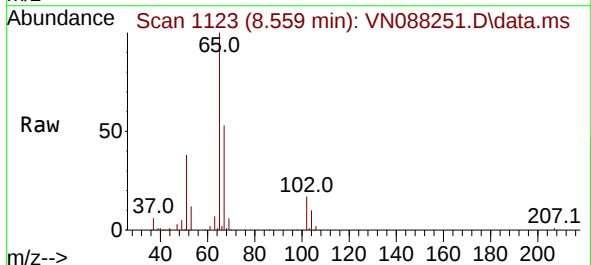
Instrument :
MSVOA_N
ClientSampleId :
VNJ-245

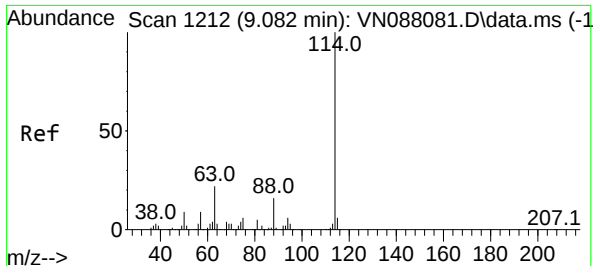
Tgt Ion: 43 Resp: 18540
Ion Ratio Lower Upper
43 100
72 30.6 19.9 29.9#



#33
1,2-Dichloroethane-d4
Concen: 58.783 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

Tgt Ion: 65 Resp: 223627
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.0

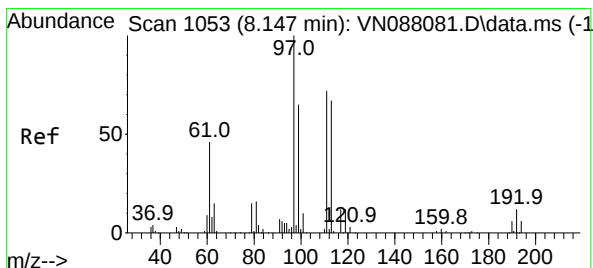
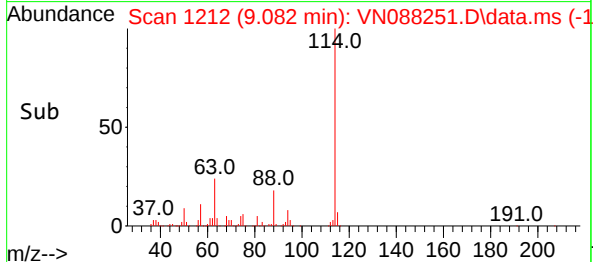
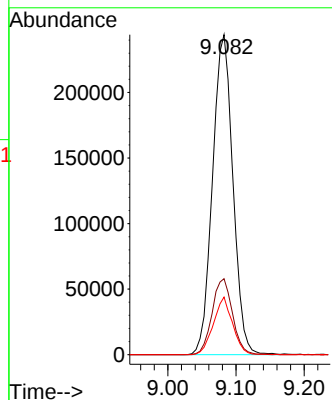
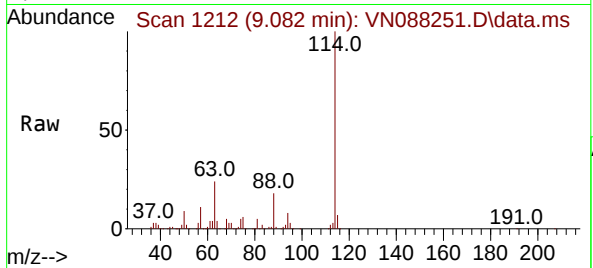




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

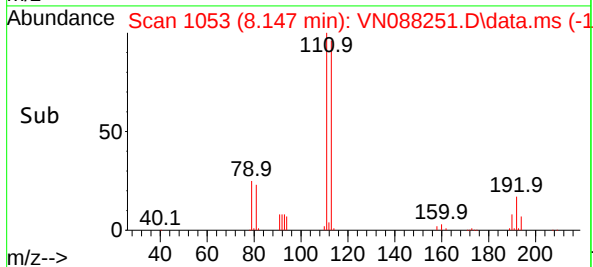
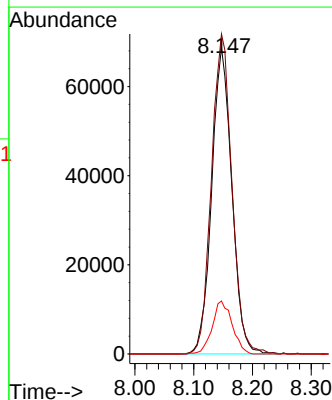
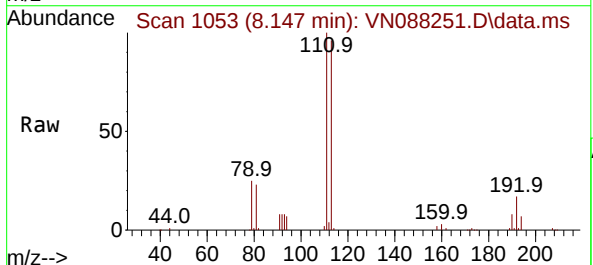
Instrument :
MSVOA_N
ClientSampleId :
VNJ-245

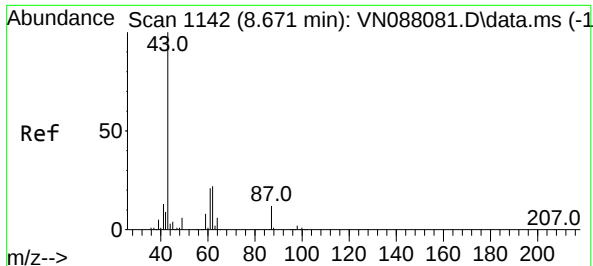
Tgt Ion:114 Resp: 508325
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.2
88 18.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.888 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

Tgt Ion:113 Resp: 163537
Ion Ratio Lower Upper
113 100
111 106.0 82.8 124.2
192 17.1 12.8 19.2

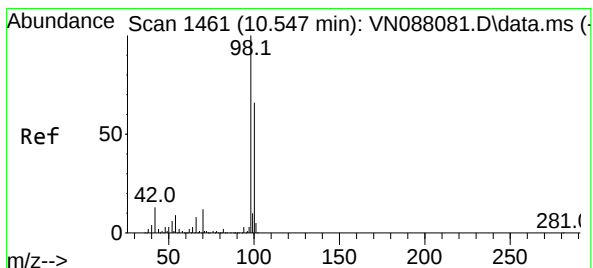
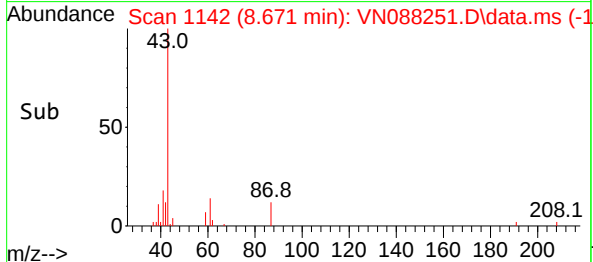
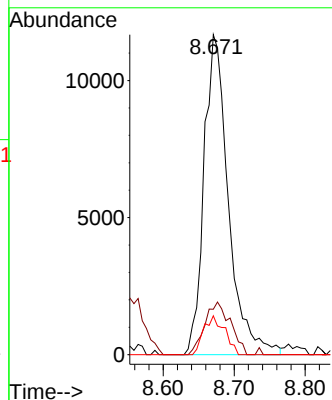
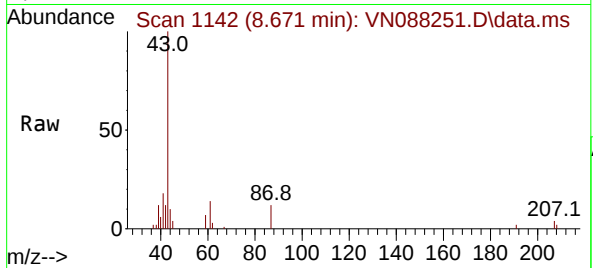




#43
Isopropyl Acetate
Concen: 2.828 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

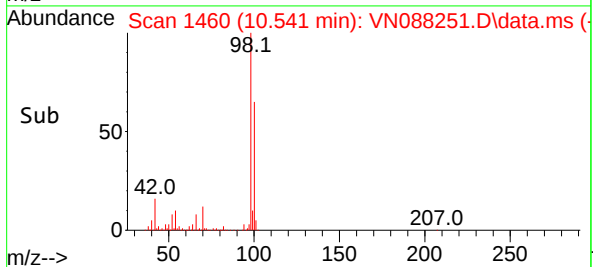
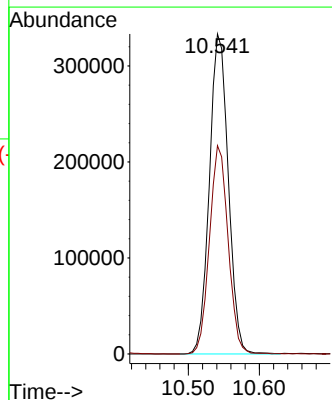
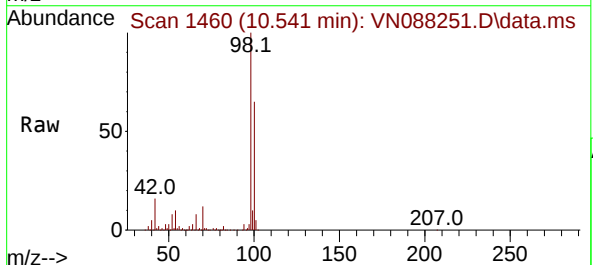
Instrument :
MSVOA_N
ClientSampleId :
VNJ-245

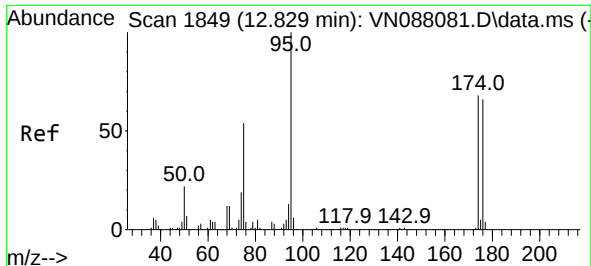
Tgt Ion: 43 Resp: 27962
Ion Ratio Lower Upper
43 100
61 17.2 18.8 28.2#
87 10.4 9.6 14.4



#50
Toluene-d8
Concen: 46.820 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

Tgt Ion: 98 Resp: 616071
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2

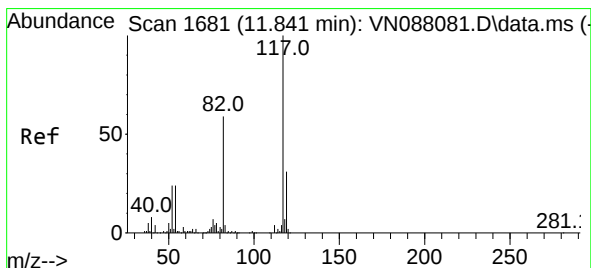
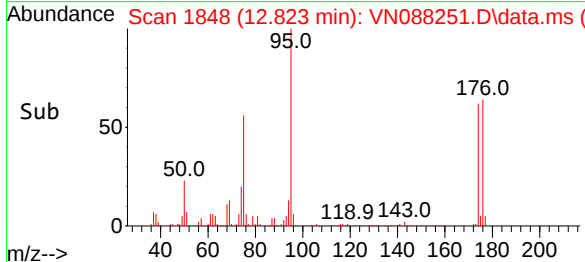
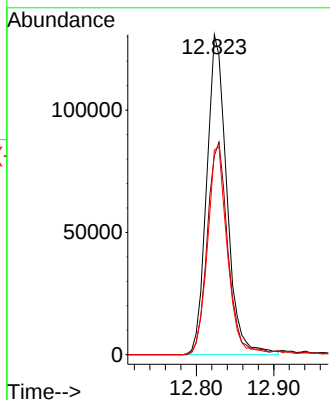
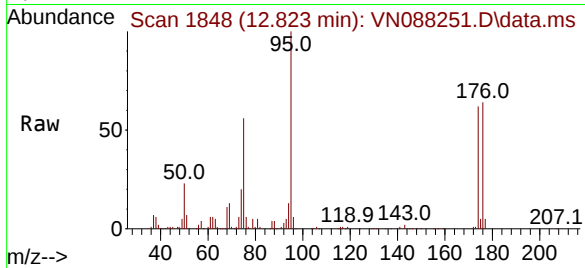




#62
4-Bromofluorobenzene
Concen: 50.833 ug/l
RT: 12.823 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

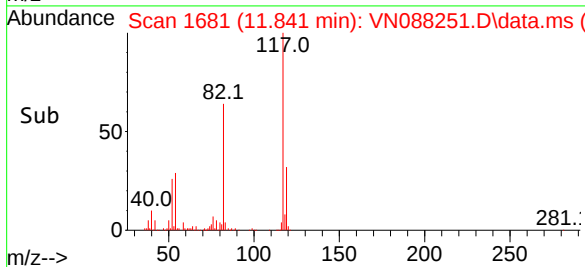
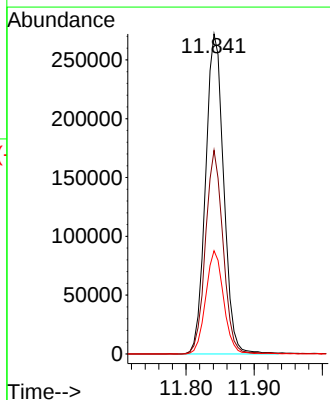
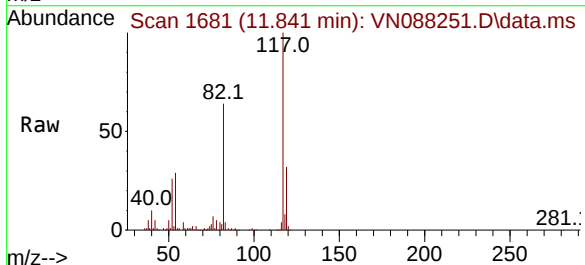
Instrument :
MSVOA_N
ClientSampleId :
VNJ-245

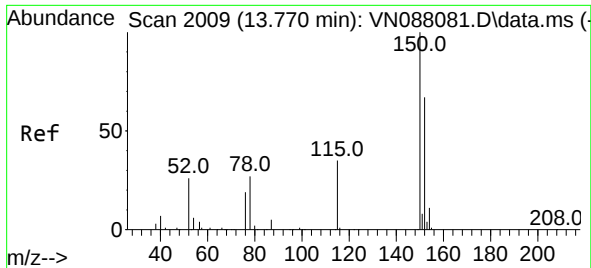
Tgt Ion: 95 Resp: 236225
Ion Ratio Lower Upper
95 100
174 68.3 0.0 138.4
176 64.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

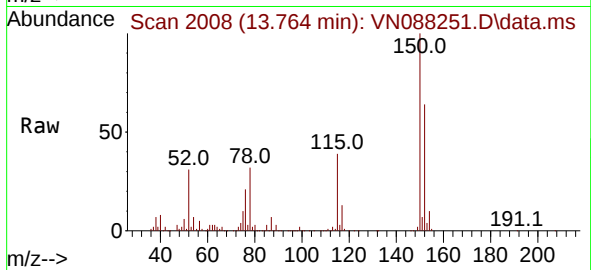
Tgt Ion: 117 Resp: 502966
Ion Ratio Lower Upper
117 100
82 63.6 47.4 71.2
119 32.2 24.3 36.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN088251.D
Acq: 11 Nov 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VNJ-245



Tgt Ion:	Ratio	Lower	Upper
152	100		
115	63.4	32.3	96.8
150	156.7	0.0	351.0

