

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100125\
 Data File : VN088007.D
 Acq On : 01 Oct 2025 11:36
 Operator : JC\MD
 Sample : Q3231-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Oct 01 11:54:32 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)

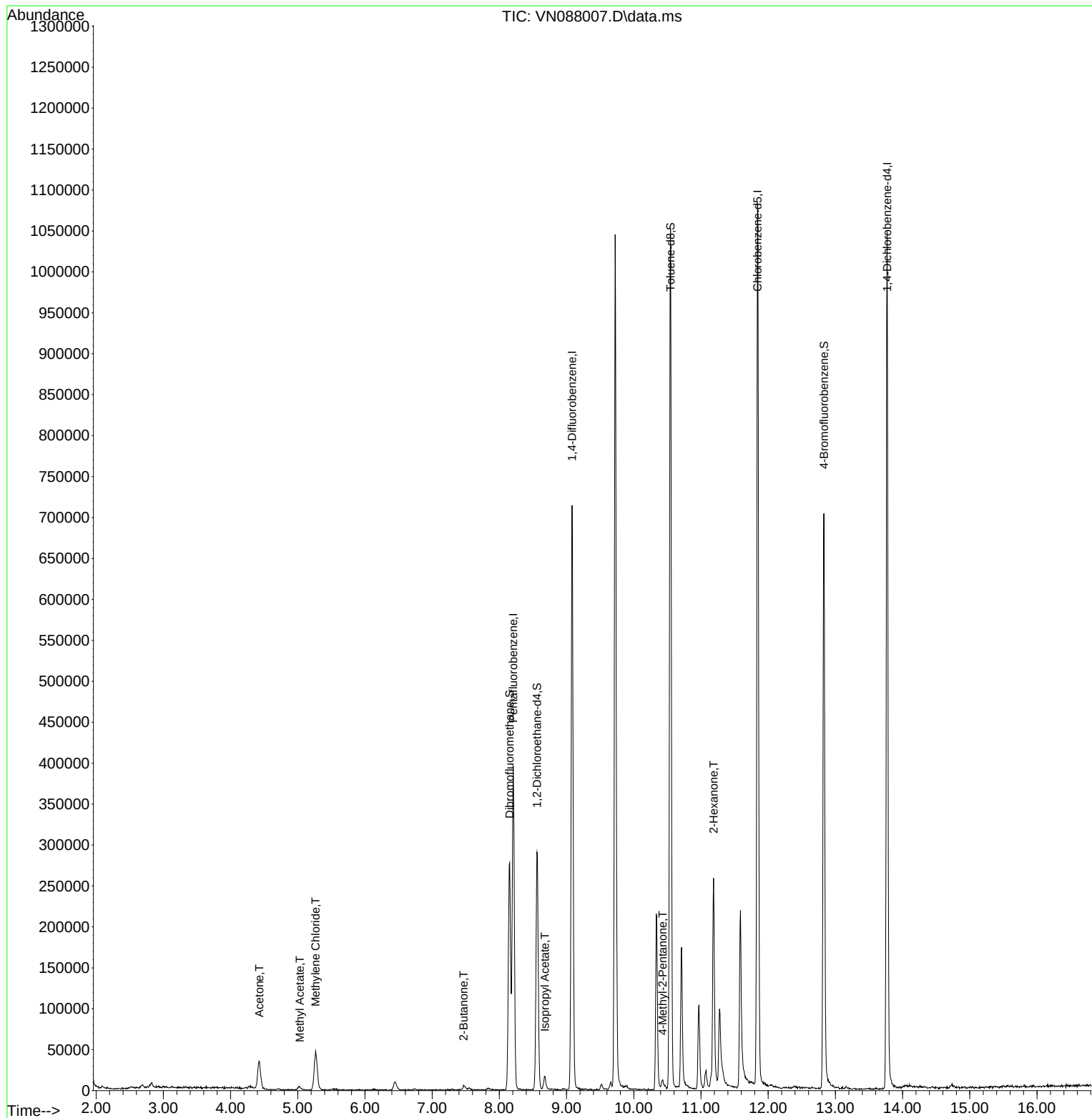
Internal Standards						
1) Pentafluorobenzene	8.206	168	267713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	598937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	608382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	275733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	240573	53.397	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.800%		
35) Dibromofluoromethane	8.153	113	198637	45.678	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.360%		
50) Toluene-d8	10.547	98	730135	47.745	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.500%		
62) 4-Bromofluorobenzene	12.829	95	249397	45.625	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.260%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	66820	36.046	ug/l	91
18) Methyl Acetate	5.030	43	9702	2.091	ug/l #	86
20) Methylene Chloride	5.265	84	35938	9.578	ug/l	95
25) 2-Butanone	7.471	43	8703	3.072	ug/l #	80
43) Isopropyl Acetate	8.677	43	18988	1.757	ug/l #	89
51) 4-Methyl-2-Pentanone	10.429	43	13036	1.933	ug/l #	72
59) 2-Hexanone	11.188	43	50046	11.222	ug/l #	49

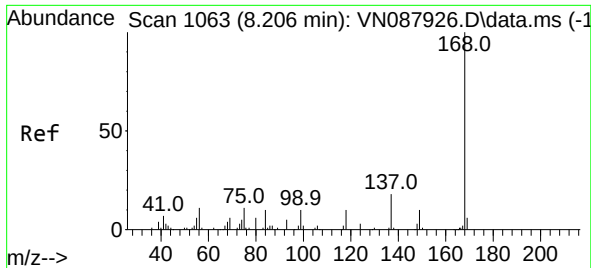
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100125\
Data File : VN088007.D
Acq On : 01 Oct 2025 11:36
Operator : JC\MD
Sample : Q3231-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-1

Quant Time: Oct 01 11:54:32 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

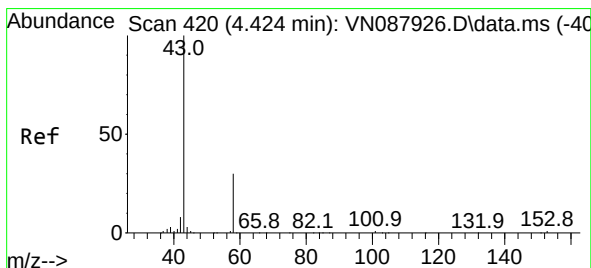
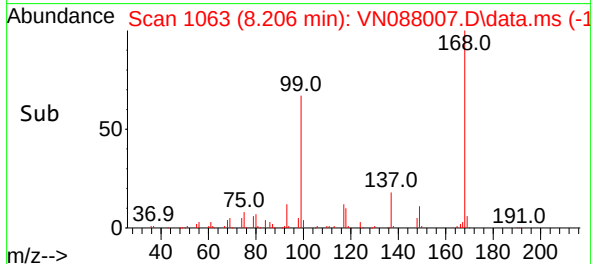
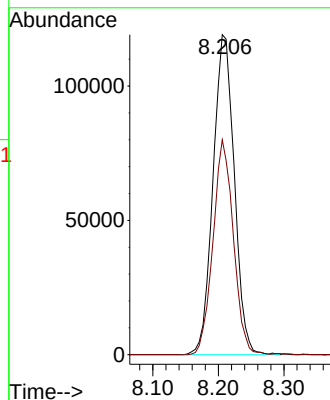
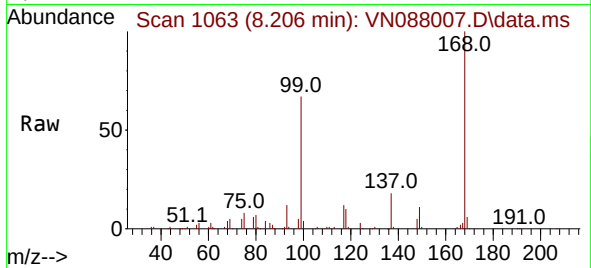




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

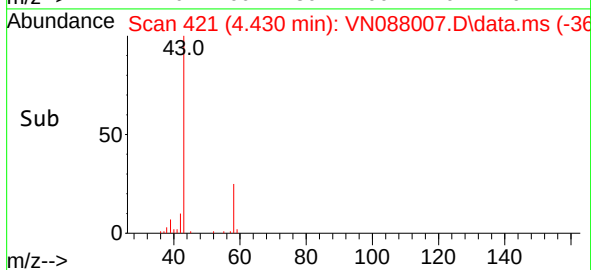
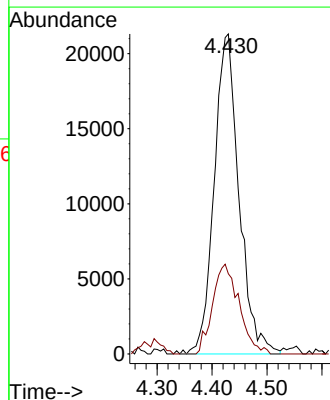
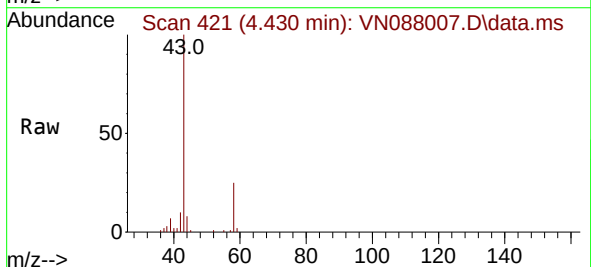
Instrument :
MSVOA_N
ClientSampleId :
WC-1

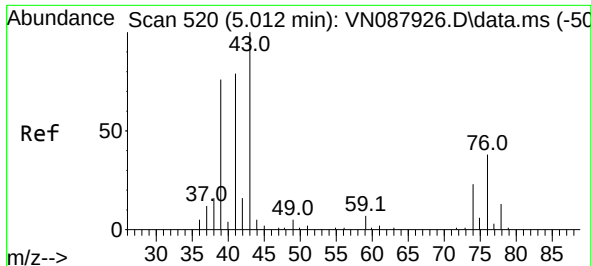
Tgt Ion:168 Resp: 267713
Ion Ratio Lower Upper
168 100
99 67.1 52.2 78.2



#16
Acetone
Concen: 36.046 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

Tgt Ion: 43 Resp: 66820
Ion Ratio Lower Upper
43 100
58 25.0 24.1 36.1

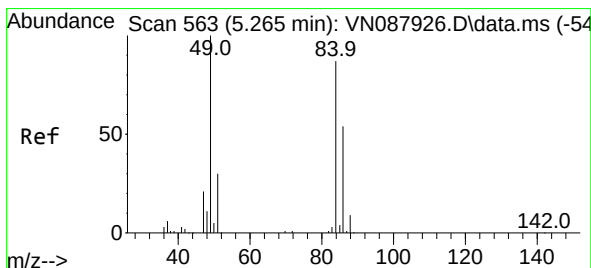
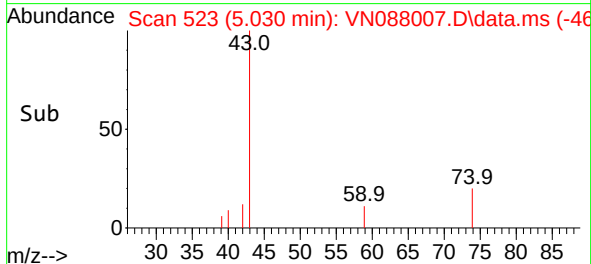
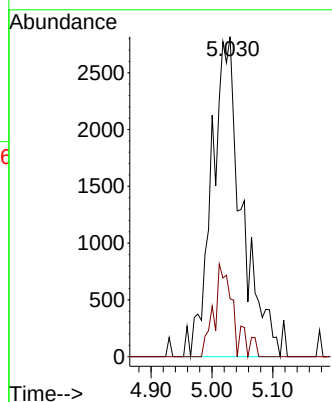
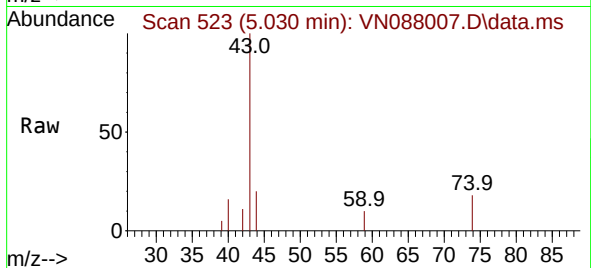




#18
Methyl Acetate
Concen: 2.091 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

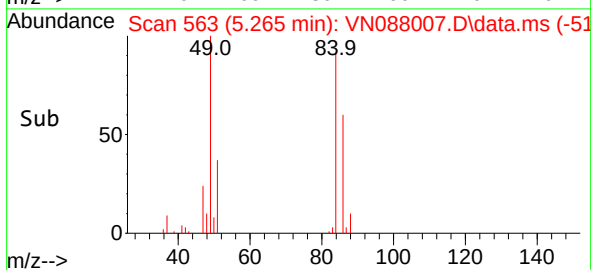
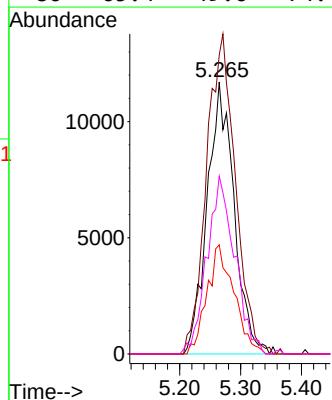
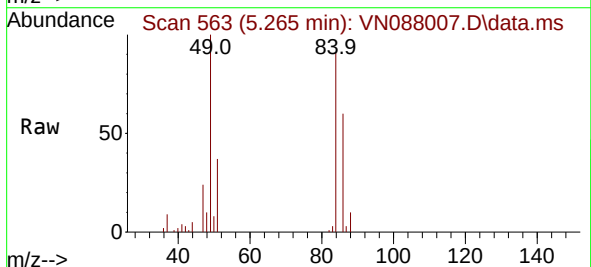
Instrument :
MSVOA_N
ClientSampleId :
WC-1

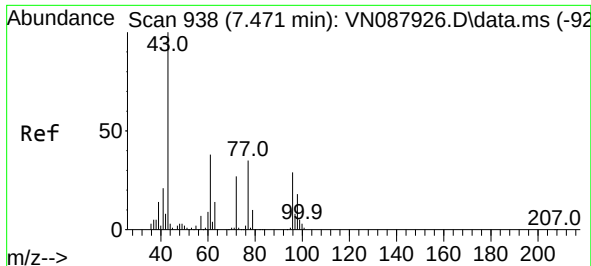
Tgt Ion: 43 Resp: 9702
Ion Ratio Lower Upper
43 100
74 17.6 19.7 29.5#



#20
Methylene Chloride
Concen: 9.578 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

Tgt Ion: 84 Resp: 35938
Ion Ratio Lower Upper
84 100
49 109.8 92.1 138.1
51 40.1 27.7 41.5
86 65.4 49.6 74.4

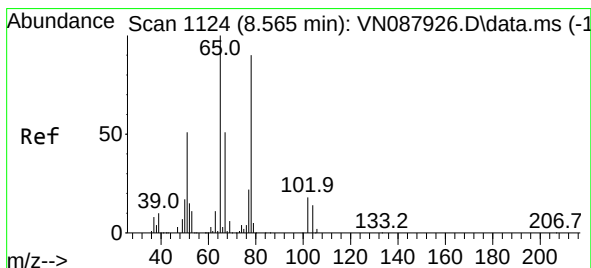
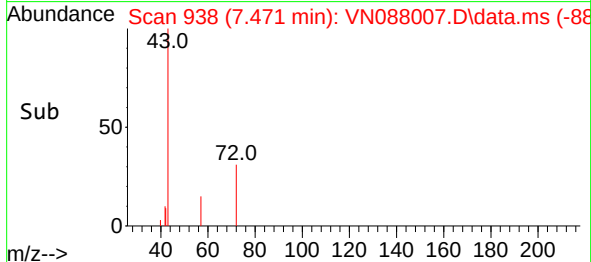
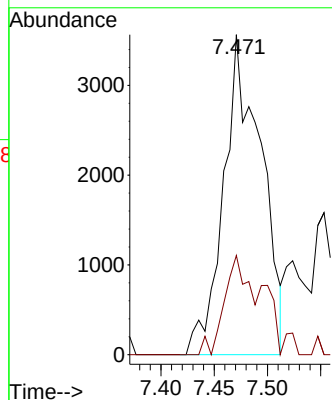
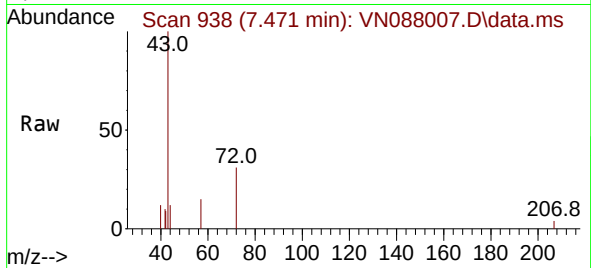




#25
2-Butanone
Concen: 3.072 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

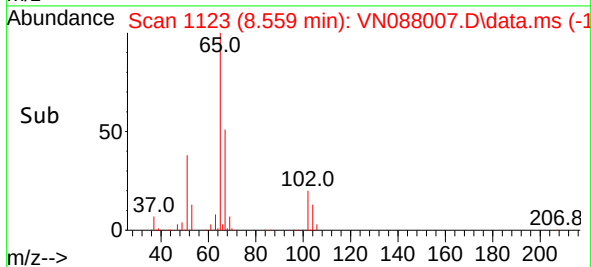
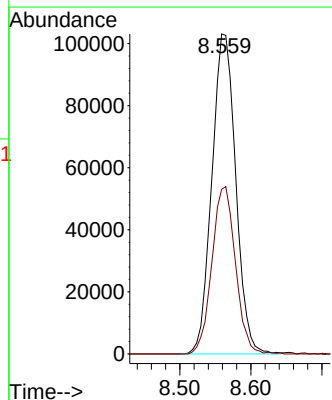
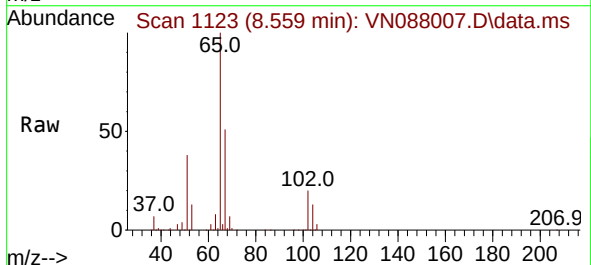
Instrument :
MSVOA_N
ClientSampleId :
WC-1

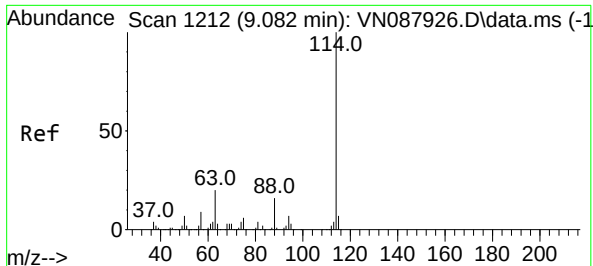
Tgt Ion: 43 Resp: 8703
Ion Ratio Lower Upper
43 100
72 37.2 21.5 32.3#



#33
1,2-Dichloroethane-d4
Concen: 53.397 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

Tgt Ion: 65 Resp: 240573
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

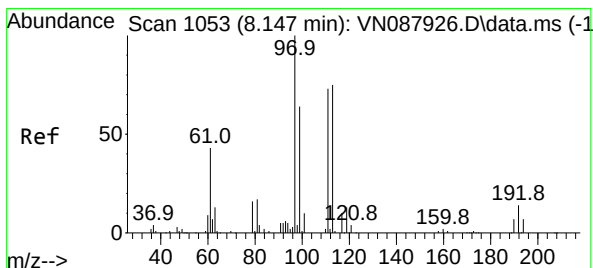
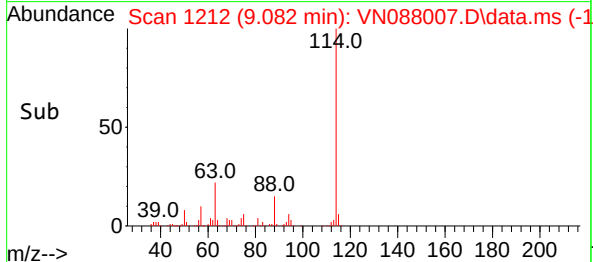
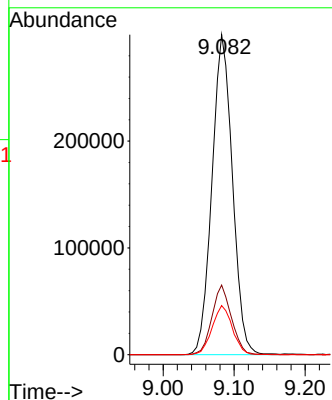
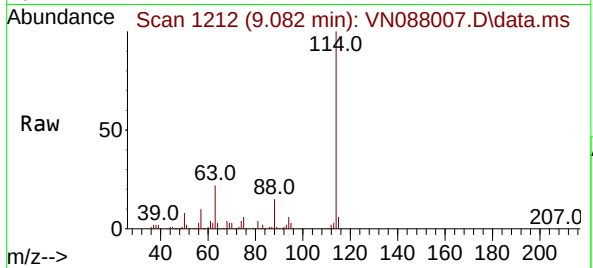




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

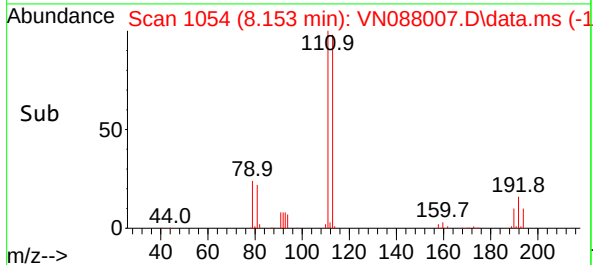
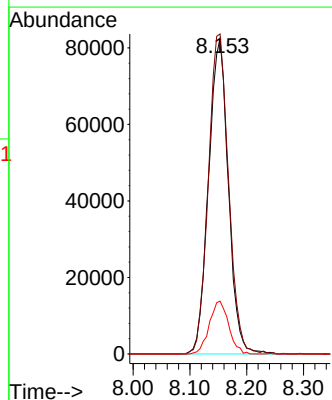
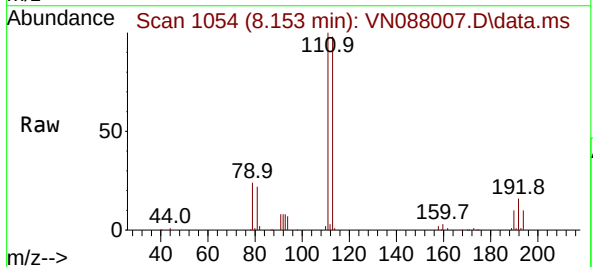
Instrument :
MSVOA_N
ClientSampleId :
WC-1

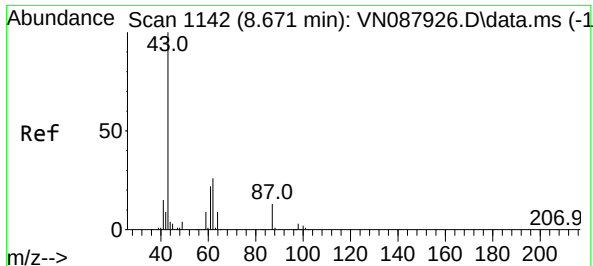
Tgt Ion:114 Resp: 598937
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.0
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.678 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

Tgt Ion:113 Resp: 198637
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 16.4 14.2 21.2

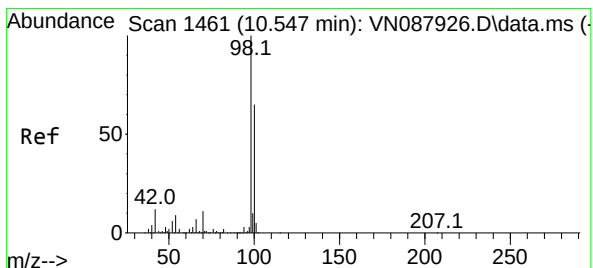
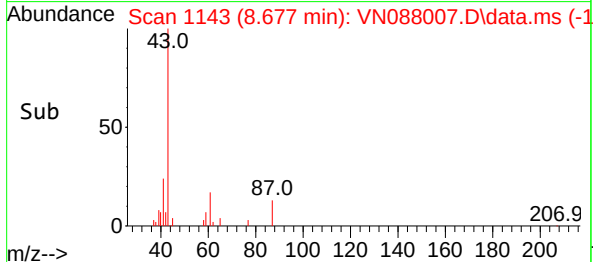
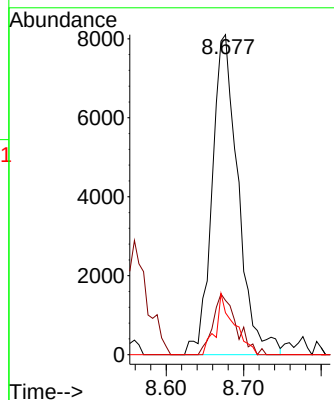
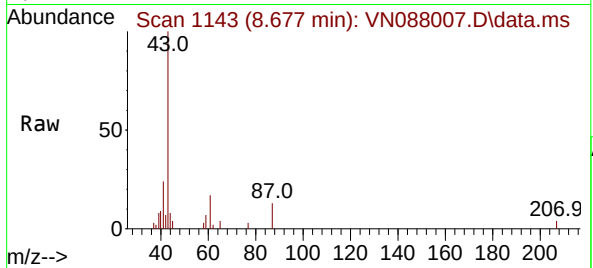




#43
Isopropyl Acetate
Concen: 1.757 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

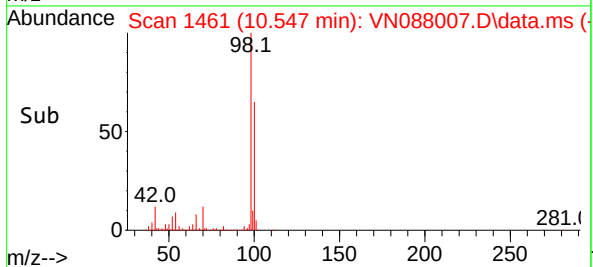
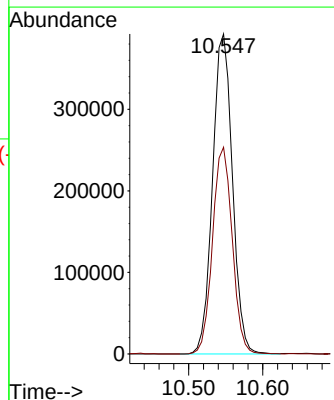
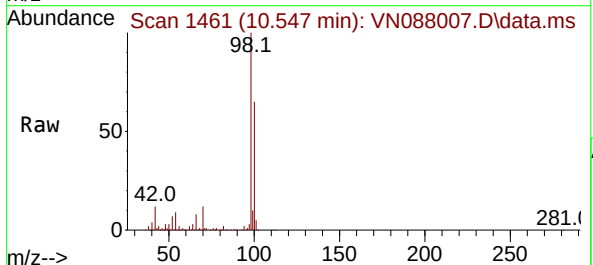
Instrument :
MSVOA_N
ClientSampleId :
WC-1

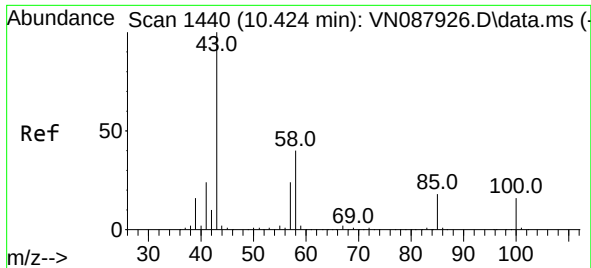
Tgt Ion: 43 Resp: 18988
Ion Ratio Lower Upper
43 100
61 17.0 20.2 30.2#
87 13.3 10.9 16.3



#50
Toluene-d8
Concen: 47.745 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

Tgt Ion: 98 Resp: 730135
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

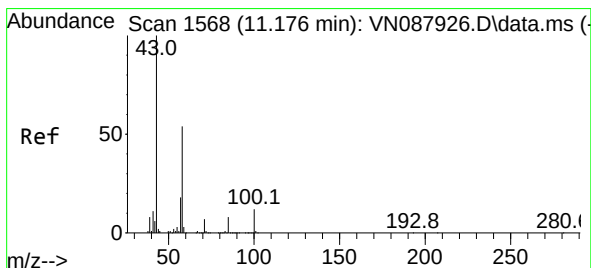
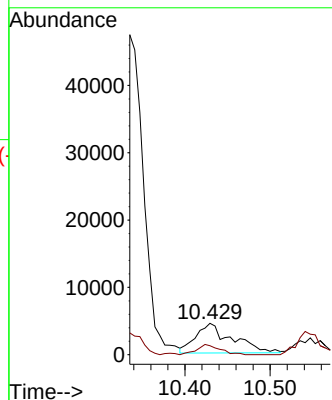
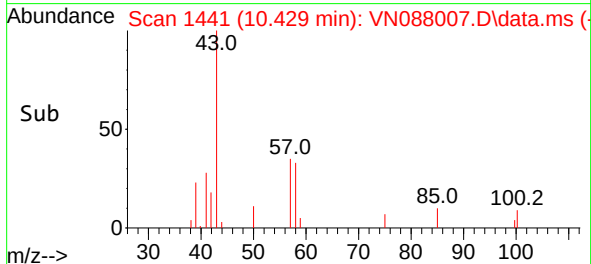
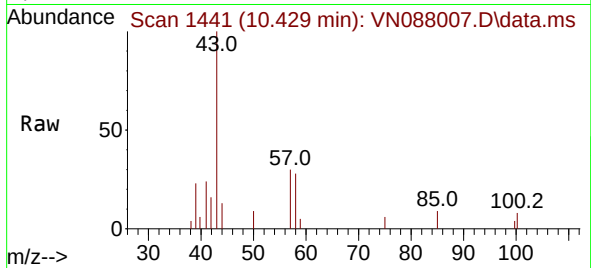




#51
4-Methyl-2-Pentanone
Concen: 1.933 ug/l
RT: 10.429 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

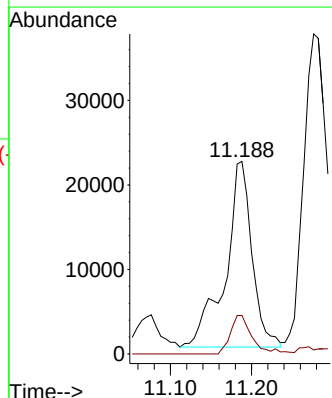
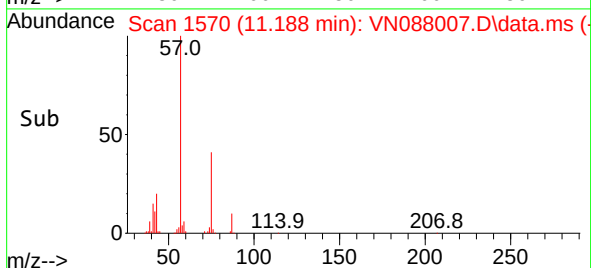
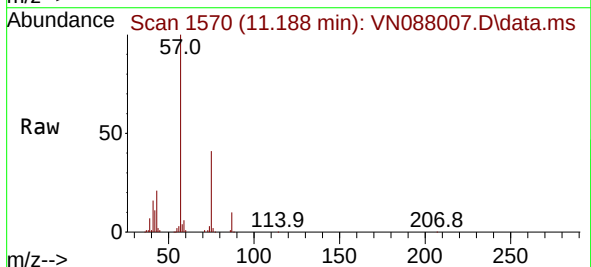
Instrument :
MSVOA_N
ClientSampleId :
WC-1

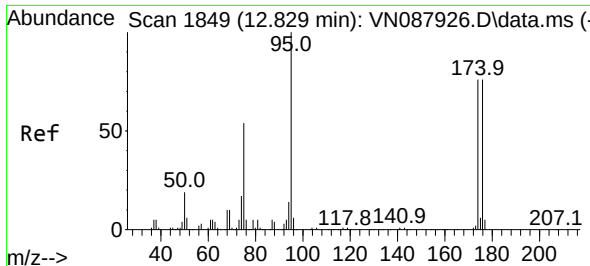
Tgt Ion: 43 Resp: 13036
Ion Ratio Lower Upper
43 100
58 21.9 31.0 46.6#



#59
2-Hexanone
Concen: 11.222 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.012 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

Tgt Ion: 43 Resp: 50046
Ion Ratio Lower Upper
43 100
58 16.9 26.4 79.2#

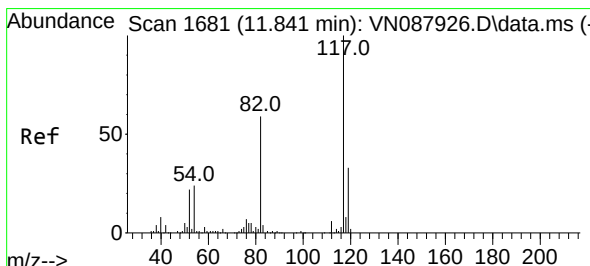
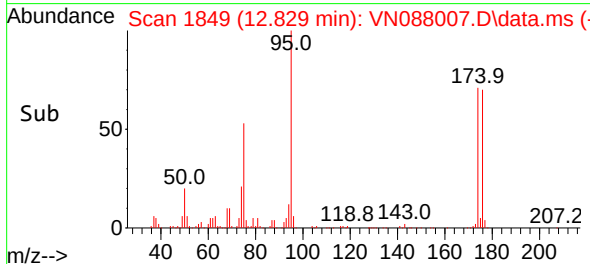
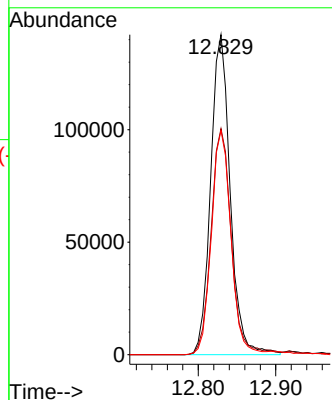
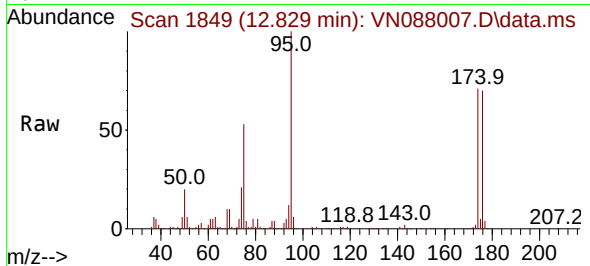




#62
4-Bromofluorobenzene
Concen: 45.625 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

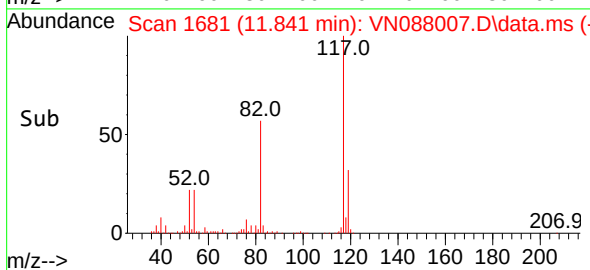
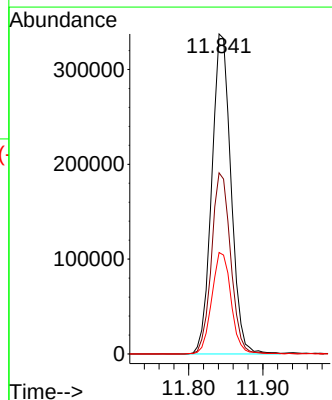
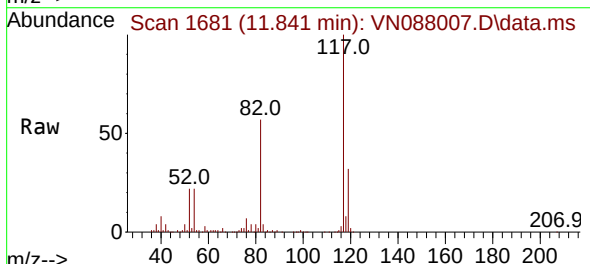
Instrument :
MSVOA_N
ClientSampleId :
WC-1

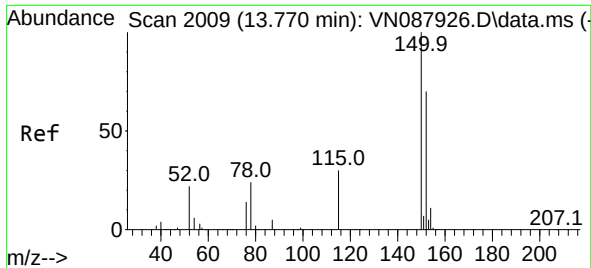
Tgt Ion: 95 Resp: 249397
Ion Ratio Lower Upper
95 100
174 73.3 0.0 159.2
176 70.0 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088007.D
Acq: 01 Oct 2025 11:36

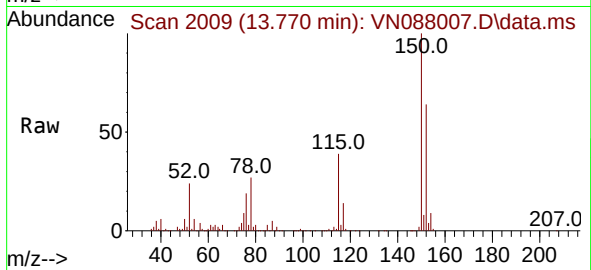
Tgt Ion: 117 Resp: 608382
Ion Ratio Lower Upper
117 100
82 56.6 47.0 70.4
119 31.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN088007.D
 Acq: 01 Oct 2025 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1



Tgt Ion:152 Resp: 275733

Ion	Ratio	Lower	Upper
152	100		
115	63.4	29.9	89.7
150	159.5	0.0	335.0

