

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
 Data File : VN088456.D
 Acq On : 04 Dec 2025 18:51
 Operator : JC\MD
 Sample : Q3750-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FENCE WC-1

Quant Time: Dec 05 00:20:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

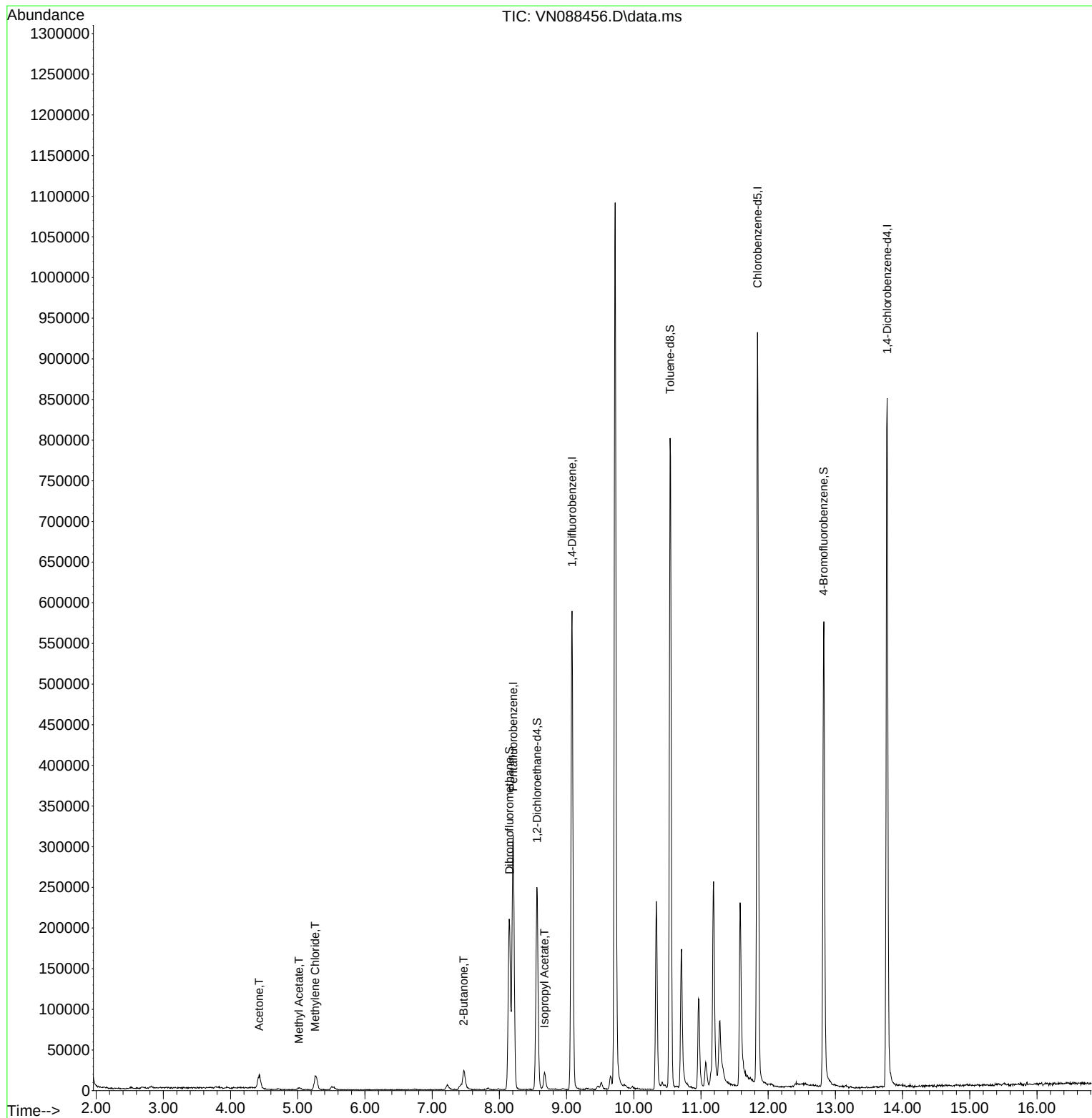
Internal Standards						
1) Pentafluorobenzene	8.206	168	204270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	467899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	483379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	221514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	210586	54.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.460%
35) Dibromofluoromethane	8.147	113	151927	46.855	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.700%
50) Toluene-d8	10.541	98	537760	44.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.140%
62) 4-Bromofluorobenzene	12.823	95	205519	49.647	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.300%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	34848	25.041	ug/l	100
18) Methyl Acetate	5.018	43	5221	1.260	ug/l	98
20) Methylene Chloride	5.259	84	13315	4.472	ug/l	94
25) 2-Butanone	7.471	43	41194	18.413	ug/l	94
43) Isopropyl Acetate	8.671	43	25731	2.559	ug/l #	90

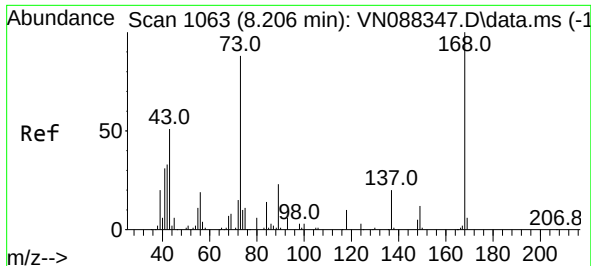
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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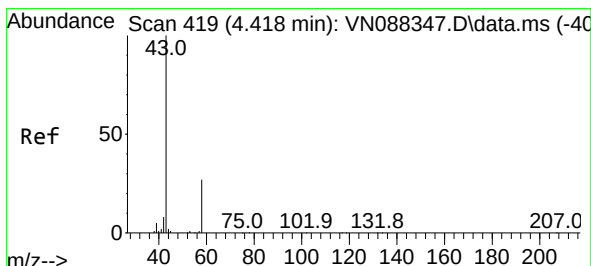
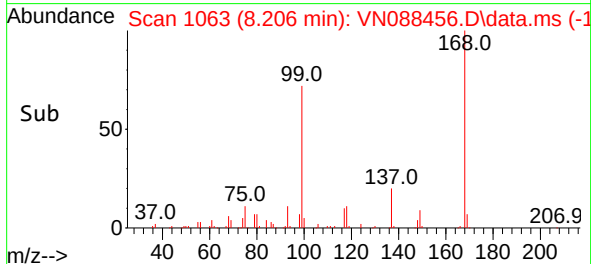
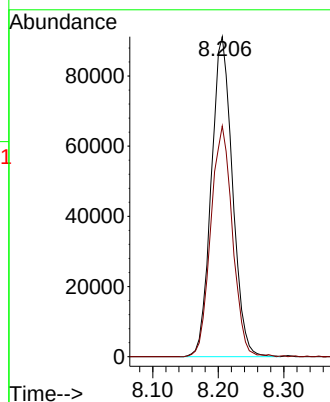
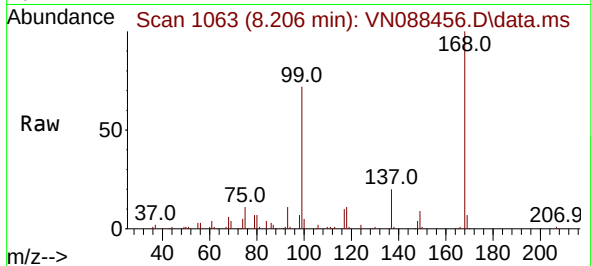




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

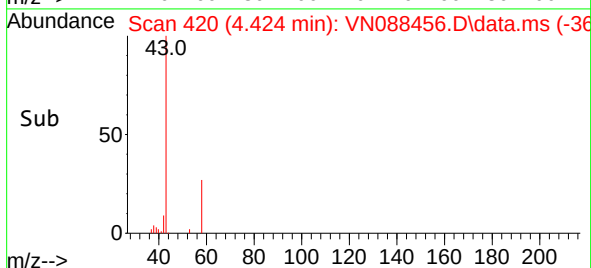
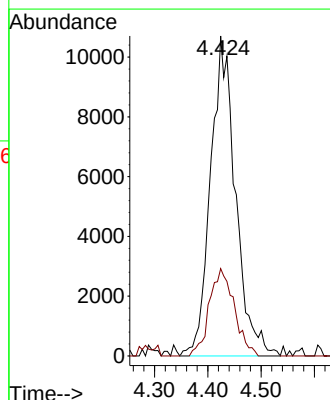
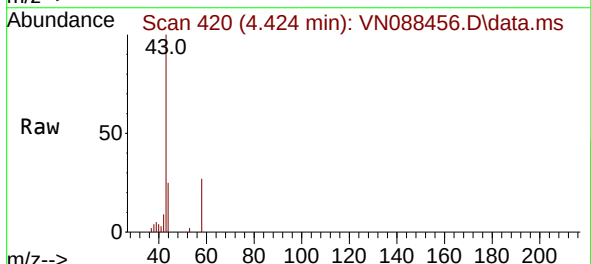
Instrument :
MSVOA_N
ClientSampleId :
FENCE WC-1

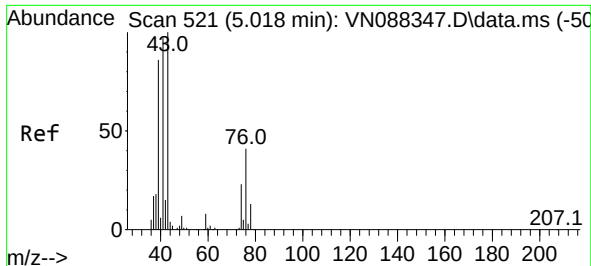
Tgt Ion:168 Resp: 204270
Ion Ratio Lower Upper
168 100
99 72.1 57.1 85.7



#16
Acetone
Concen: 25.041 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

Tgt Ion: 43 Resp: 34848
Ion Ratio Lower Upper
43 100
58 27.3 21.7 32.5

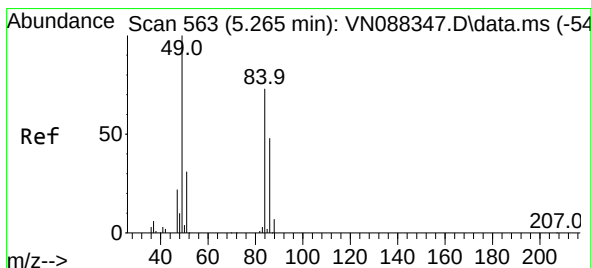
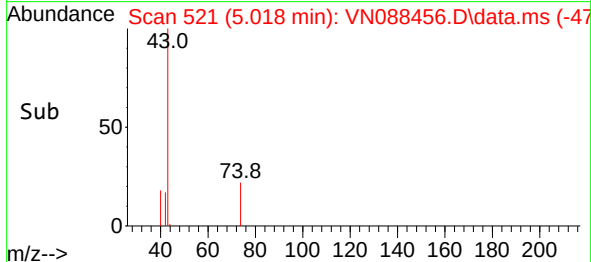
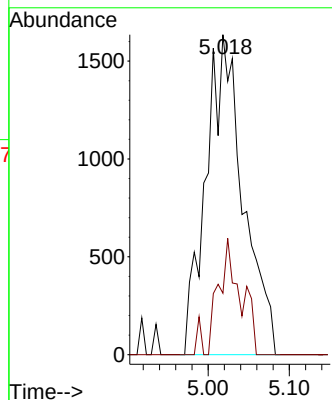
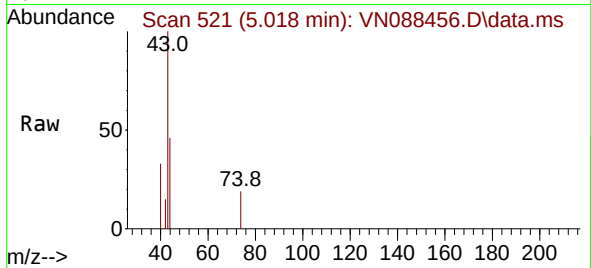




#18
Methyl Acetate
Concen: 1.260 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

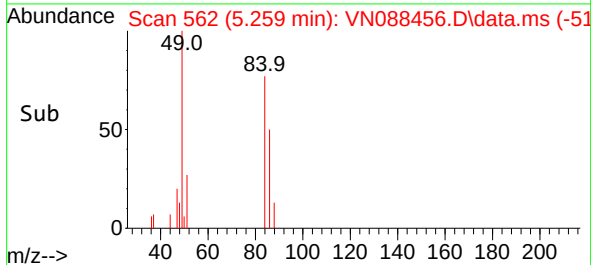
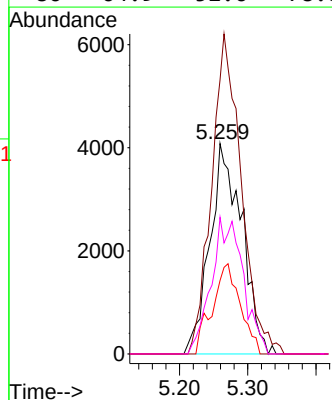
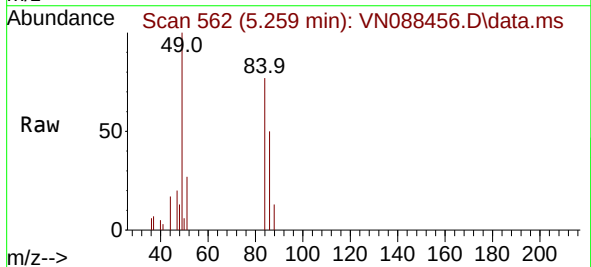
Instrument :
MSVOA_N
ClientSampleId :
FENCE WC-1

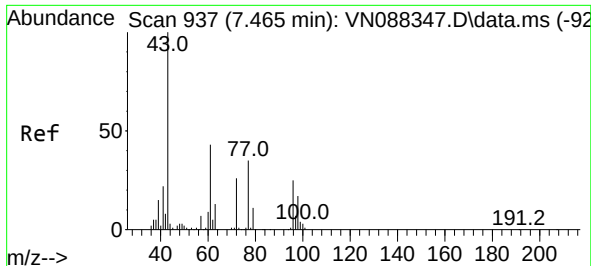
Tgt Ion: 43 Resp: 5221
Ion Ratio Lower Upper
43 100
74 21.2 17.9 26.9



#20
Methylene Chloride
Concen: 4.472 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

Tgt Ion: 84 Resp: 13315
Ion Ratio Lower Upper
84 100
49 130.2 110.2 165.2
51 34.9 34.1 51.1
86 64.9 52.6 78.8

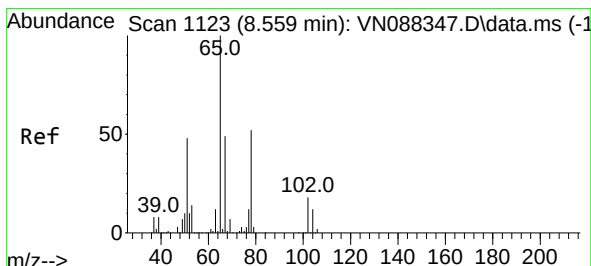
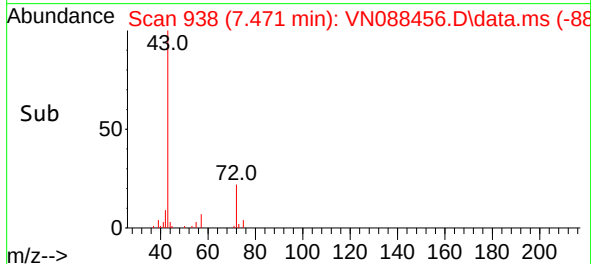
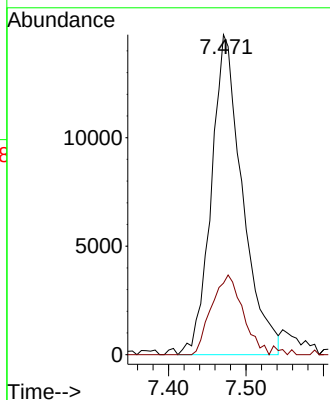
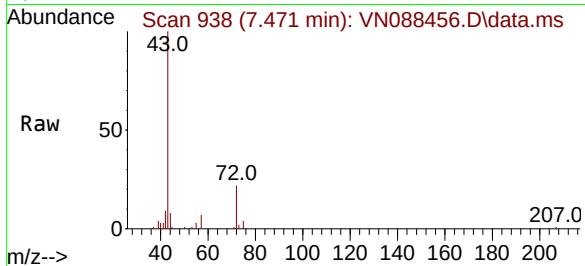




#25
2-Butanone
Concen: 18.413 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

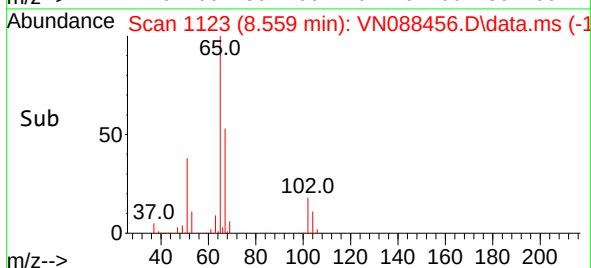
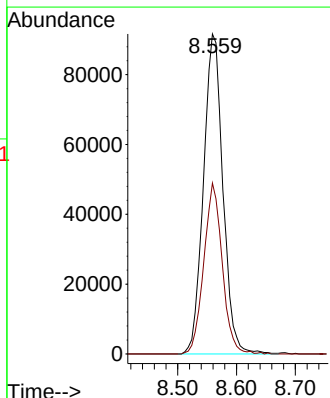
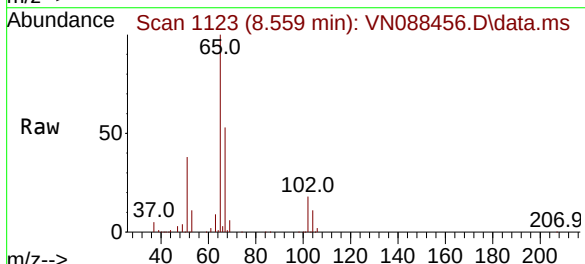
Instrument :
MSVOA_N
ClientSampleId :
FENCE WC-1

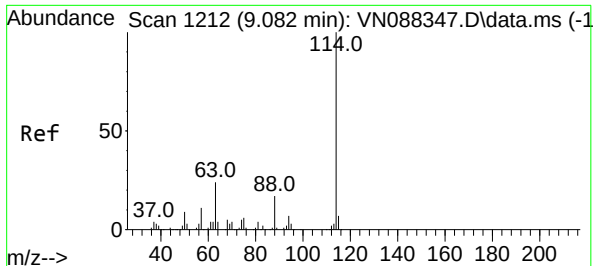
Tgt Ion: 43 Resp: 41194
Ion Ratio Lower Upper
43 100
72 22.3 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 54.726 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

Tgt Ion: 65 Resp: 210586
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088456.D

Acq: 04 Dec 2025 18:51

Instrument :

MSVOA_N

ClientSampleId :

FENCE WC-1

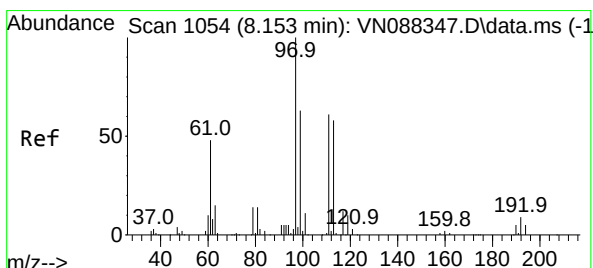
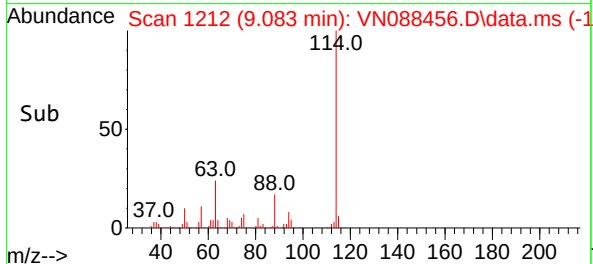
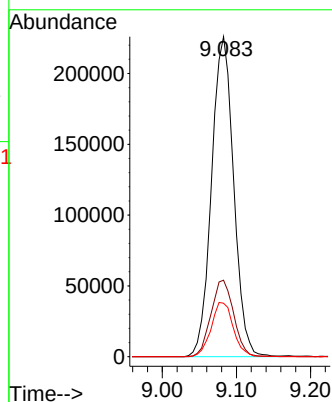
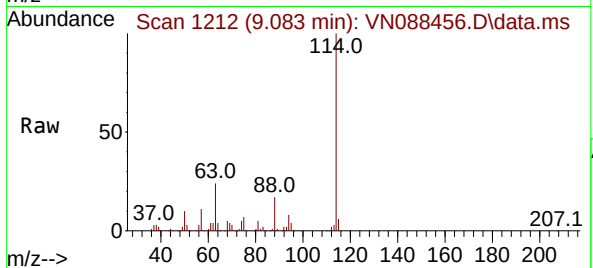
Tgt Ion:114 Resp: 467899

Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.0

88 16.7 0.0 34.0



#35

Dibromofluoromethane

Concen: 46.855 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088456.D

Acq: 04 Dec 2025 18:51

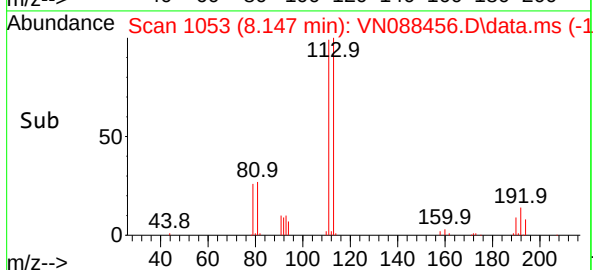
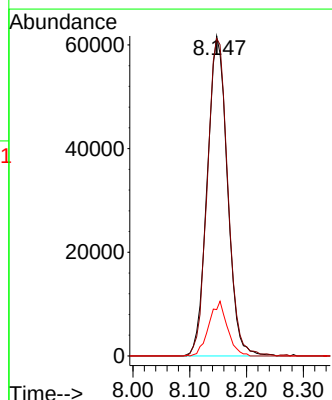
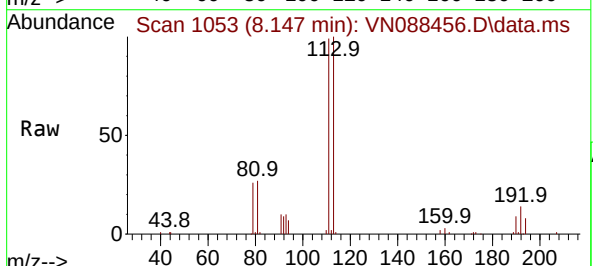
Tgt Ion:113 Resp: 151927

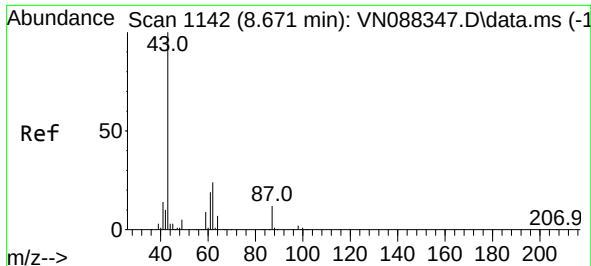
Ion Ratio Lower Upper

113 100

111 100.5 82.5 123.7

192 15.8 12.8 19.2

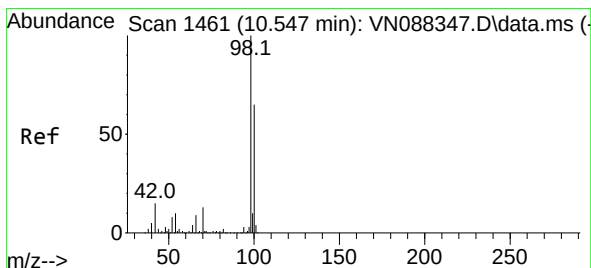
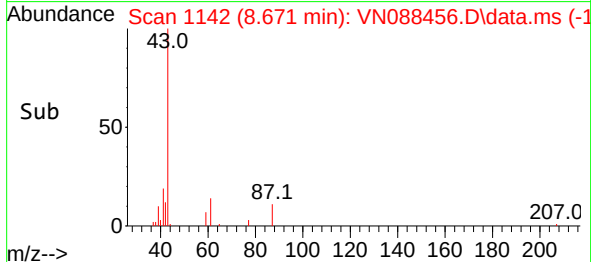
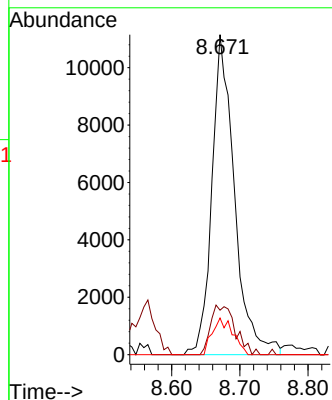
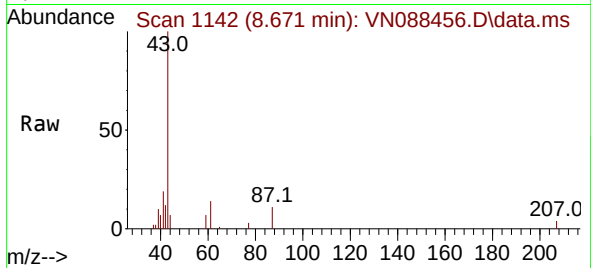




#43
Isopropyl Acetate
Concen: 2.559 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

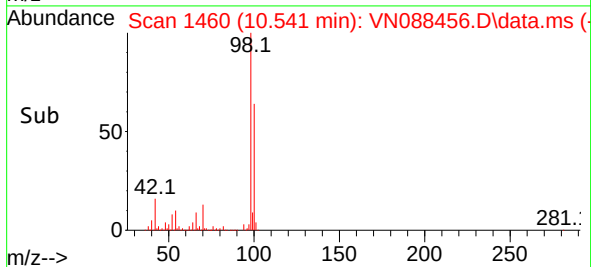
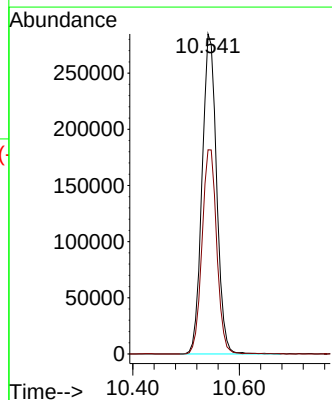
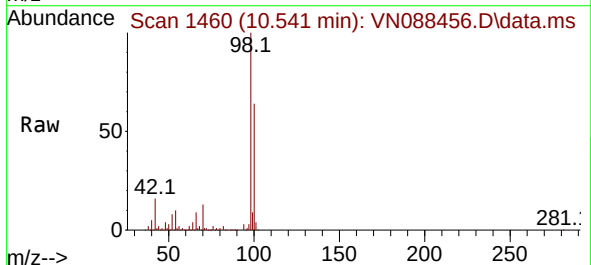
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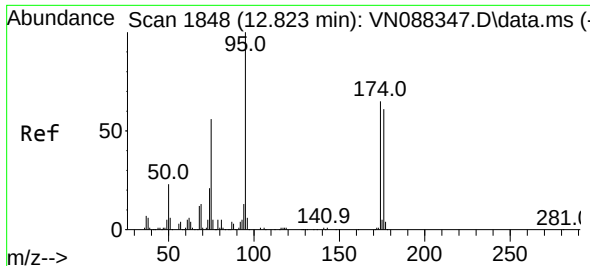
Tgt Ion: 43 Resp: 25731
Ion Ratio Lower Upper
43 100
61 16.8 18.7 28.1#
87 10.5 9.1 13.7



#50
Toluene-d8
Concen: 44.573 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

Tgt Ion: 98 Resp: 537760
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2

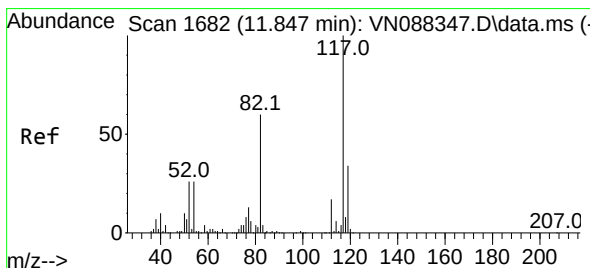
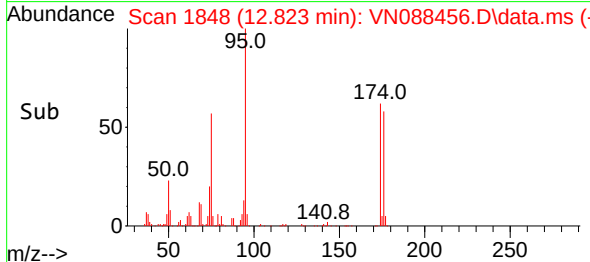
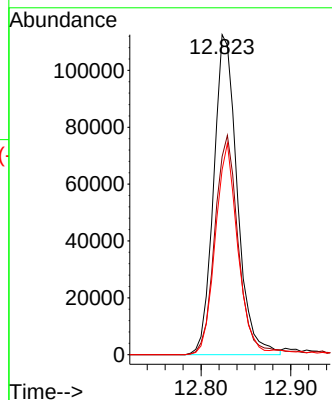
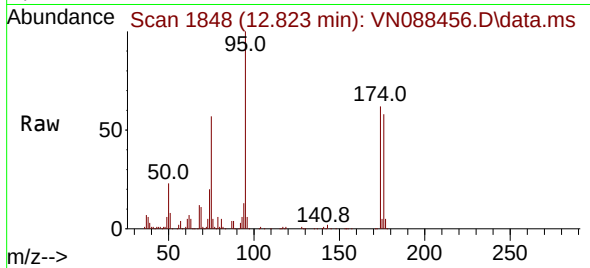




#62
4-Bromofluorobenzene
Concen: 49.647 ug/l
RT: 12.823 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

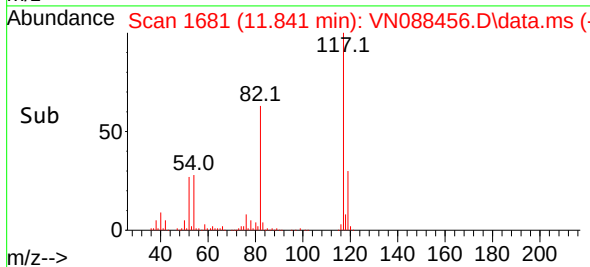
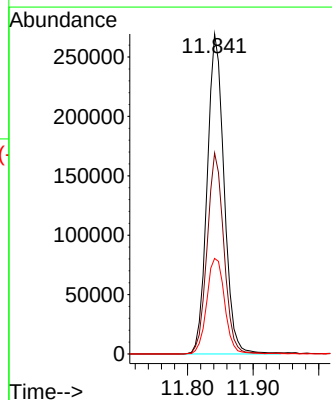
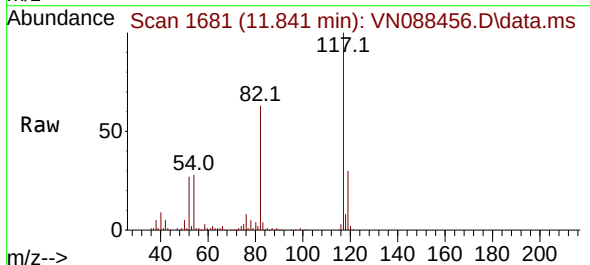
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MSVOA_N
ClientSampleId :
FENCE WC-1

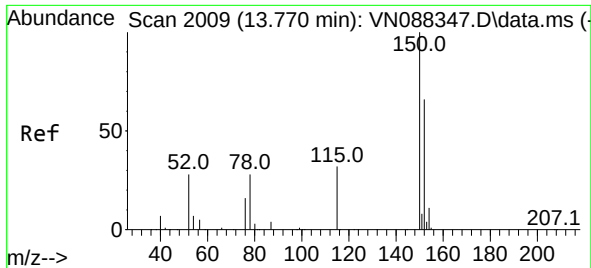
Tgt Ion: 95 Resp: 205519
Ion Ratio Lower Upper
95 100
174 69.0 0.0 139.0
176 62.8 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

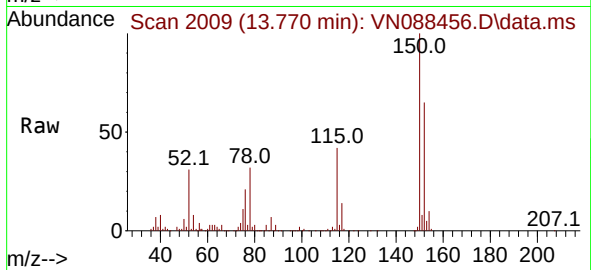
Tgt Ion: 117 Resp: 483379
Ion Ratio Lower Upper
117 100
82 62.8 47.8 71.8
119 29.8 26.9 40.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN088456.D
Acq: 04 Dec 2025 18:51

Instrument :
MSVOA_N
ClientSampleId :
FENCE WC-1



Tgt Ion:152 Resp: 221514
Ion Ratio Lower Upper
152 100
115 67.5 33.0 98.9
150 157.7 0.0 349.0

