

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087232.D
 Acq On : 27 Jun 2025 18:46
 Operator : JC\MD
 Sample : Q2430-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-E/FRE

Quant Time: Jun 27 23:49:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

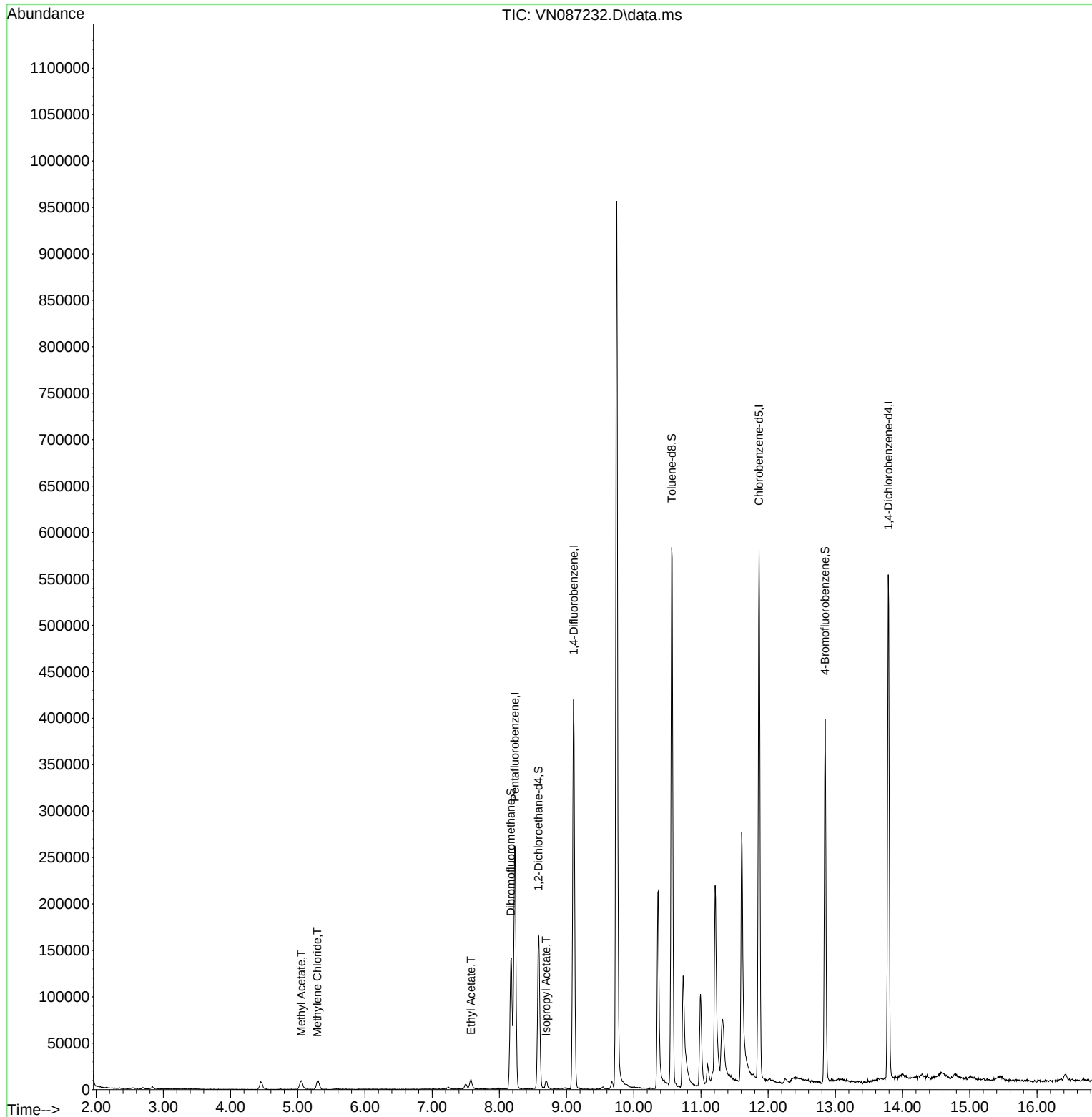
Internal Standards						
1) Pentafluorobenzene	8.230	168	202146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	378100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	345353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140431	48.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.540%
35) Dibromofluoromethane	8.171	113	109201	44.673	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.340%
50) Toluene-d8	10.565	98	425753	42.112	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.220%#
62) 4-Bromofluorobenzene	12.847	95	148998	42.473	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.940%
Target Compounds						
					Qvalue	
18) Methyl Acetate	5.053	43	20328	4.891	ug/l	96
20) Methylene Chloride	5.289	84	7480	1.055	ug/l	96
37) Ethyl Acetate	7.577	43	16595	1.365	ug/l #	96
43) Isopropyl Acetate	8.694	43	10169	1.545	ug/l #	92

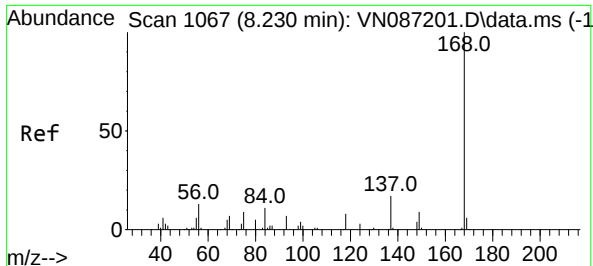
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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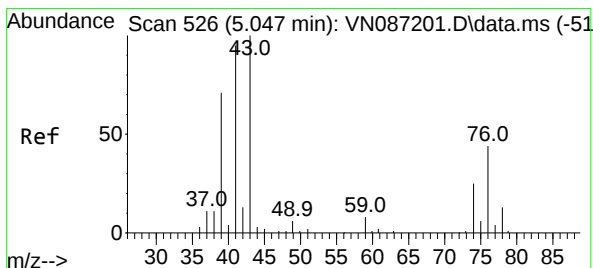
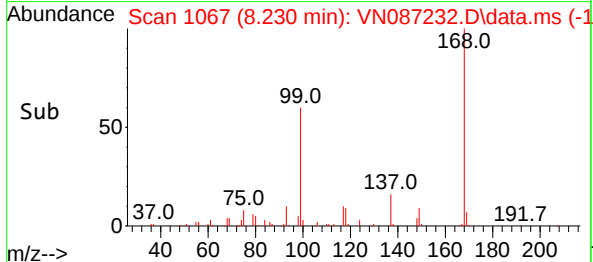
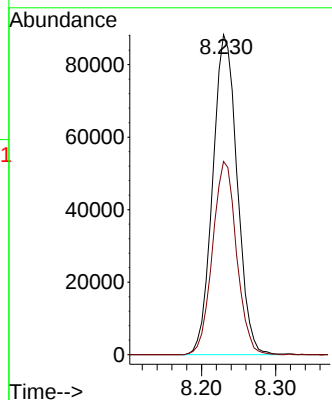
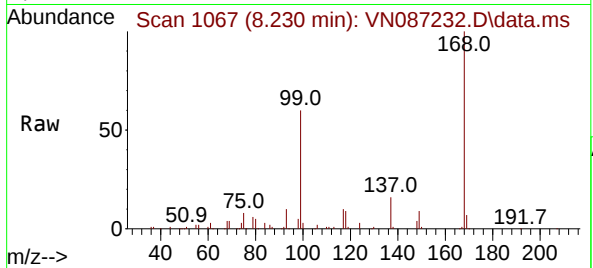




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

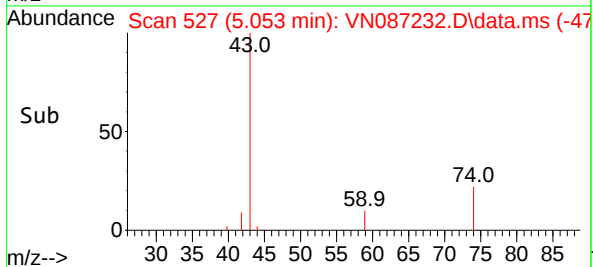
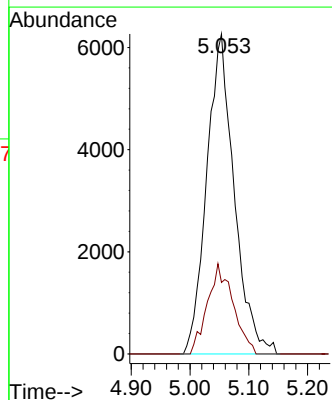
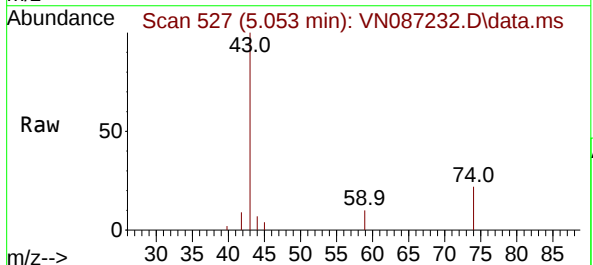
Instrument :
MSVOA_N
ClientSampleId :
MH-E/FRE

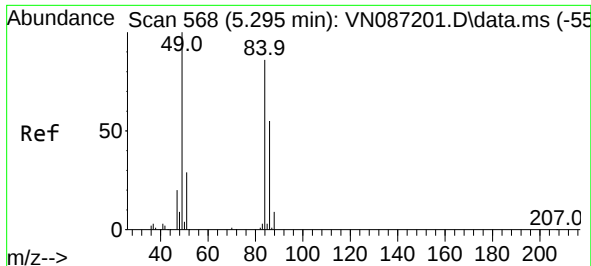
Tgt Ion:168 Resp: 202146
Ion Ratio Lower Upper
168 100
99 60.4 47.9 71.9



#18
Methyl Acetate
Concen: 4.891 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

Tgt Ion: 43 Resp: 20328
Ion Ratio Lower Upper
43 100
74 26.3 19.4 29.2

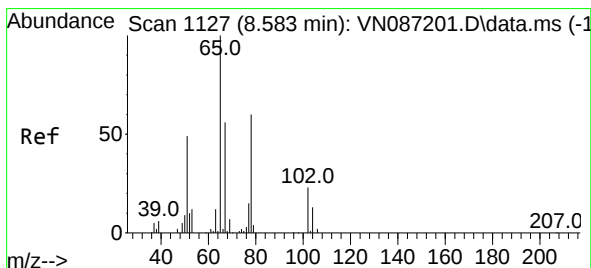
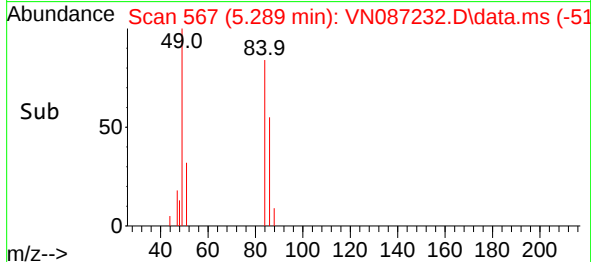
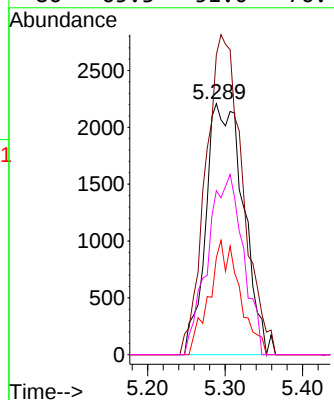
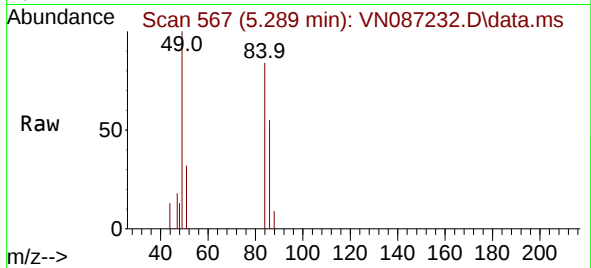




#20
Methylene Chloride
Concen: 1.055 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

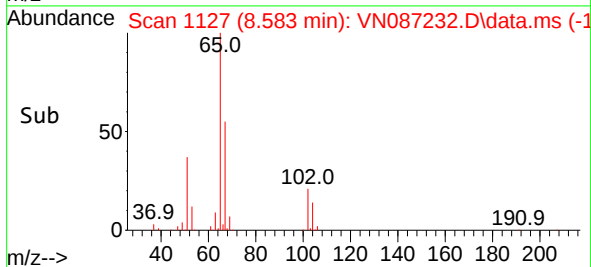
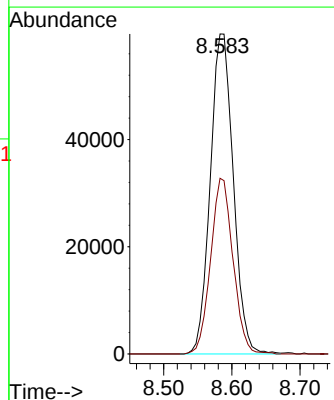
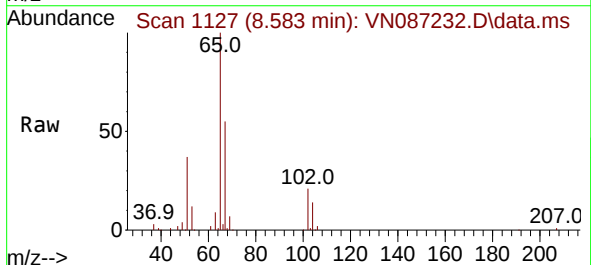
Instrument :
MSVOA_N
ClientSampleId :
MH-E/FRE

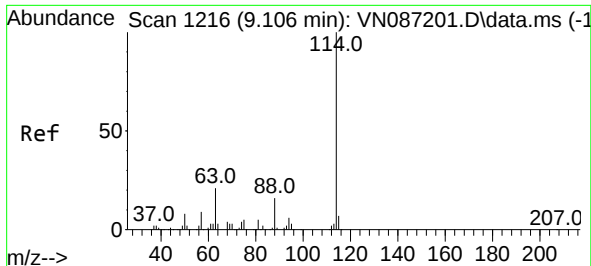
Tgt Ion:	84	Resp:	7480
Ion	Ratio	Lower	Upper
84	100		
49	119.5	93.0	139.6
51	38.7	27.2	40.8
86	65.3	51.0	76.4



#33
1,2-Dichloroethane-d4
Concen: 48.274 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

Tgt Ion:	65	Resp:	140431
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.0

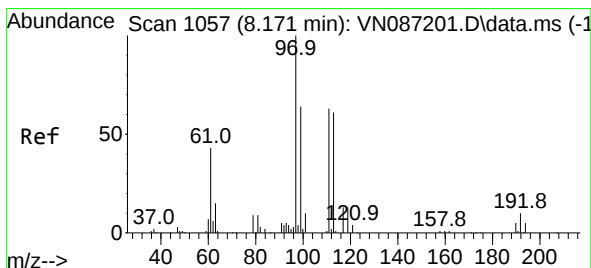
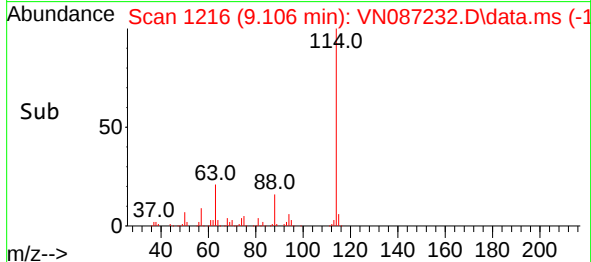
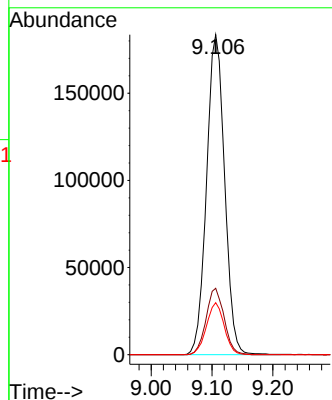
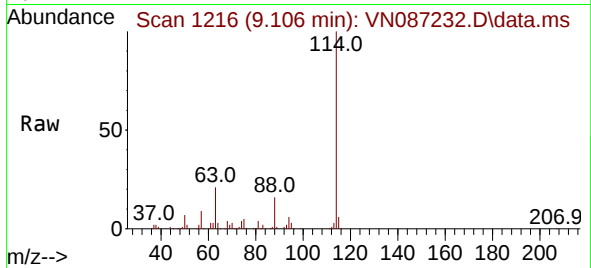




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

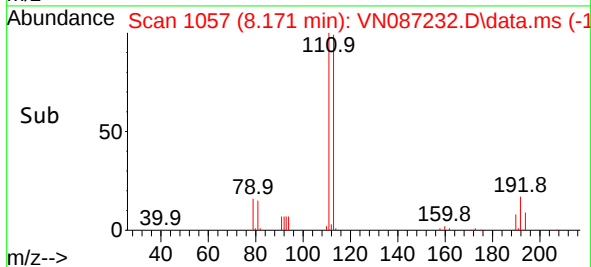
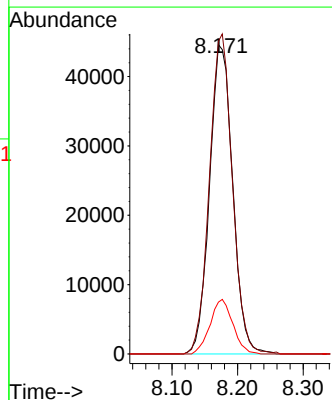
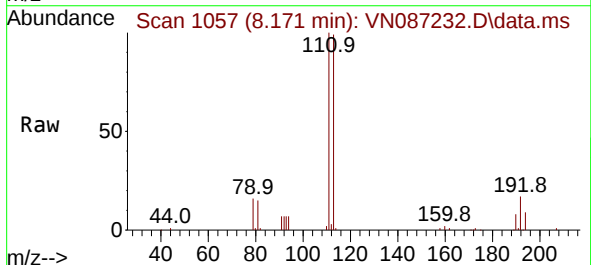
Instrument :
MSVOA_N
ClientSampleId :
MH-E/FRE

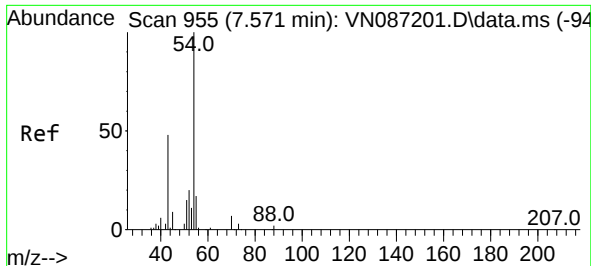
Tgt Ion:114 Resp: 378100
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.0
88 16.3 0.0 32.0



#35
Dibromofluoromethane
Concen: 44.673 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

Tgt Ion:113 Resp: 109201
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 17.4 13.5 20.3

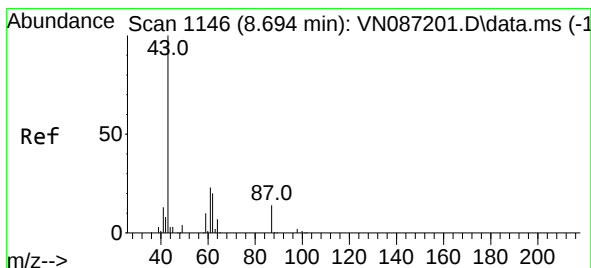
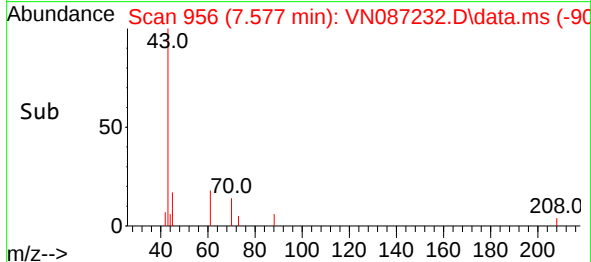
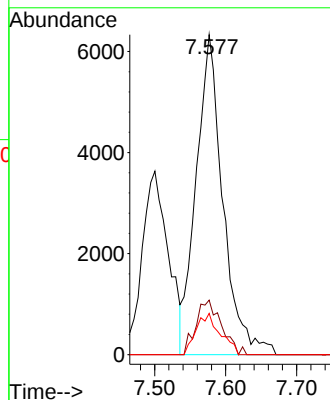
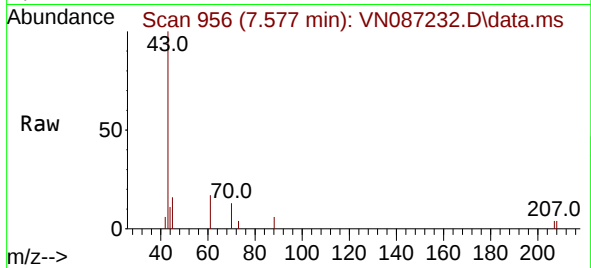




#37
Ethyl Acetate
Concen: 1.365 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

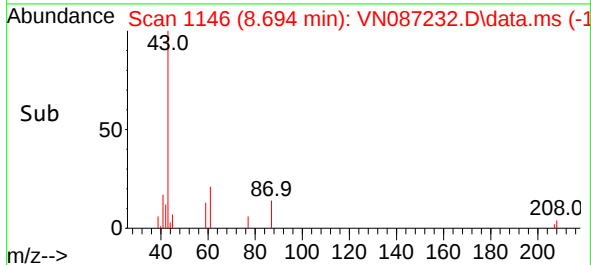
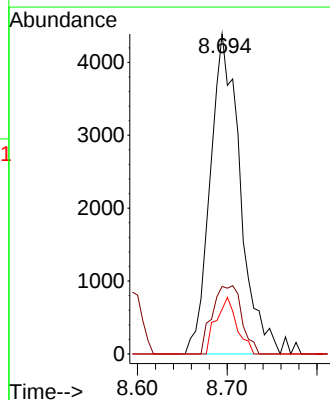
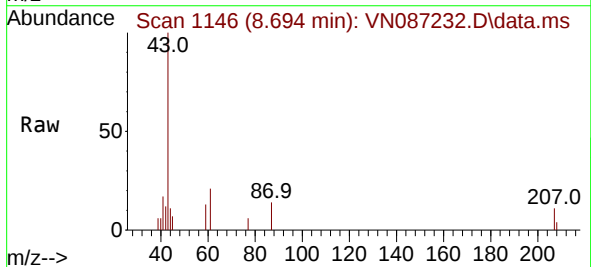
Instrument :
MSVOA_N
ClientSampleId :
MH-E/FRE

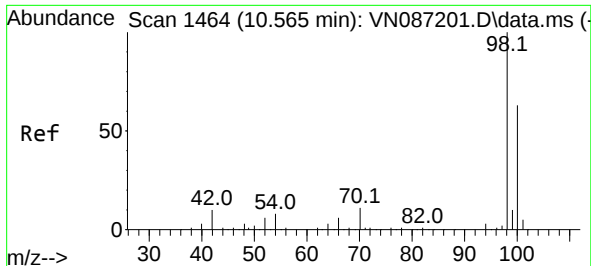
Tgt Ion: 43 Resp: 16595
Ion Ratio Lower Upper
43 100
61 16.3 10.8 16.2#
70 11.6 8.9 13.3



#43
Isopropyl Acetate
Concen: 1.545 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

Tgt Ion: 43 Resp: 10169
Ion Ratio Lower Upper
43 100
61 20.9 21.0 31.6#
87 12.3 11.0 16.6

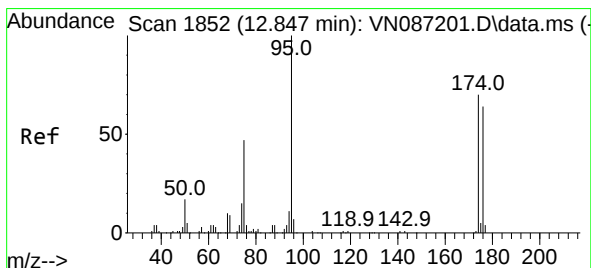
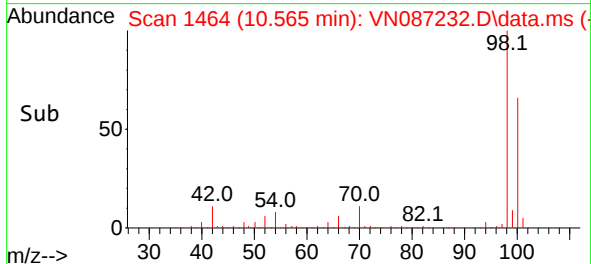
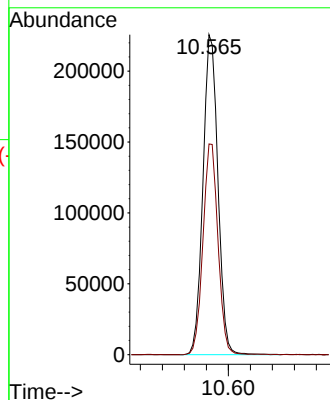
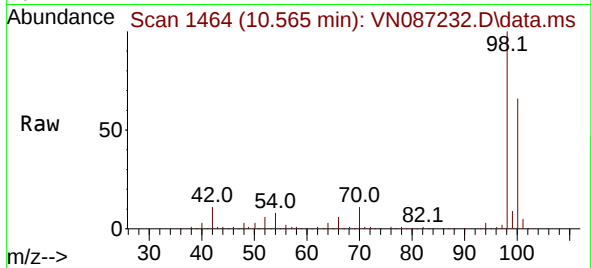




#50
Toluene-d8
Concen: 42.112 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

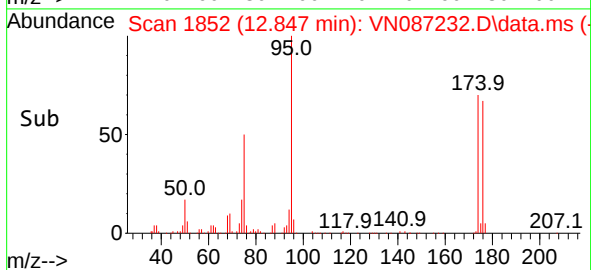
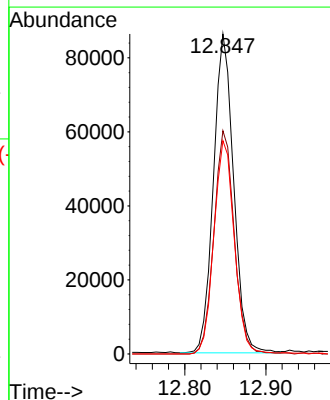
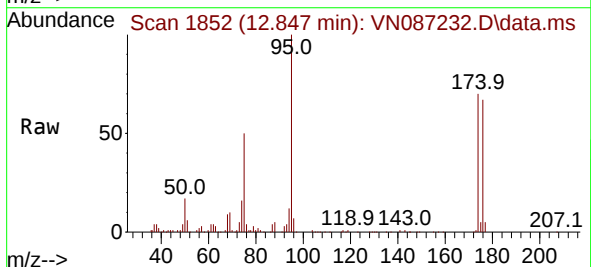
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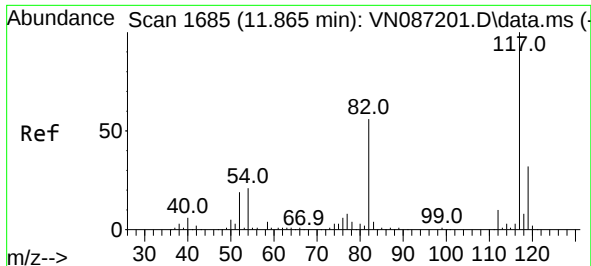
Tgt Ion: 98 Resp: 425753
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 42.473 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

Tgt Ion: 95 Resp: 148998
Ion Ratio Lower Upper
95 100
174 70.5 0.0 142.2
176 68.0 0.0 134.8

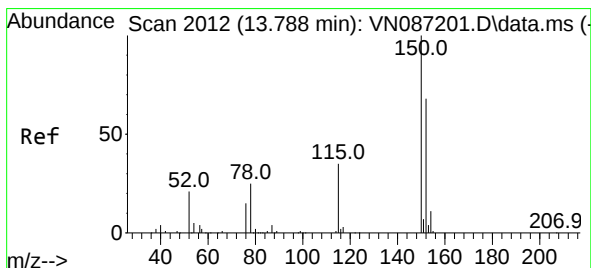
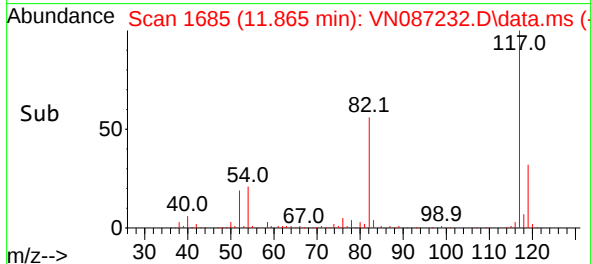
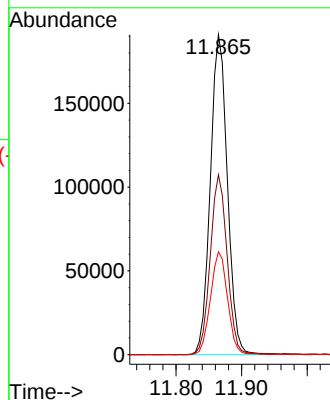
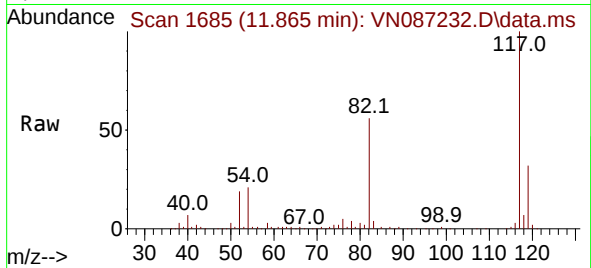




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

Instrument :
MSVOA_N
ClientSampleId :
MH-E/FRE

Tgt Ion:117 Resp: 345353
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087232.D
Acq: 27 Jun 2025 18:46

Tgt Ion:152 Resp: 154892
Ion Ratio Lower Upper
152 100
115 63.0 30.6 91.8
150 158.8 0.0 347.8

