

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088252.D
 Acq On : 11 Nov 2025 13:23
 Operator : JC\MD
 Sample : Q3581-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-240

Quant Time: Nov 12 01:14:52 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)

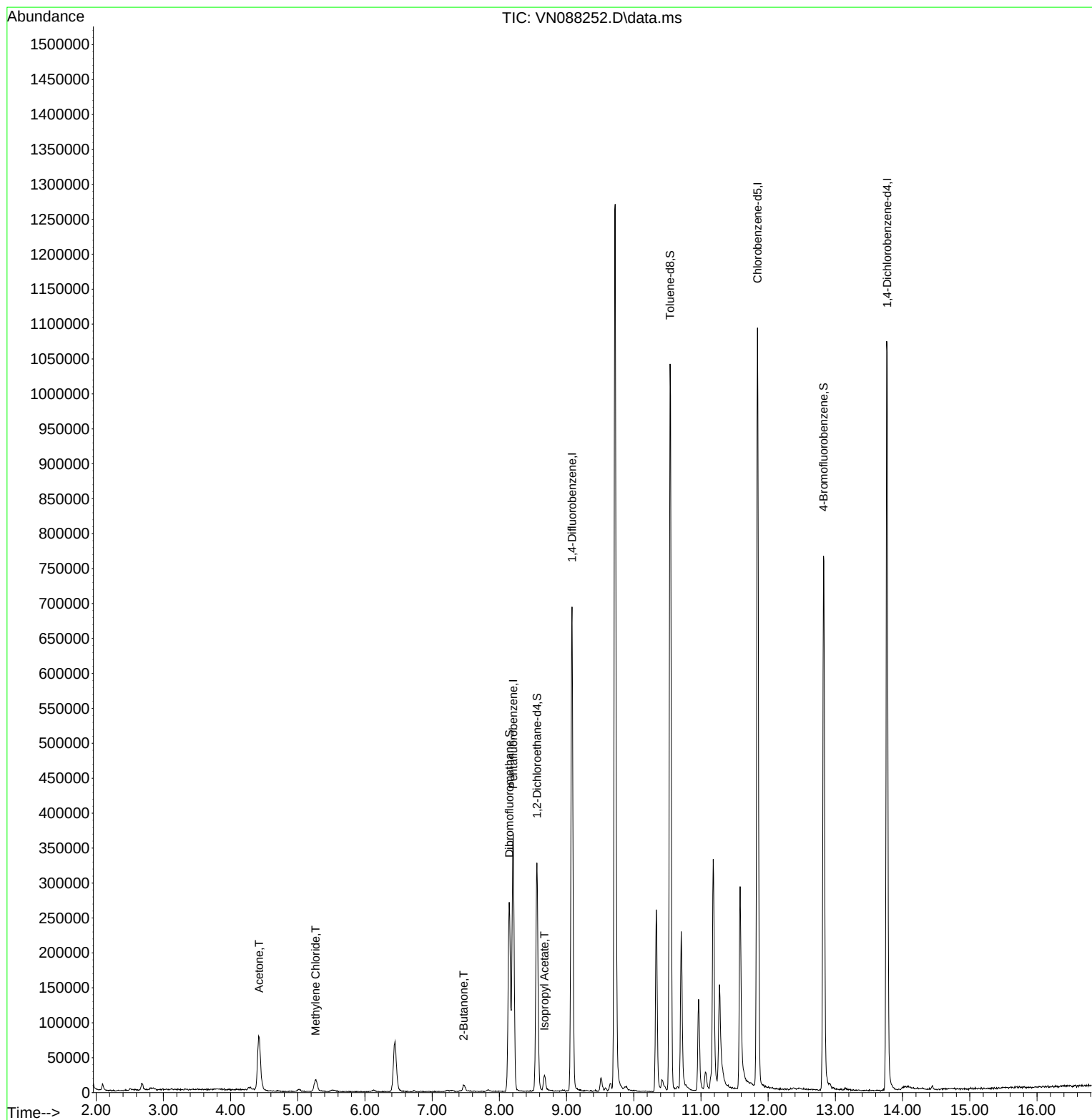
Internal Standards						
1) Pentafluorobenzene	8.206	168	239679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	562332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	577602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	280457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	271534	65.516	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 131.040%#		
35) Dibromofluoromethane	8.147	113	194108	51.382	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.760%		
50) Toluene-d8	10.541	98	697398	47.910	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.820%		
62) 4-Bromofluorobenzene	12.823	95	276319	53.750	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 107.500%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	164879	79.186	ug/l	95
20) Methylene Chloride	5.265	84	13206	3.778	ug/l	93
25) 2-Butanone	7.471	43	17351	6.323	ug/l	97
43) Isopropyl Acetate	8.671	43	28500	2.606	ug/l #	93

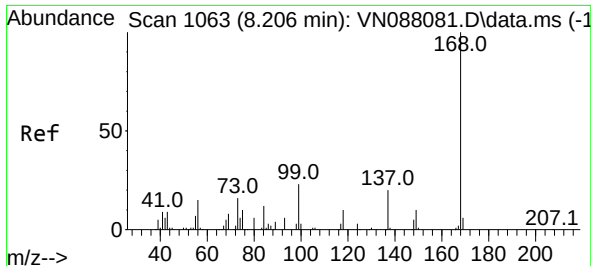
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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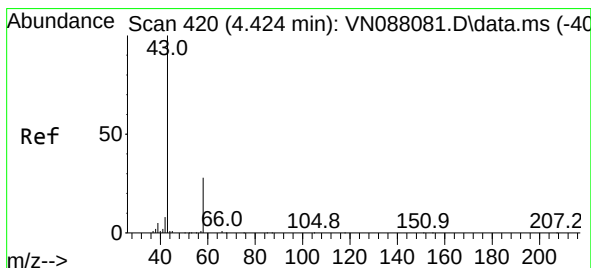
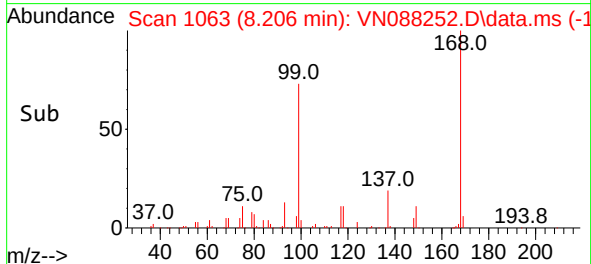
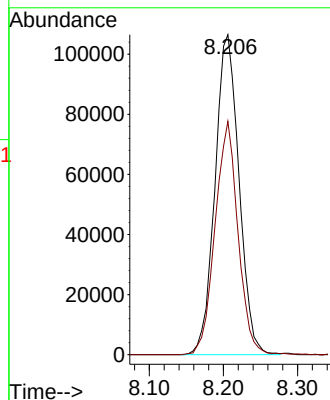
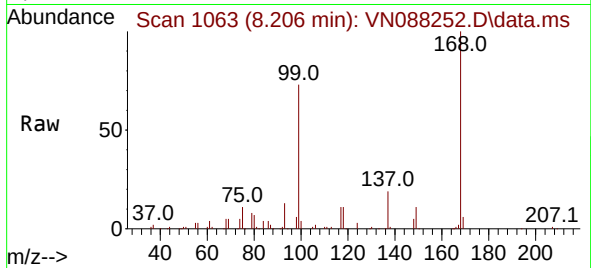




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088252.D
Acq: 11 Nov 2025 13:23

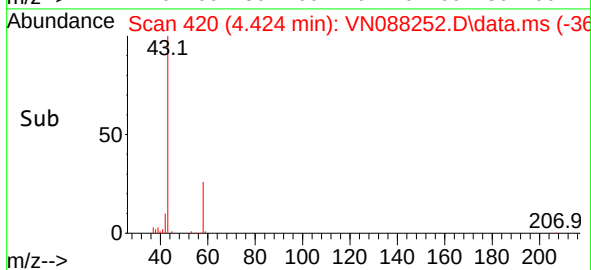
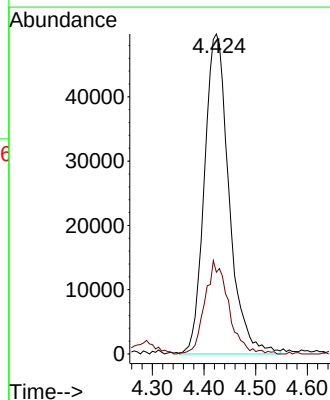
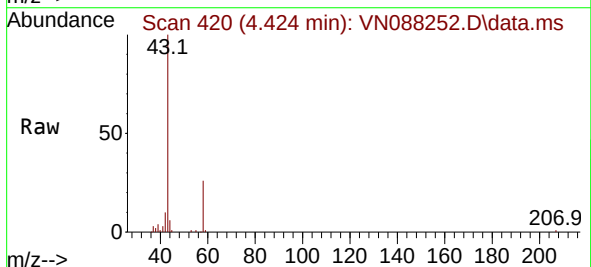
Instrument :
MSVOA_N
ClientSampleId :
VNJ-240

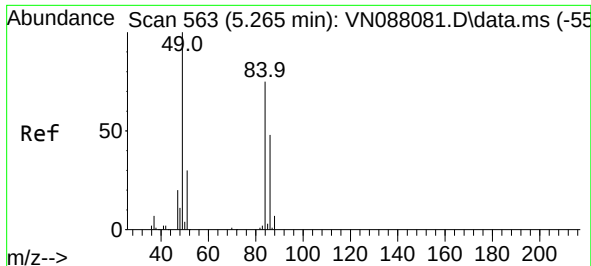
Tgt Ion:168 Resp: 239679
Ion Ratio Lower Upper
168 100
99 72.9 57.2 85.8



#16
Acetone
Concen: 79.186 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088252.D
Acq: 11 Nov 2025 13:23

Tgt Ion: 43 Resp: 164879
Ion Ratio Lower Upper
43 100
58 25.6 22.6 33.8

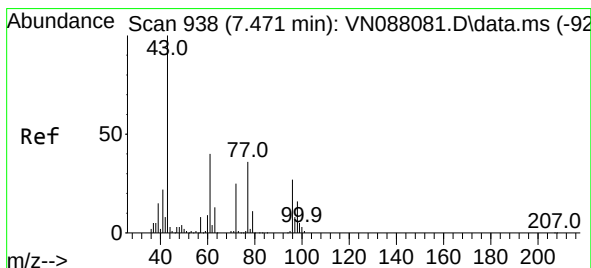
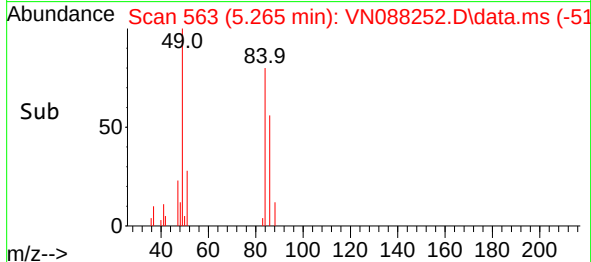
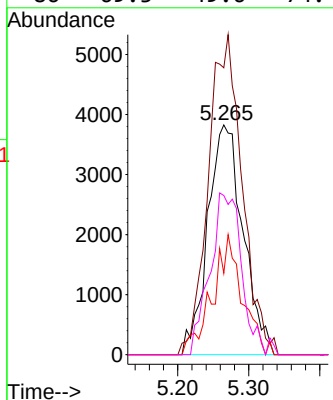
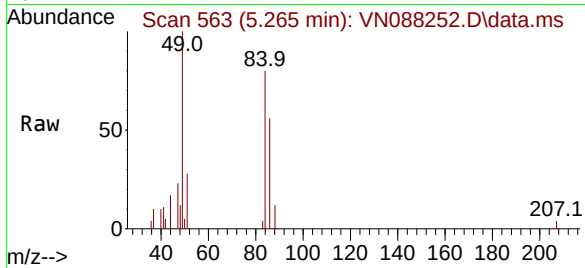




#20
Methylene Chloride
Concen: 3.778 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN088252.D
Acq: 11 Nov 2025 13:23

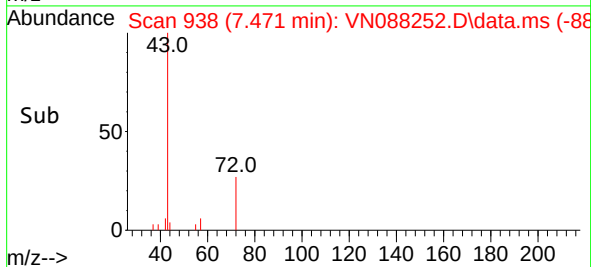
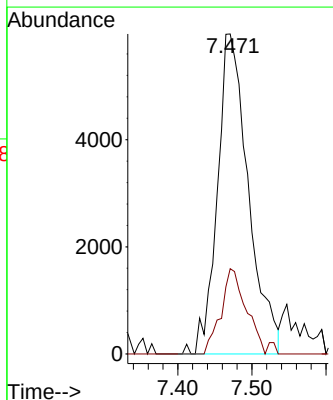
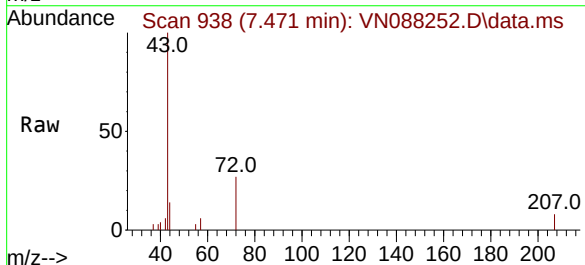
Instrument :
MSVOA_N
ClientSampleId :
VNJ-240

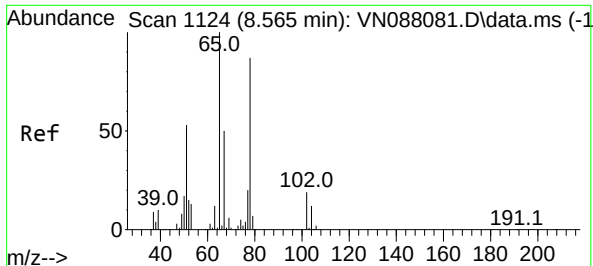
Tgt Ion:	84	Resp:	13206
Ion	Ratio	Lower	Upper
84	100		
49	124.9	103.4	155.2
51	35.4	33.8	50.8
86	69.3	49.6	74.4



#25
2-Butanone
Concen: 6.323 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088252.D
Acq: 11 Nov 2025 13:23

Tgt Ion:	43	Resp:	17351
Ion	Ratio	Lower	Upper
43	100		
72	26.6	19.9	29.9





#33

1,2-Dichloroethane-d4

Concen: 65.516 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088252.D

Acq: 11 Nov 2025 13:23

Instrument :

MSVOA_N

ClientSampleId :

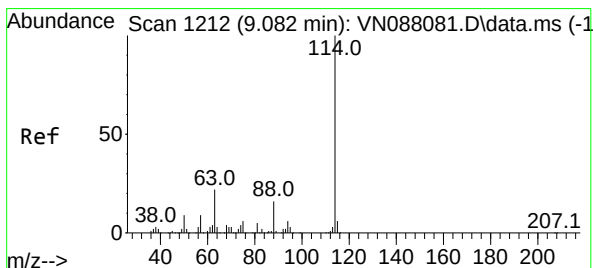
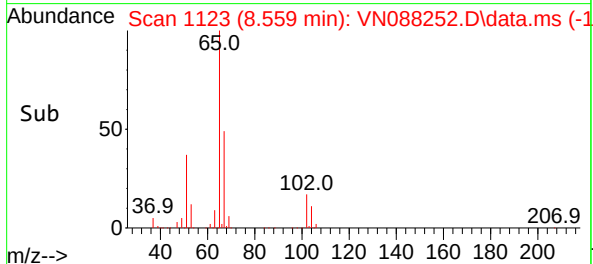
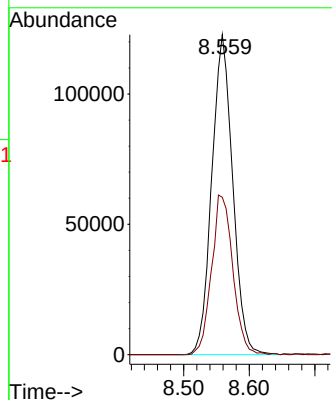
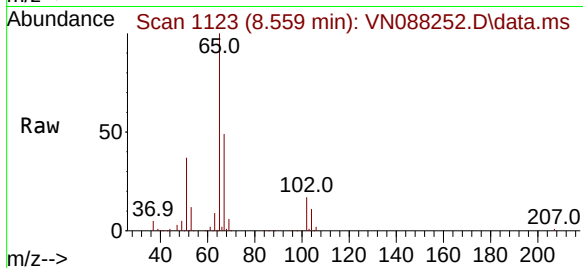
VNJ-240

Tgt Ion: 65 Resp: 271534

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088252.D

Acq: 11 Nov 2025 13:23

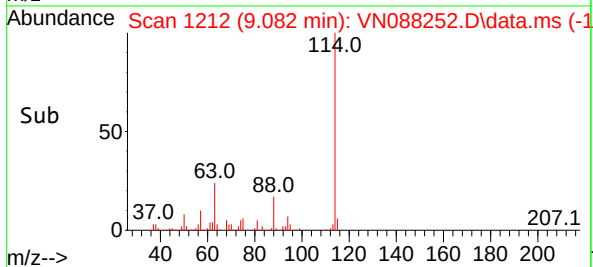
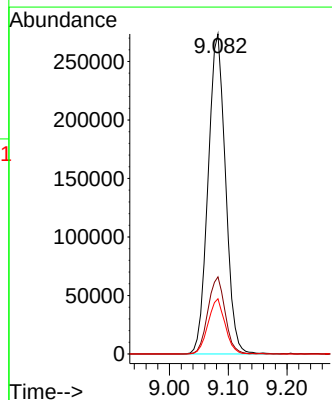
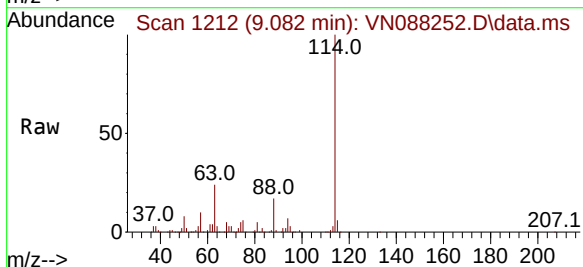
Tgt Ion: 114 Resp: 562332

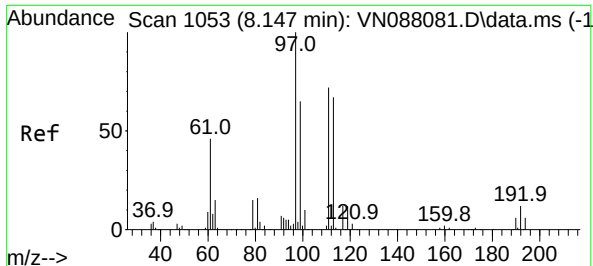
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.2

88 17.3 0.0 33.4

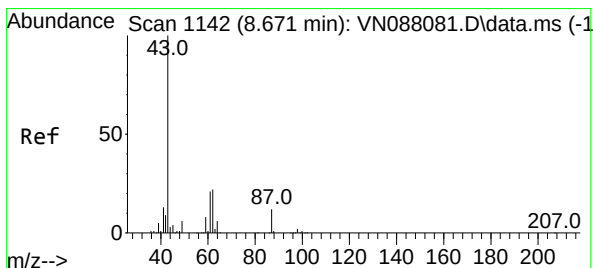
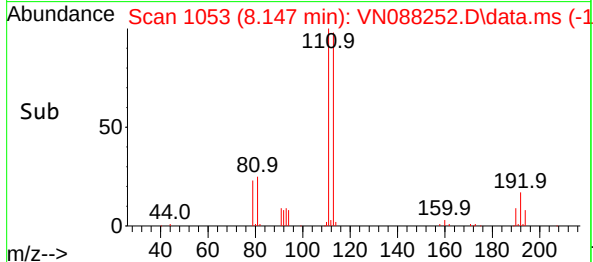
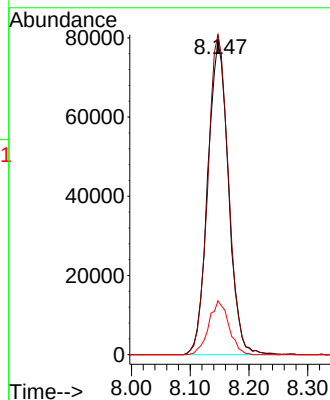
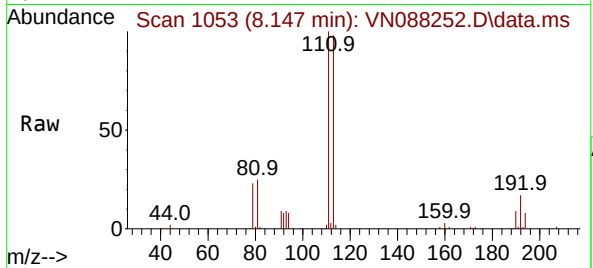




#35
Dibromofluoromethane
Concen: 51.382 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088252.D
Acq: 11 Nov 2025 13:23

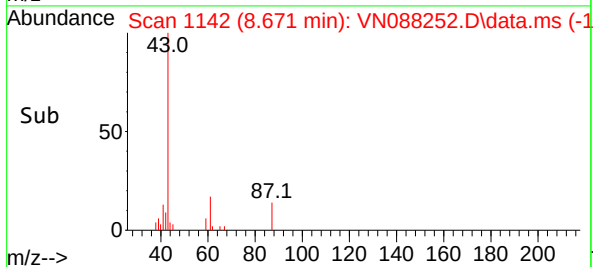
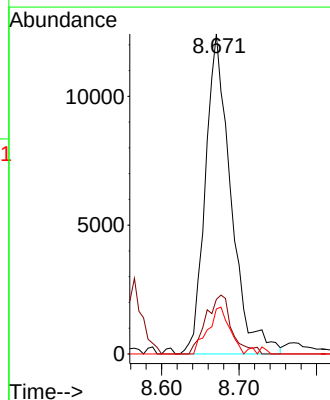
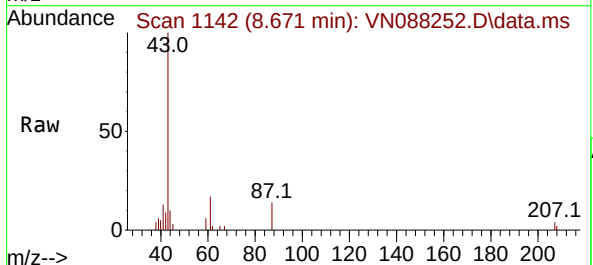
Instrument :
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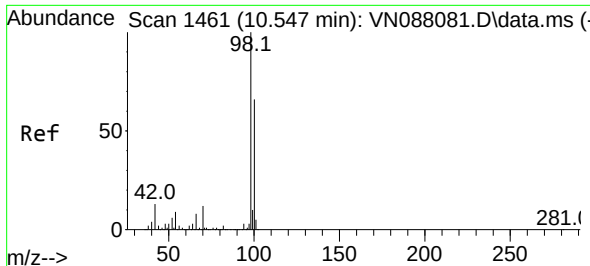
Tgt Ion:113 Resp: 194108
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 16.7 12.8 19.2



#43
Isopropyl Acetate
Concen: 2.606 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088252.D
Acq: 11 Nov 2025 13:23

Tgt Ion: 43 Resp: 28500
Ion Ratio Lower Upper
43 100
61 18.5 18.8 28.2#
87 12.3 9.6 14.4

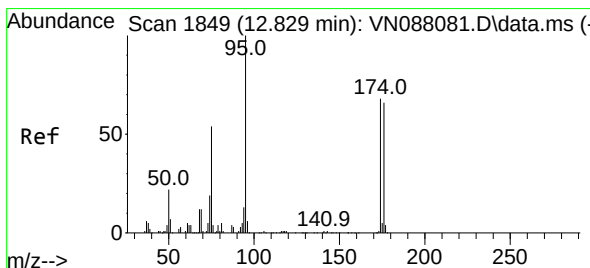
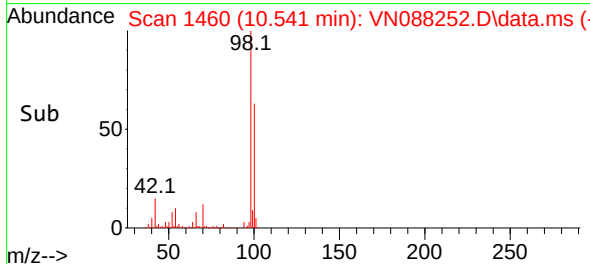
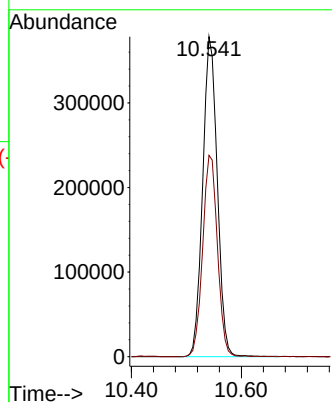
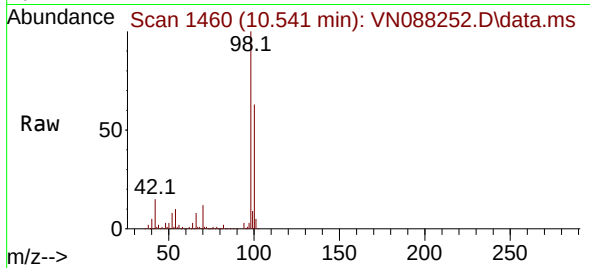




#50
Toluene-d8
Concen: 47.910 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088252.D
Acq: 11 Nov 2025 13:23

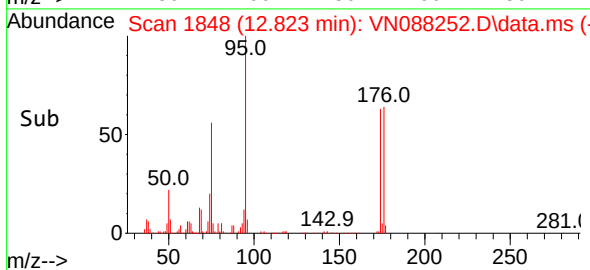
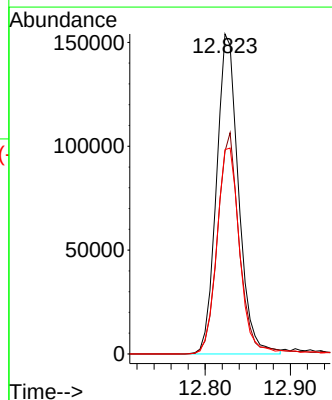
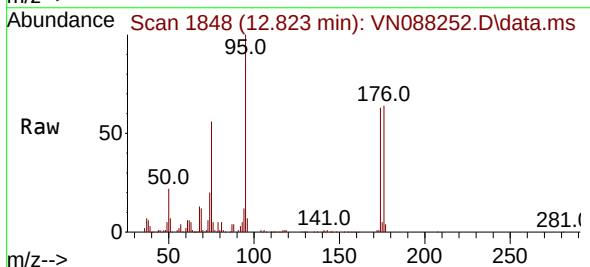
Instrument :
MSVOA_N
ClientSampleId :
VNJ-240

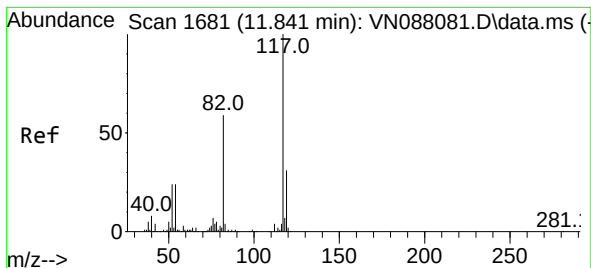
Tgt Ion: 98 Resp: 697398
Ion Ratio Lower Upper
98 100
100 63.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 53.750 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088252.D
Acq: 11 Nov 2025 13:23

Tgt Ion: 95 Resp: 276319
Ion Ratio Lower Upper
95 100
174 68.9 0.0 138.4
176 67.2 0.0 132.6

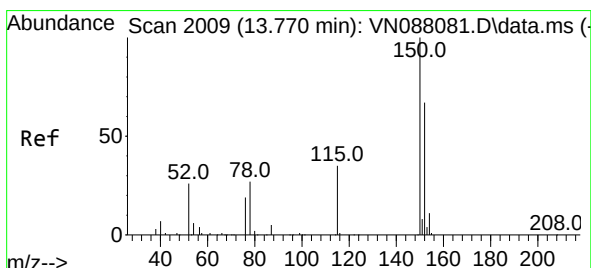
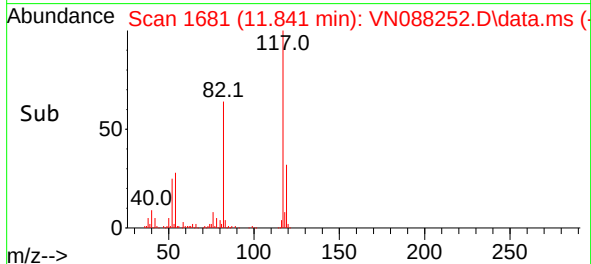
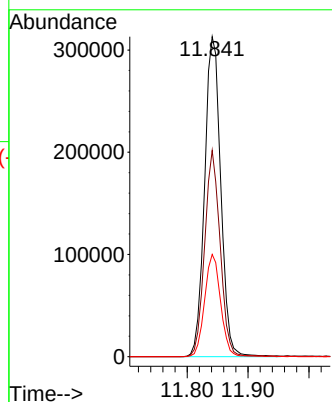
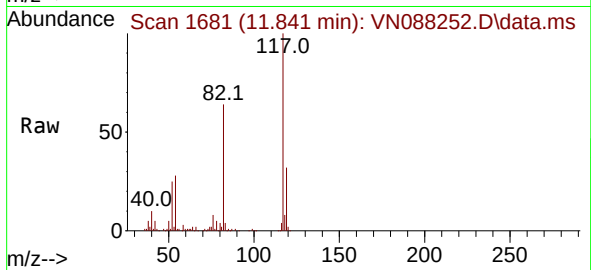




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088252.D
Acq: 11 Nov 2025 13:23

Instrument :
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ClientSampleId :
VNJ-240

Tgt Ion:117 Resp: 577602
Ion Ratio Lower Upper
117 100
82 64.4 47.4 71.2
119 31.9 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: VN088252.D
Acq: 11 Nov 2025 13:23

Tgt Ion:152 Resp: 280457
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 157.7 0.0 351.0

