

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
 Data File : VN087256.D
 Acq On : 01 Jul 2025 12:39
 Operator : JC\MD
 Sample : Q2459-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Jul 02 02:01:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

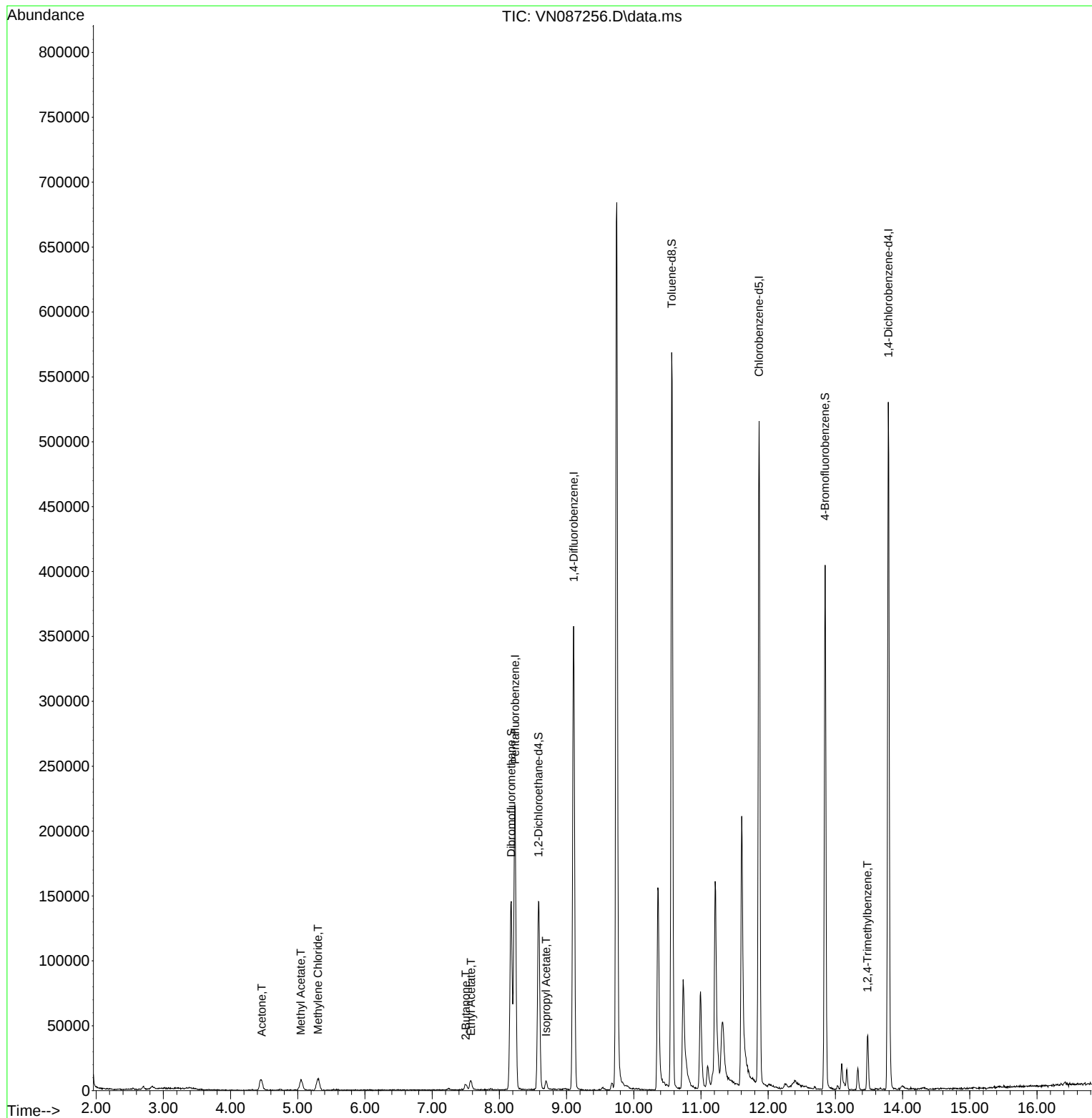
Internal Standards						
1) Pentafluorobenzene	8.235	168	176485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	329684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122060	55.106	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.220%
35) Dibromofluoromethane	8.177	113	108309	51.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.620%
50) Toluene-d8	10.565	98	409435	49.760	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.847	95	143945	49.167	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.340%
Target Compounds						
						Qvalue
16) Acetone	4.465	43	17198	20.309	ug/l	93
18) Methyl Acetate	5.047	43	17277	8.912	ug/l	98
20) Methylene Chloride	5.300	84	8221	4.382	ug/l	95
25) 2-Butanone	7.500	43	7203	5.443	ug/l #	78
37) Ethyl Acetate	7.577	43	11941	3.869	ug/l #	89
43) Isopropyl Acetate	8.694	43	7098	1.483	ug/l #	93
84) 1,2,4-Trimethylbenzene	13.476	105	24829	2.965	ug/l	99

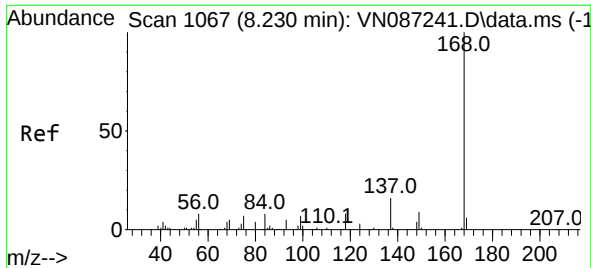
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
Data File : VN087256.D
Acq On : 01 Jul 2025 12:39
Operator : JC\MD
Sample : Q2459-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Quant Time: Jul 02 02:01:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

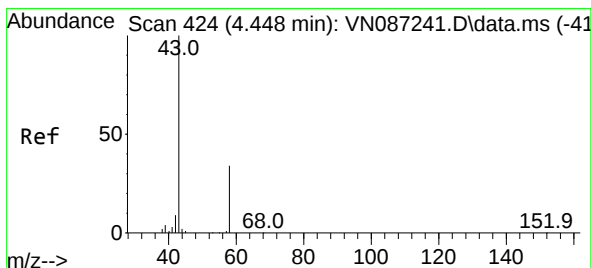
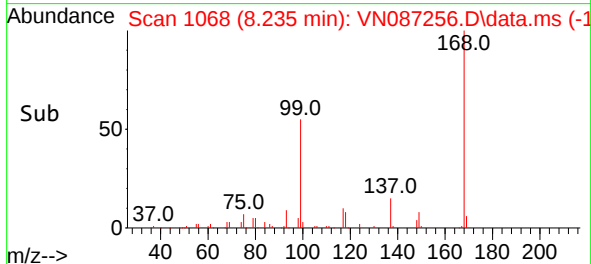
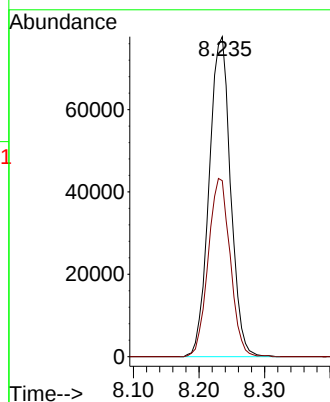
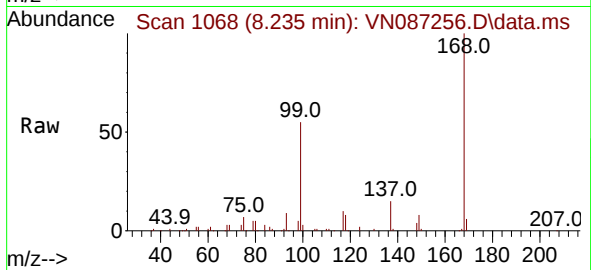




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

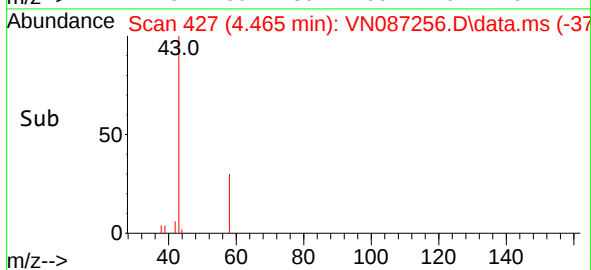
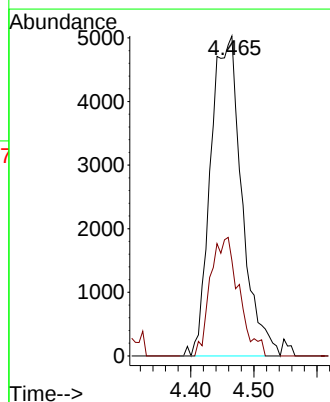
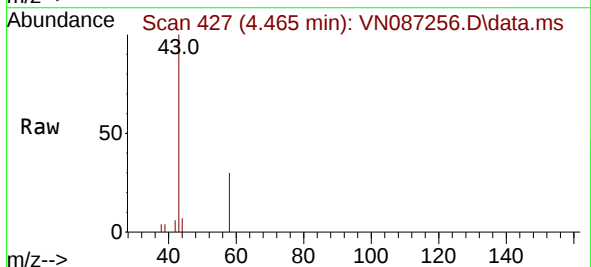
Instrument :
MSVOA_N
ClientSampleId :
TP-1

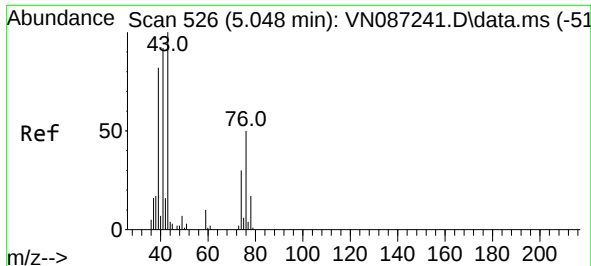
Tgt Ion:168 Resp: 176485
Ion Ratio Lower Upper
168 100
99 55.0 42.6 64.0



#16
Acetone
Concen: 20.309 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

Tgt Ion: 43 Resp: 17198
Ion Ratio Lower Upper
43 100
58 29.9 27.1 40.7

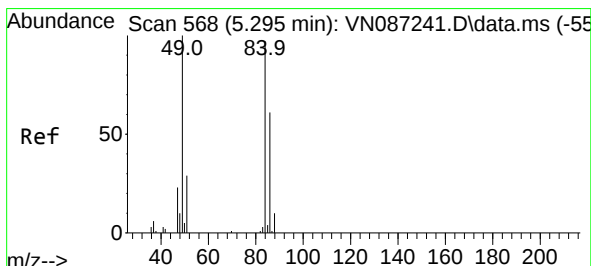
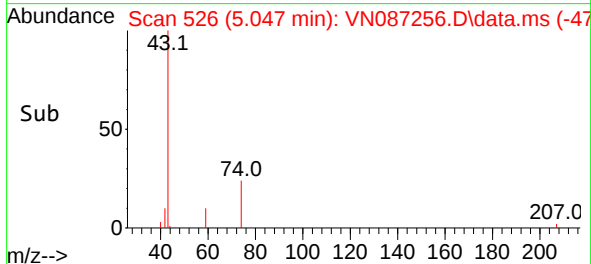
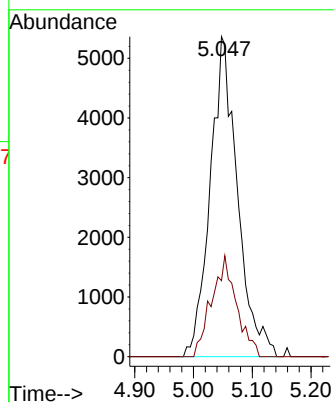
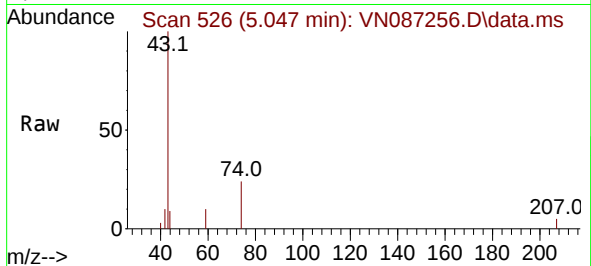




#18
Methyl Acetate
Concen: 8.912 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

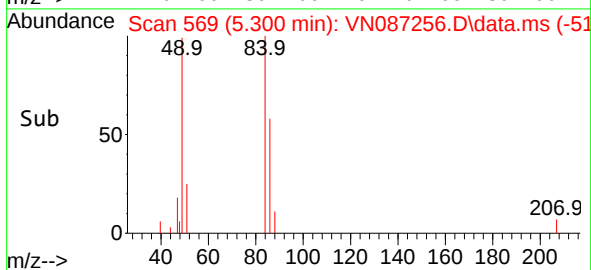
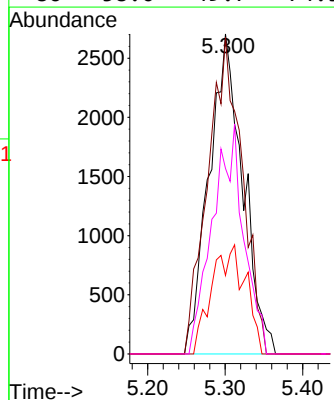
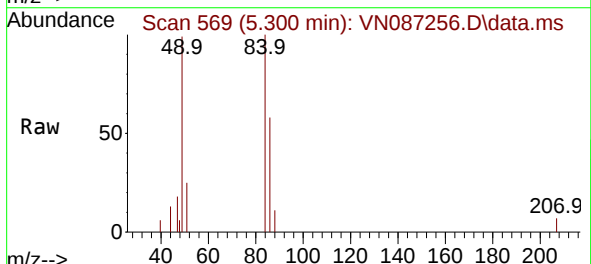
Instrument :
MSVOA_N
ClientSampleId :
TP-1

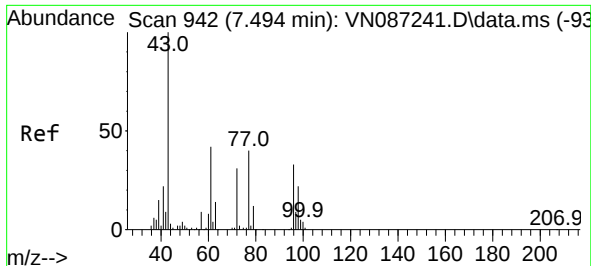
Tgt Ion: 43 Resp: 17277
Ion Ratio Lower Upper
43 100
74 28.7 23.8 35.6



#20
Methylene Chloride
Concen: 4.382 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

Tgt Ion: 84 Resp: 8221
Ion Ratio Lower Upper
84 100
49 98.9 82.1 123.1
51 24.5 23.5 35.3
86 58.0 49.7 74.5

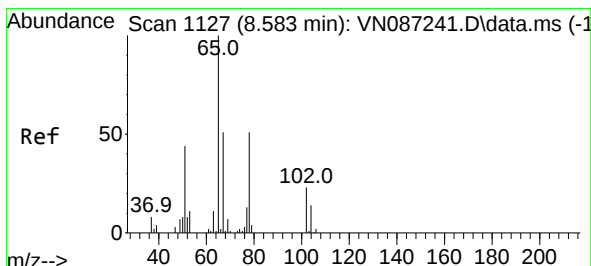
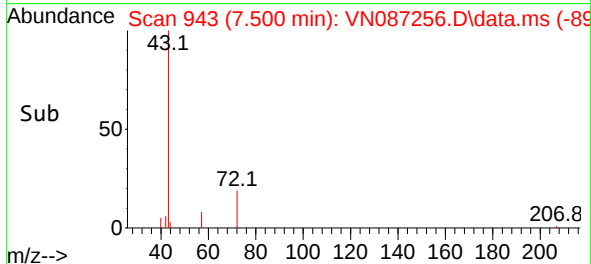
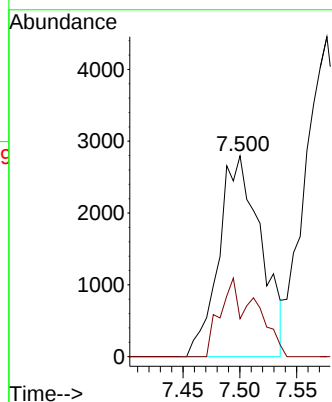
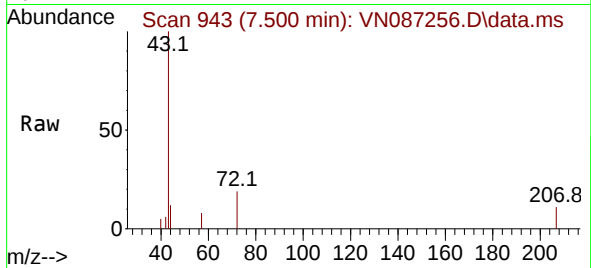




#25
2-Butanone
Concen: 5.443 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

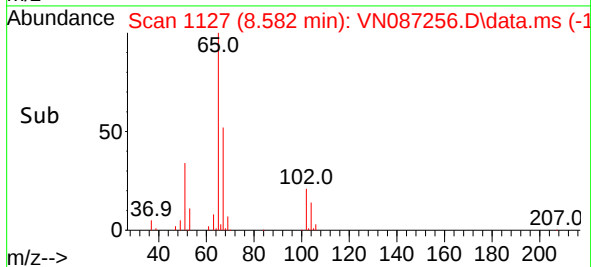
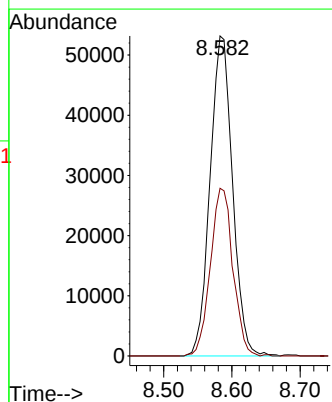
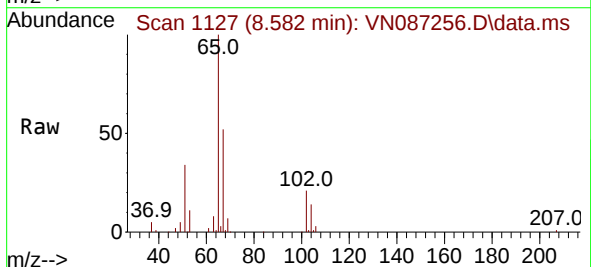
Instrument :
MSVOA_N
ClientSampleId :
TP-1

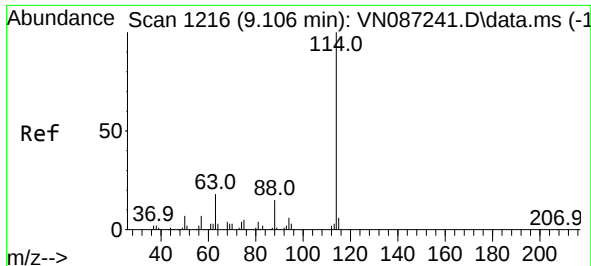
Tgt Ion: 43 Resp: 7203
Ion Ratio Lower Upper
43 100
72 18.8 24.8 37.2#



#33
1,2-Dichloroethane-d4
Concen: 55.106 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

Tgt Ion: 65 Resp: 122060
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.6

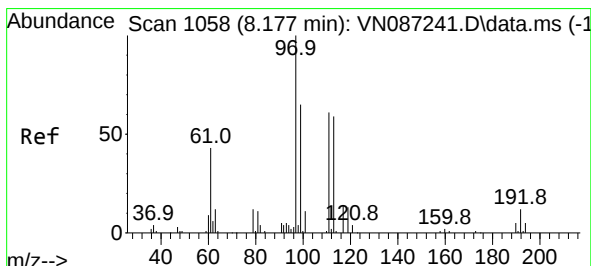
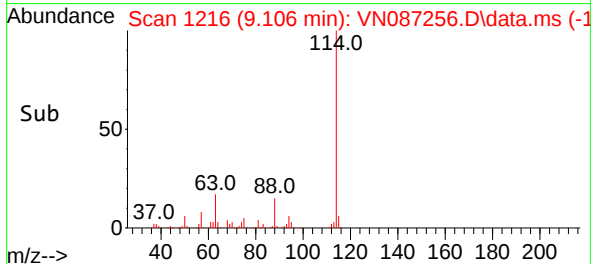
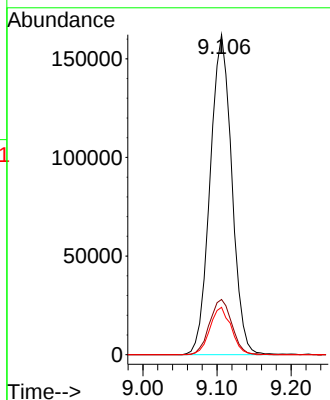
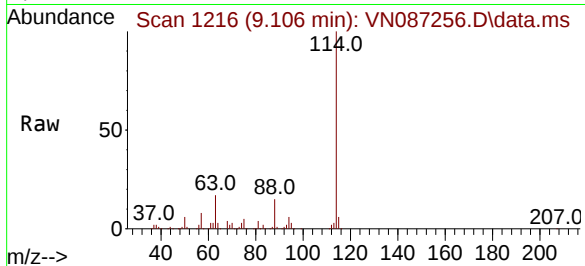




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

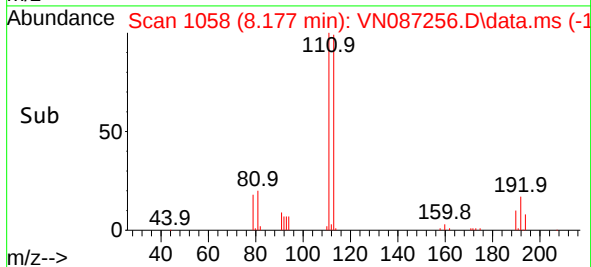
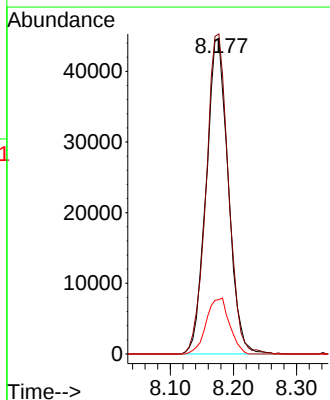
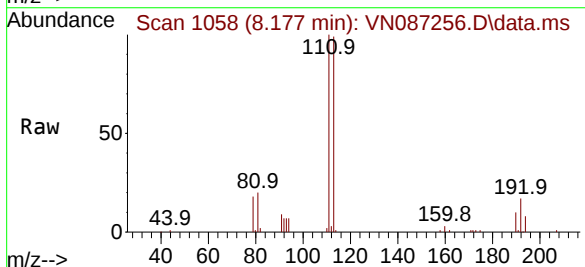
Instrument :
MSVOA_N
ClientSampleId :
TP-1

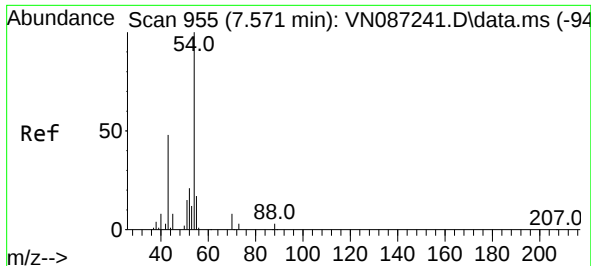
Tgt Ion:114 Resp: 329684
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.6
88 14.8 0.0 29.6



#35
Dibromofluoromethane
Concen: 51.307 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

Tgt Ion:113 Resp: 108309
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 18.5 15.1 22.7

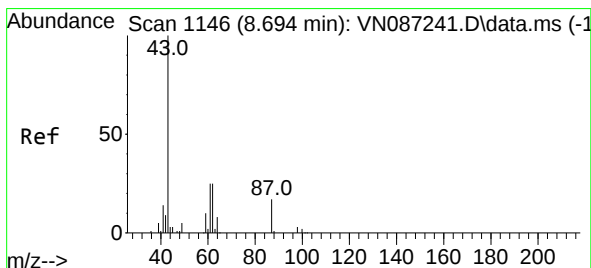
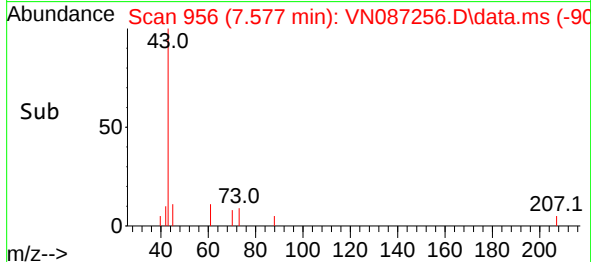
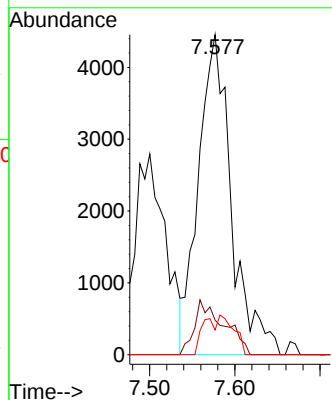
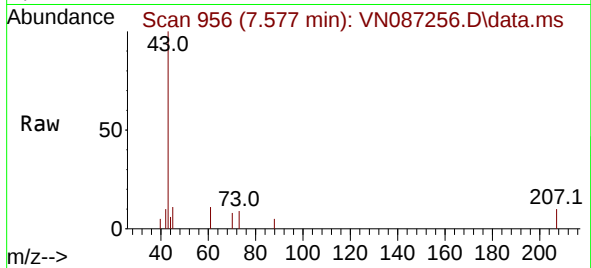




#37
Ethyl Acetate
Concen: 3.869 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

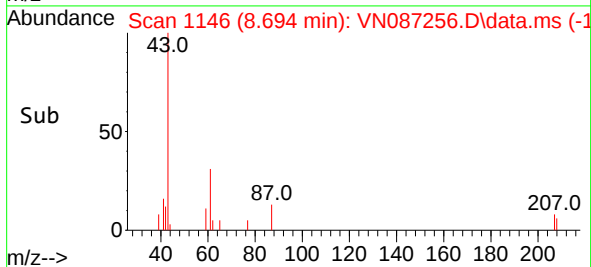
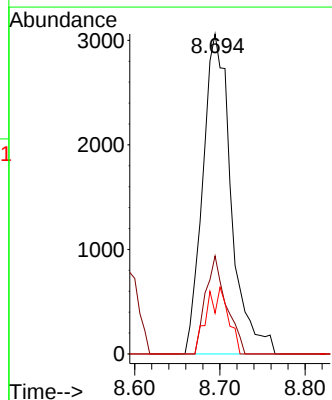
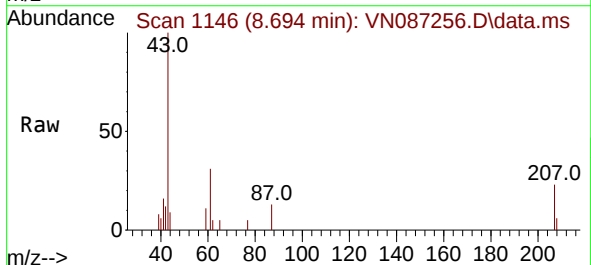
Instrument :
MSVOA_N
ClientSampleId :
TP-1

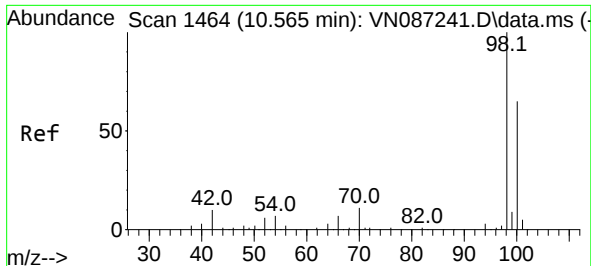
Tgt Ion: 43 Resp: 11941
Ion Ratio Lower Upper
43 100
61 15.3 11.3 16.9
70 4.9 9.9 14.9#



#43
Isopropyl Acetate
Concen: 1.483 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

Tgt Ion: 43 Resp: 7098
Ion Ratio Lower Upper
43 100
61 22.3 22.4 33.6#
87 15.7 12.8 19.2

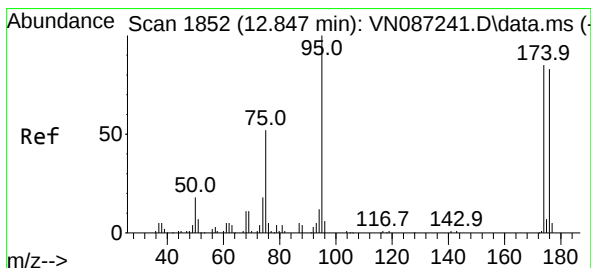
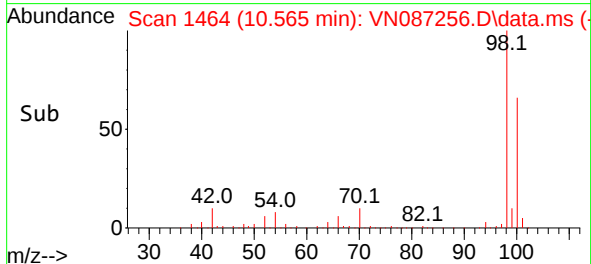
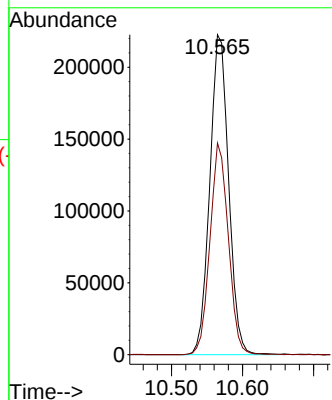
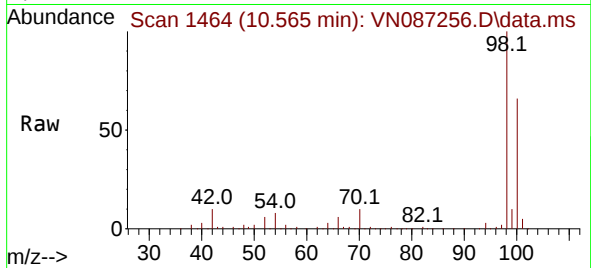




#50
Toluene-d8
Concen: 49.760 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

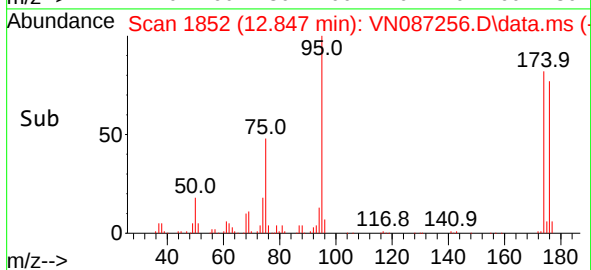
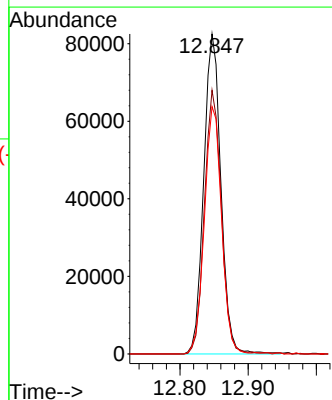
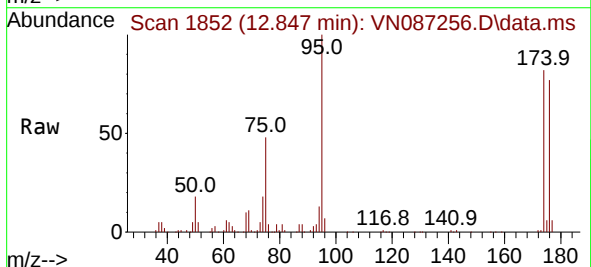
Instrument :
MSVOA_N
ClientSampleId :
TP-1

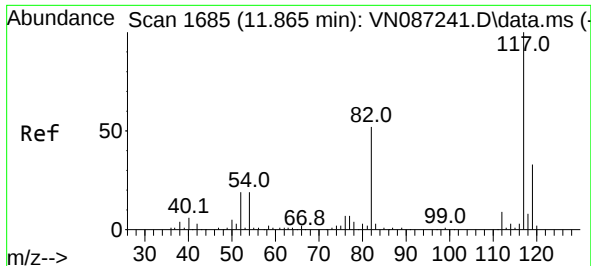
Tgt Ion: 98 Resp: 409435
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.167 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

Tgt Ion: 95 Resp: 143945
Ion Ratio Lower Upper
95 100
174 81.5 0.0 169.6
176 77.7 0.0 161.6

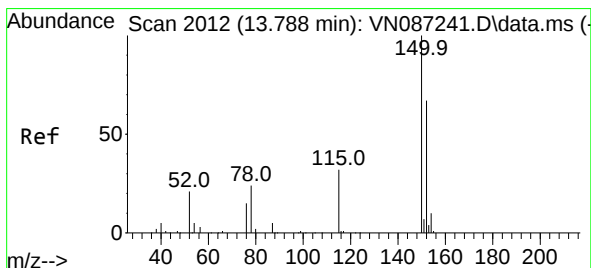
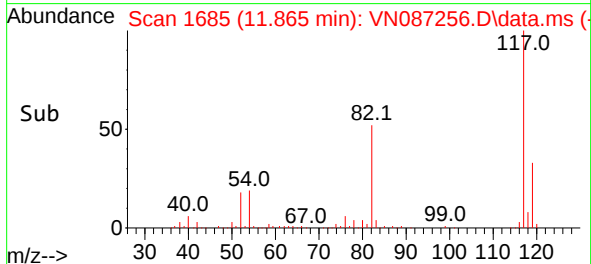
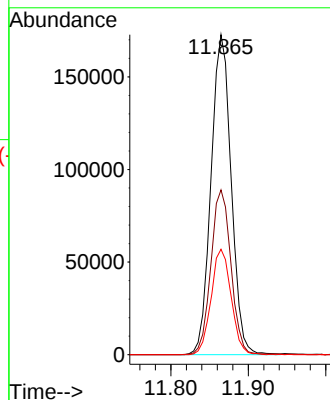
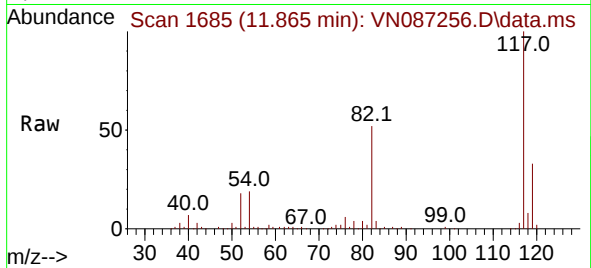




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

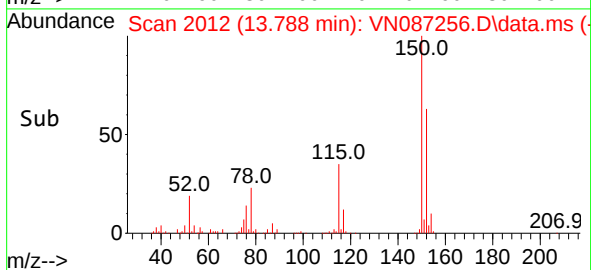
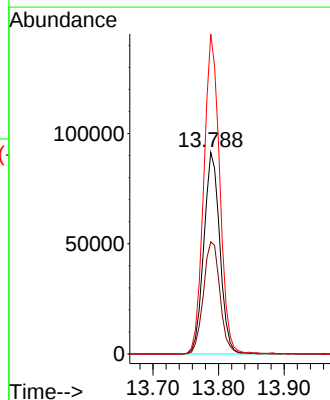
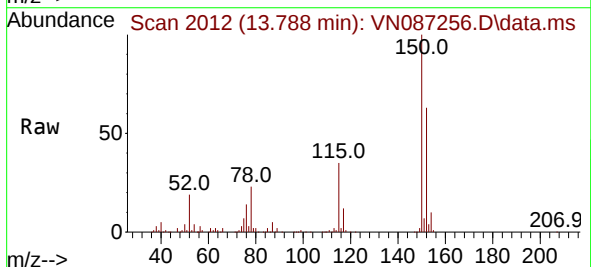
Instrument :
MSVOA_N
ClientSampleId :
TP-1

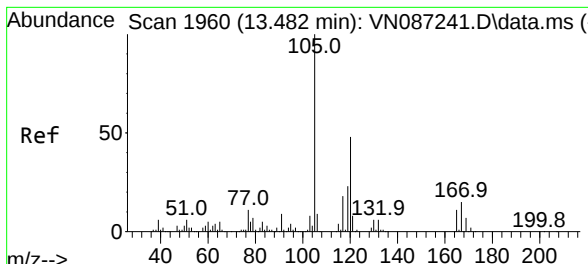
Tgt Ion:117 Resp: 313203
Ion Ratio Lower Upper
117 100
82 51.5 41.9 62.9
119 33.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087256.D
Acq: 01 Jul 2025 12:39

Tgt Ion:152 Resp: 155219
Ion Ratio Lower Upper
152 100
115 57.9 28.3 84.9
150 157.8 0.0 344.6





#84
 1,2,4-Trimethylbenzene
 Concen: 2.965 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VN087256.D
 Acq: 01 Jul 2025 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tgt Ion:105 Resp: 24829
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.3 69.9

