

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
 Data File : VN087943.D
 Acq On : 24 Sep 2025 12:50
 Operator : JC\MD
 Sample : Q3159-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-255

Quant Time: Sep 25 03:10:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

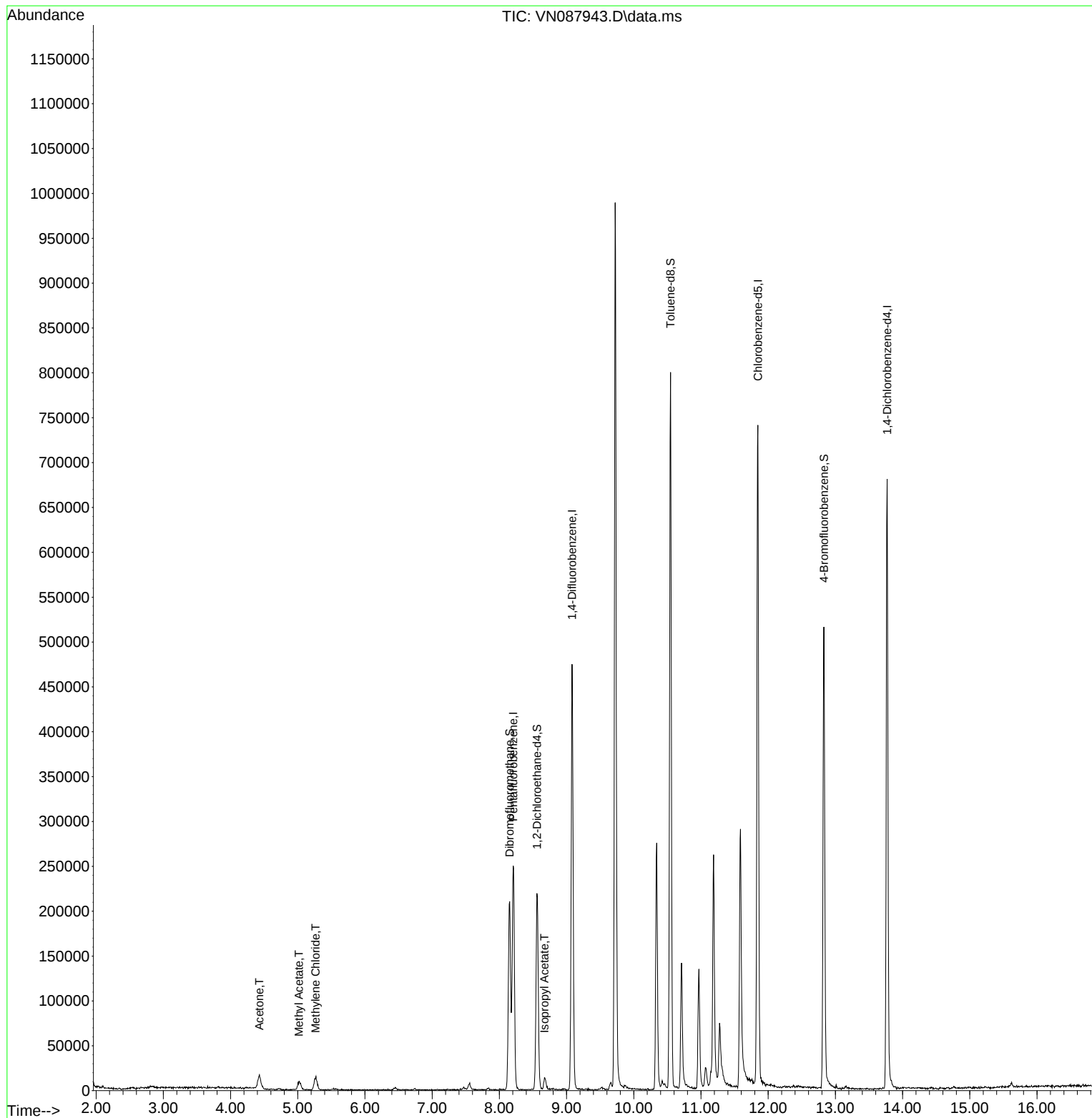
Internal Standards						
1) Pentafluorobenzene	8.206	168	176944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	393254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	413469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	189919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	182600	61.320	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.640%	
35) Dibromofluoromethane	8.153	113	150129	52.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.160%	
50) Toluene-d8	10.547	98	527691	52.555	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.100%	
62) 4-Bromofluorobenzene	12.829	95	178548	49.748	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	29181	23.817	ug/l	99
18) Methyl Acetate	5.018	43	20113	6.559	ug/l	97
20) Methylene Chloride	5.265	84	10423	4.203	ug/l	97
43) Isopropyl Acetate	8.671	43	14829	2.090	ug/l #	90

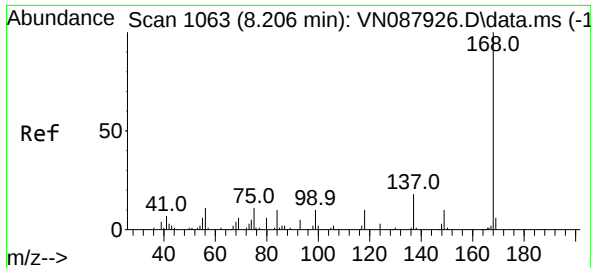
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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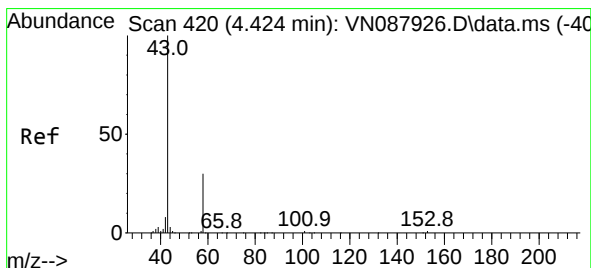
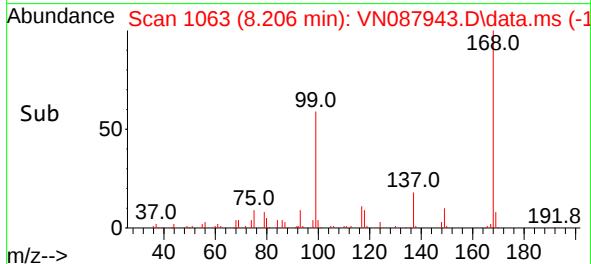
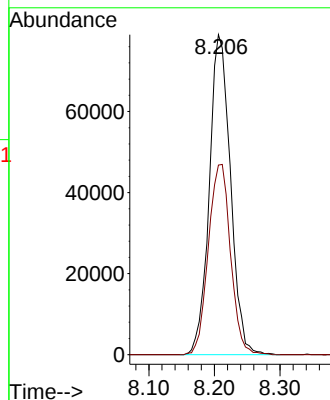
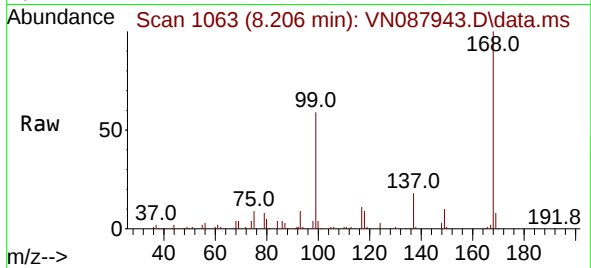




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087943.D
Acq: 24 Sep 2025 12:50

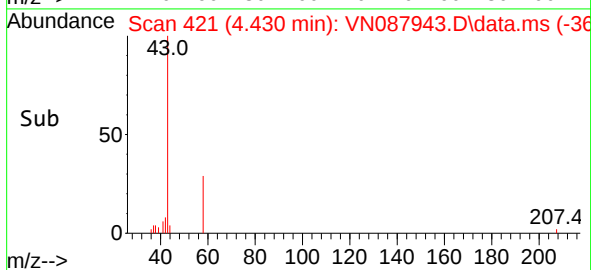
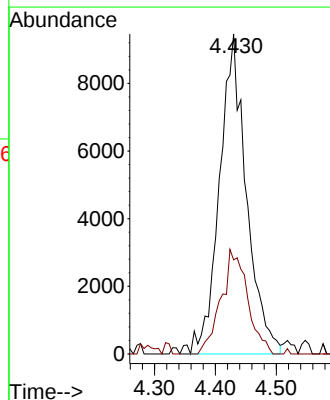
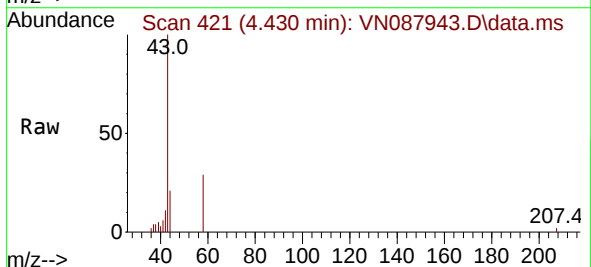
Instrument :
MSVOA_N
ClientSampleId :
VNJ-255

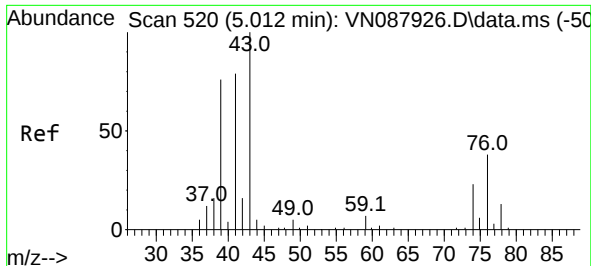
Tgt Ion:168 Resp: 176944
Ion Ratio Lower Upper
168 100
99 59.3 52.2 78.2



#16
Acetone
Concen: 23.817 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087943.D
Acq: 24 Sep 2025 12:50

Tgt Ion: 43 Resp: 29181
Ion Ratio Lower Upper
43 100
58 29.4 24.1 36.1

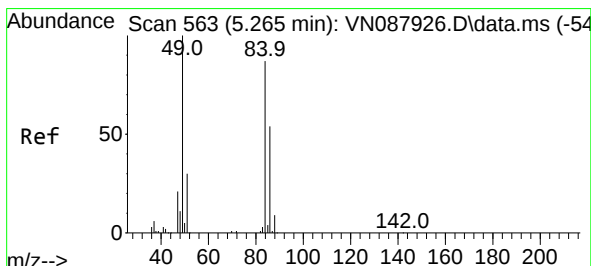
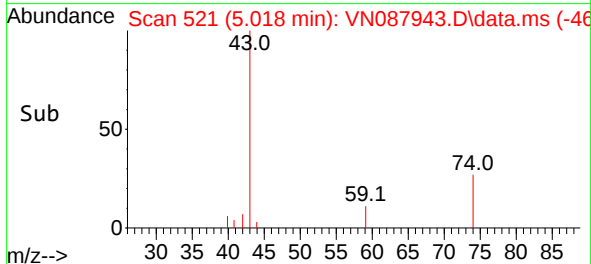
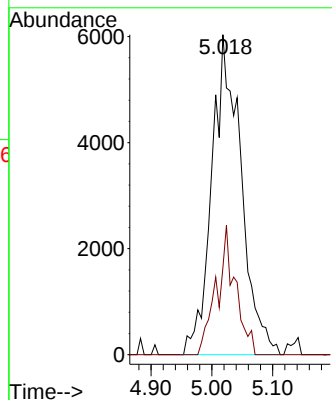
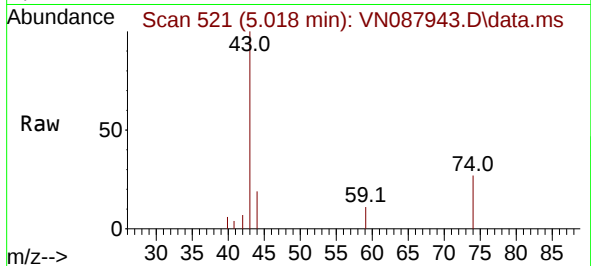




#18
Methyl Acetate
Concen: 6.559 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087943.D
Acq: 24 Sep 2025 12:50

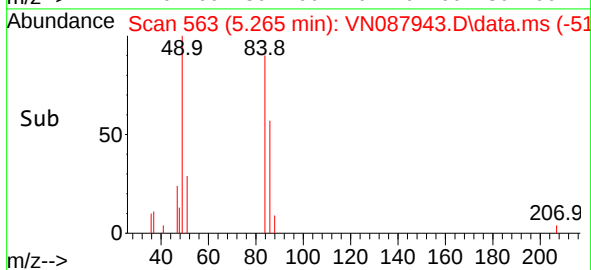
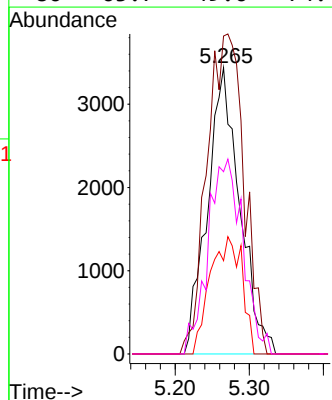
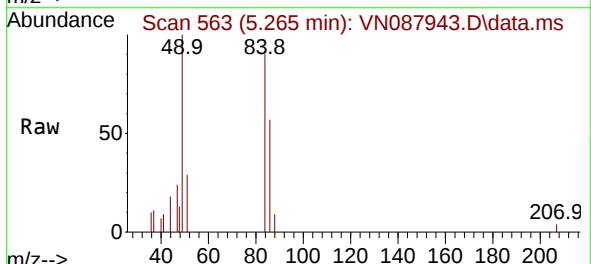
Instrument :
MSVOA_N
ClientSampleId :
VNJ-255

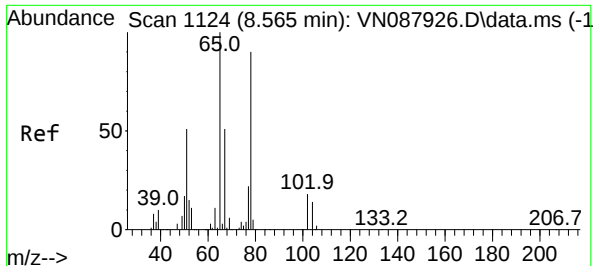
Tgt Ion: 43 Resp: 20113
Ion Ratio Lower Upper
43 100
74 26.2 19.7 29.5



#20
Methylene Chloride
Concen: 4.203 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087943.D
Acq: 24 Sep 2025 12:50

Tgt Ion: 84 Resp: 10423
Ion Ratio Lower Upper
84 100
49 111.0 92.1 138.1
51 32.6 27.7 41.5
86 63.7 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 61.320 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087943.D

Acq: 24 Sep 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

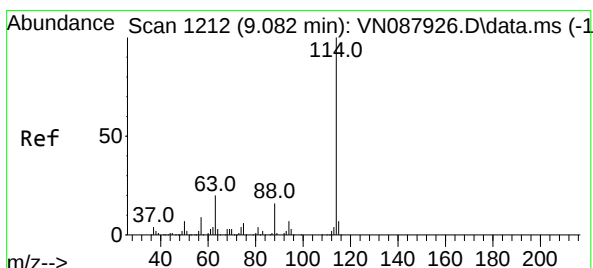
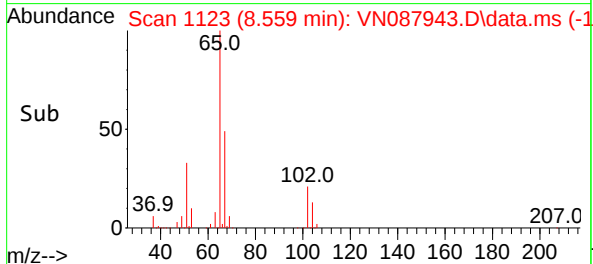
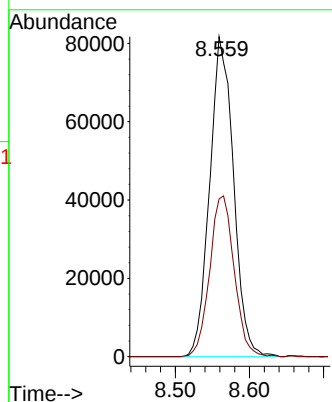
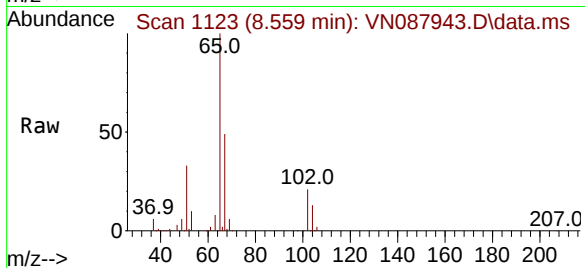
VNJ-255

Tgt Ion: 65 Resp: 182600

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087943.D

Acq: 24 Sep 2025 12:50

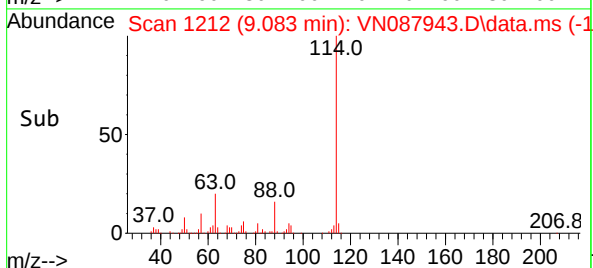
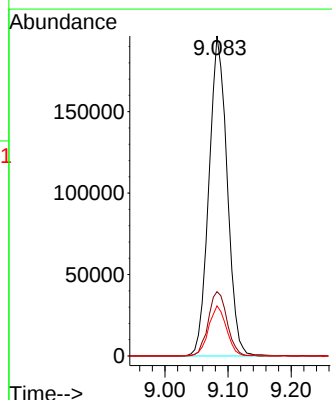
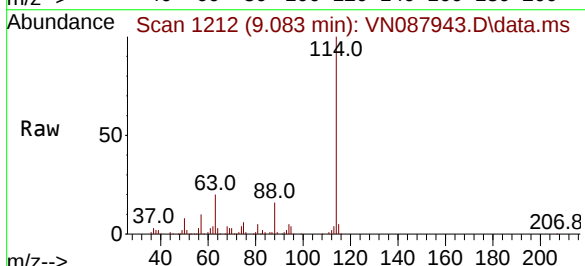
Tgt Ion: 114 Resp: 393254

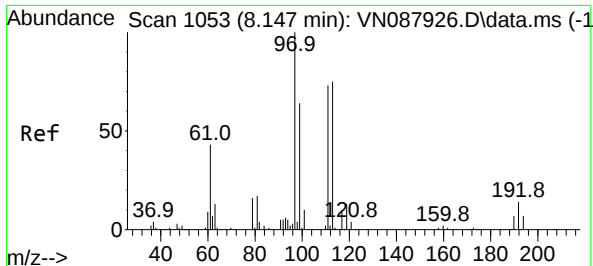
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.580 ug/l

RT: 8.153 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN087943.D

Acq: 24 Sep 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VNJ-255

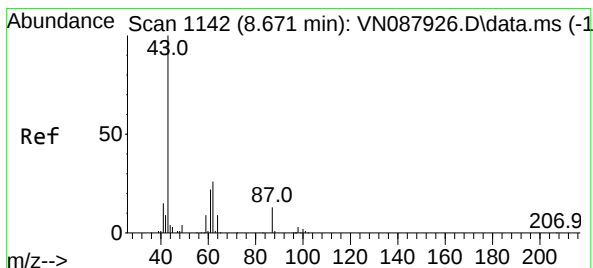
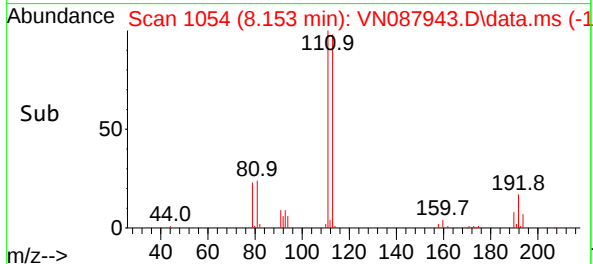
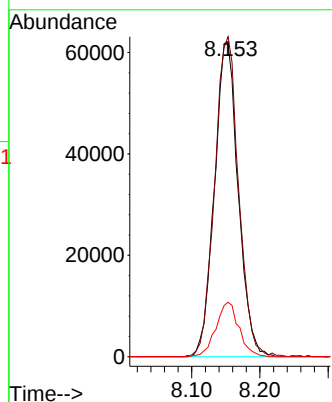
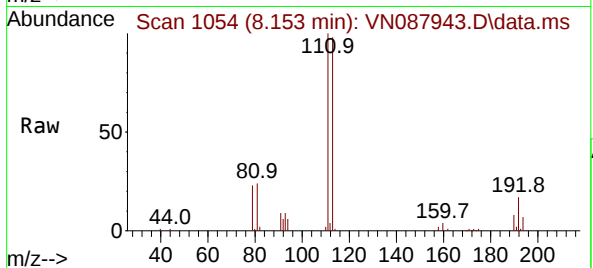
Tgt Ion:113 Resp: 150129

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 16.8 14.2 21.2



#43

Isopropyl Acetate

Concen: 2.090 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN087943.D

Acq: 24 Sep 2025 12:50

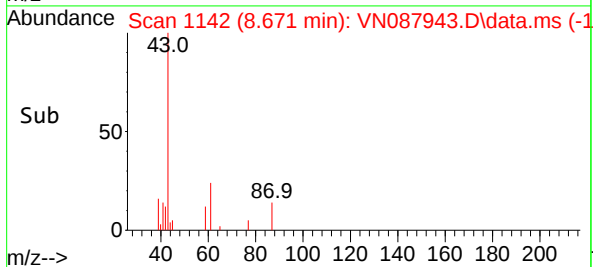
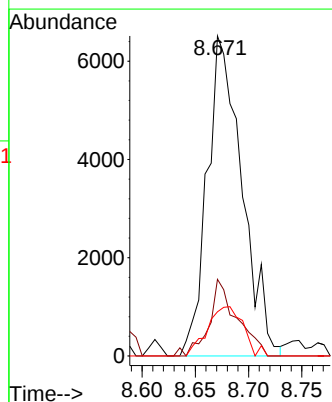
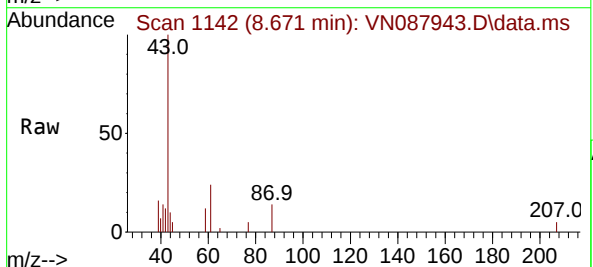
Tgt Ion: 43 Resp: 14829

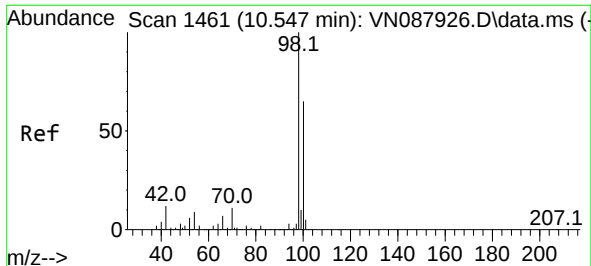
Ion Ratio Lower Upper

43 100

61 19.2 20.2 30.2#

87 15.8 10.9 16.3

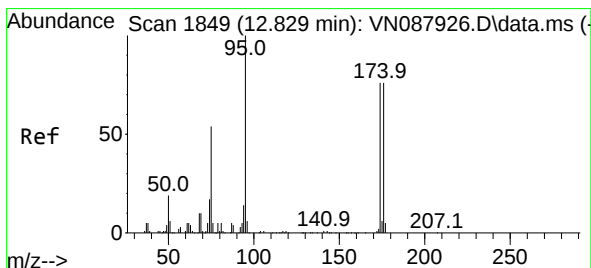
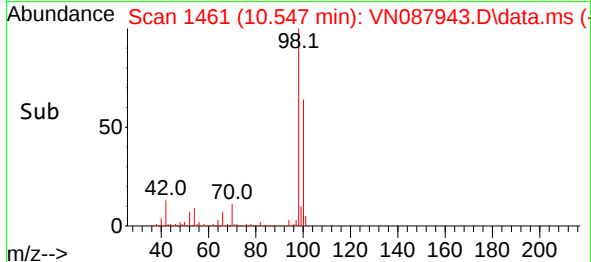
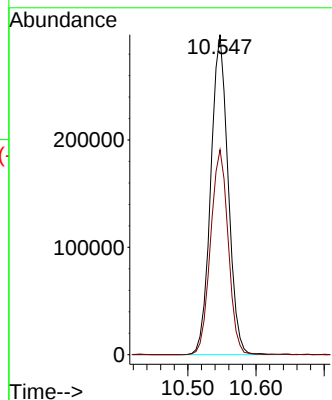
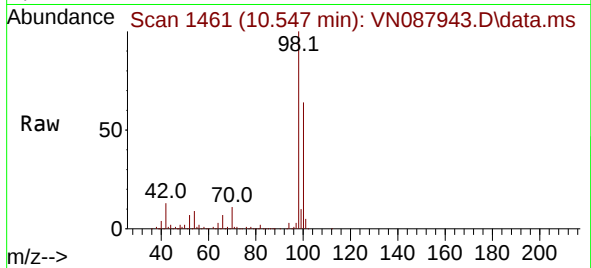




#50
Toluene-d8
Concen: 52.555 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087943.D
Acq: 24 Sep 2025 12:50

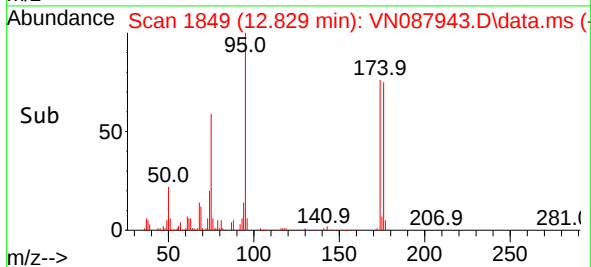
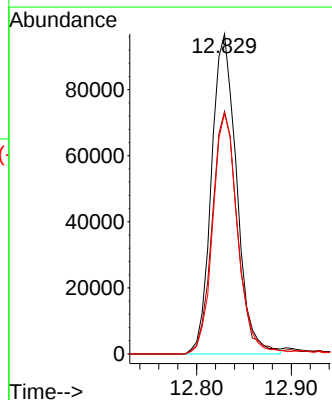
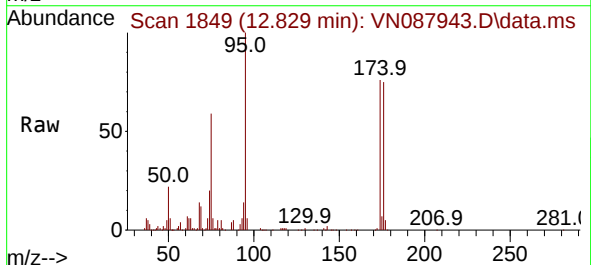
Instrument :
MSVOA_N
ClientSampleId :
VNJ-255

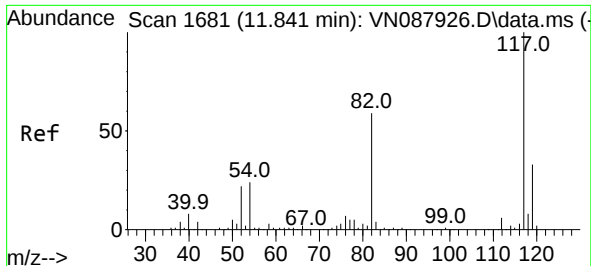
Tgt Ion: 98 Resp: 527691
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.748 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087943.D
Acq: 24 Sep 2025 12:50

Tgt Ion: 95 Resp: 178548
Ion Ratio Lower Upper
95 100
174 76.9 0.0 159.2
176 74.2 0.0 152.6

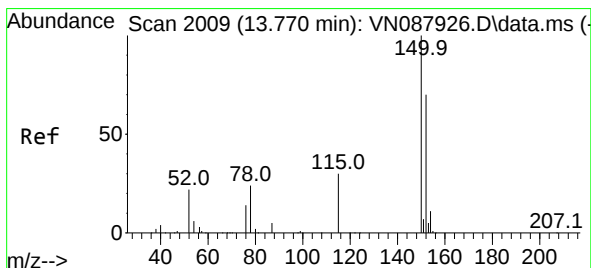
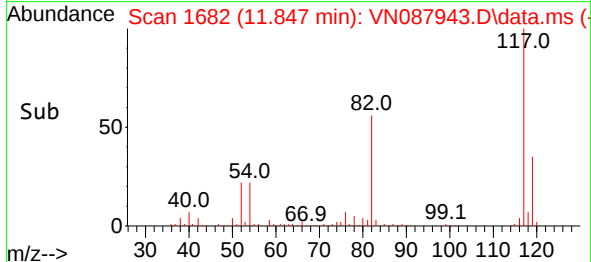
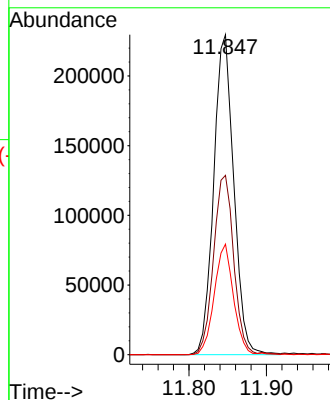
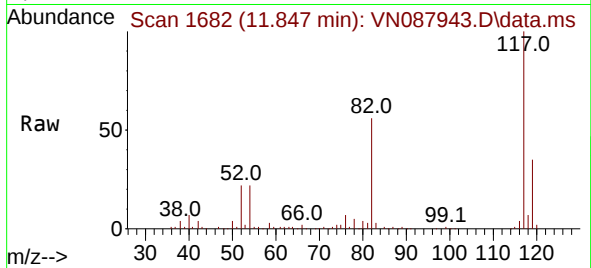




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087943.D
Acq: 24 Sep 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VNJ-255

Tgt Ion:117 Resp: 413469
Ion Ratio Lower Upper
117 100
82 56.0 47.0 70.4
119 34.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087943.D
Acq: 24 Sep 2025 12:50

Tgt Ion:152 Resp: 189919
Ion Ratio Lower Upper
152 100
115 61.3 29.9 89.7
150 154.3 0.0 335.0

