

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087662.D
 Acq On : 25 Aug 2025 16:46
 Operator : JC\MD
 Sample : Q2941-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP(1-2)

Quant Time: Aug 26 01:39:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

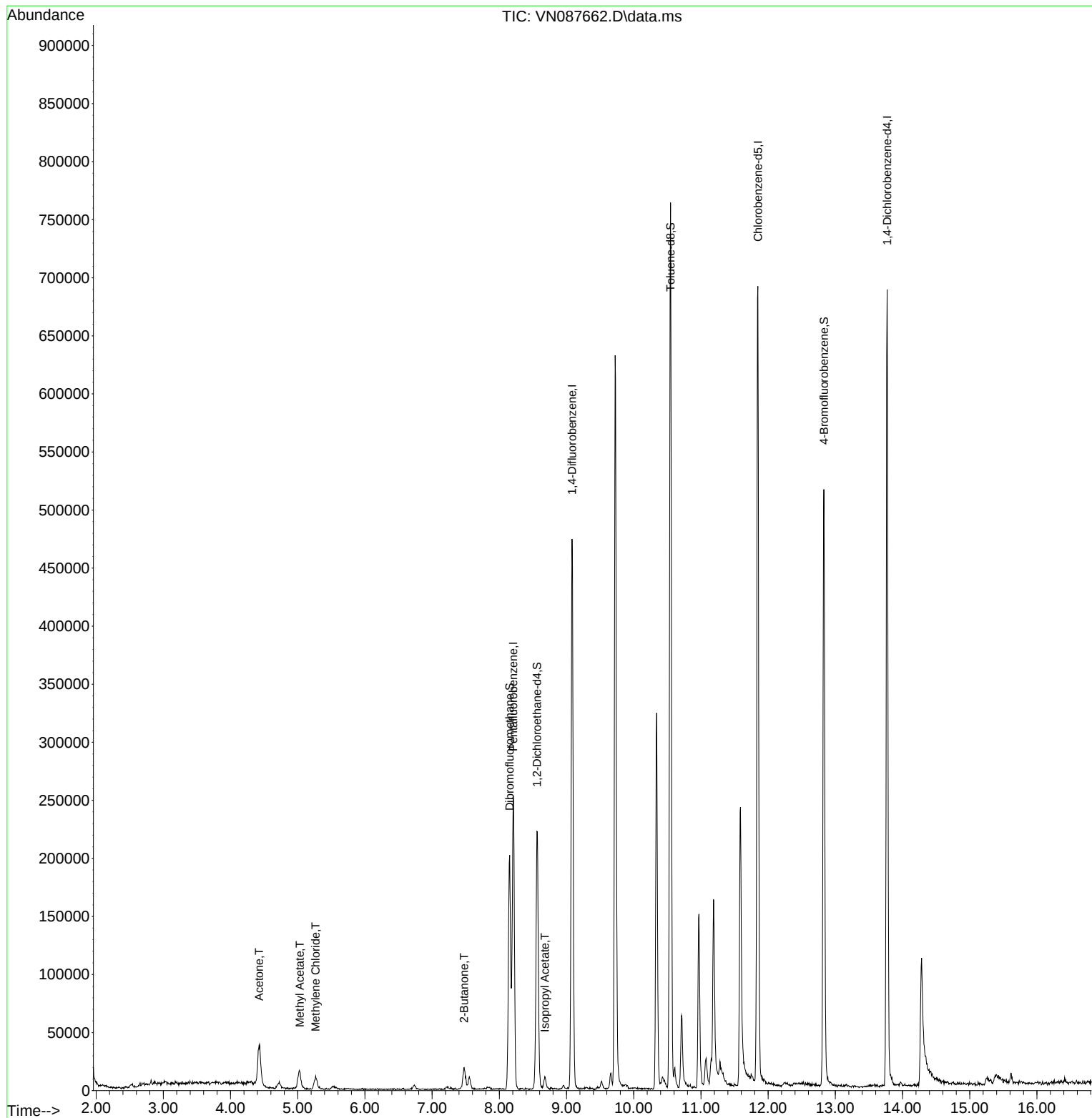
Internal Standards						
1) Pentafluorobenzene	8.206	168	162983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	386746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	371850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	171642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	186225	55.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.540%	
35) Dibromofluoromethane	8.153	113	141777	50.774	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.540%	
50) Toluene-d8	10.547	98	506431	48.457	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.920%	
62) 4-Bromofluorobenzene	12.829	95	181641	48.871	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.740%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	67750	37.270	ug/l	96
18) Methyl Acetate	5.030	43	33792	8.878	ug/l	98
20) Methylene Chloride	5.265	84	7856	1.791	ug/l #	90
25) 2-Butanone	7.477	43	30979	12.953	ug/l	97
43) Isopropyl Acetate	8.677	43	12714	1.391	ug/l #	93

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087662.D
Acq On : 25 Aug 2025 16:46
Operator : JC\MD
Sample : Q2941-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP(1-2)

Quant Time: Aug 26 01:39:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

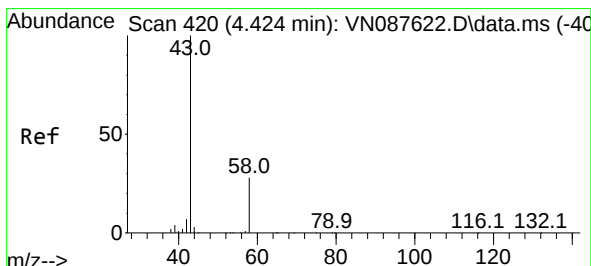
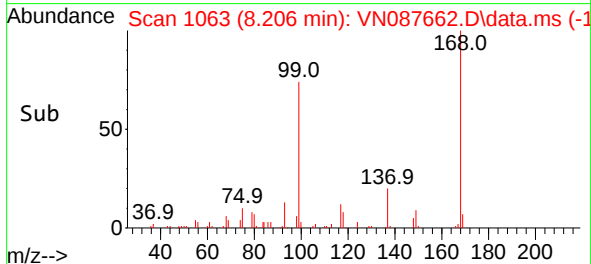
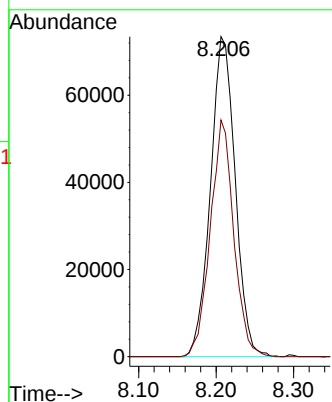
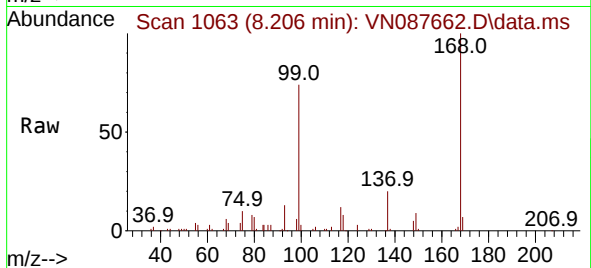




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087662.D
Acq: 25 Aug 2025 16:46

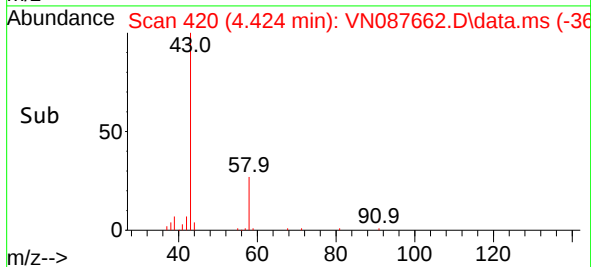
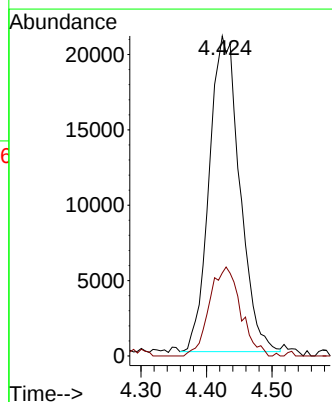
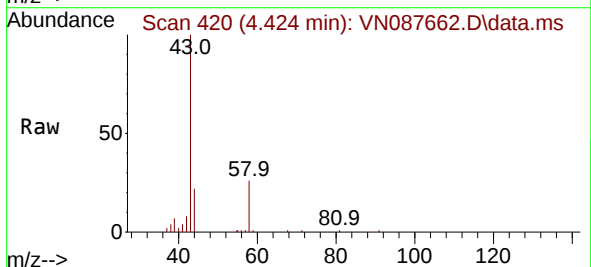
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP(1-2)

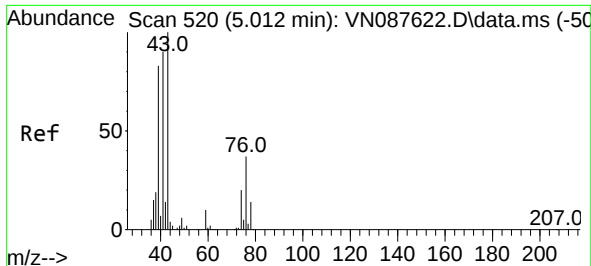
Tgt Ion:168 Resp: 162983
Ion Ratio Lower Upper
168 100
99 74.0 57.2 85.8



#16
Acetone
Concen: 37.270 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087662.D
Acq: 25 Aug 2025 16:46

Tgt Ion: 43 Resp: 67750
Ion Ratio Lower Upper
43 100
58 26.3 22.6 33.8

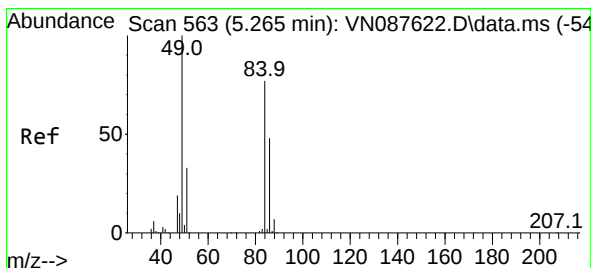
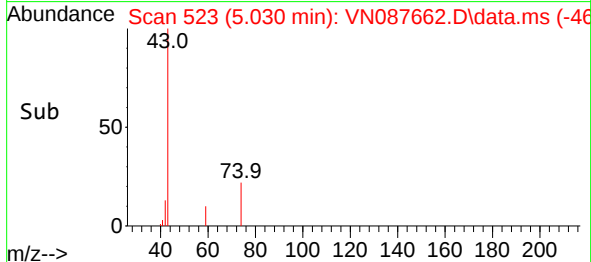
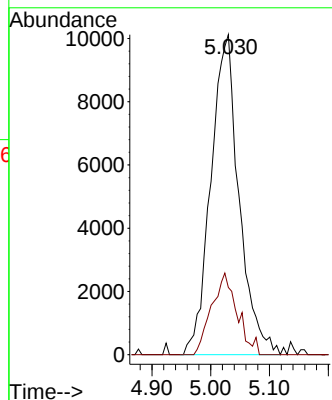
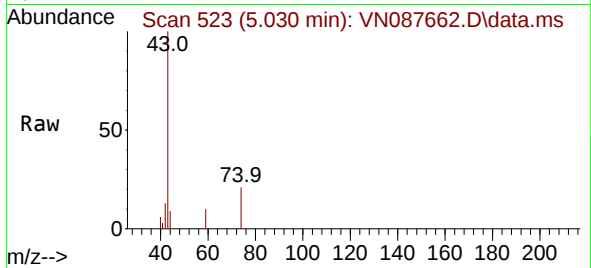




#18
Methyl Acetate
Concen: 8.878 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN087662.D
Acq: 25 Aug 2025 16:46

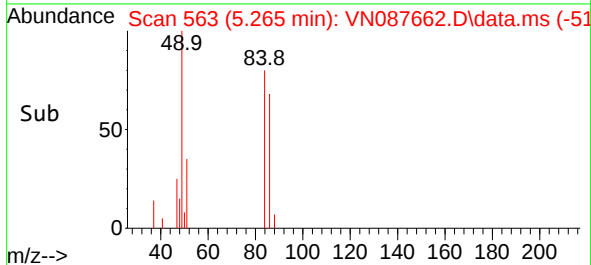
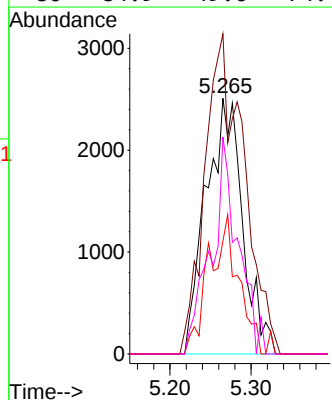
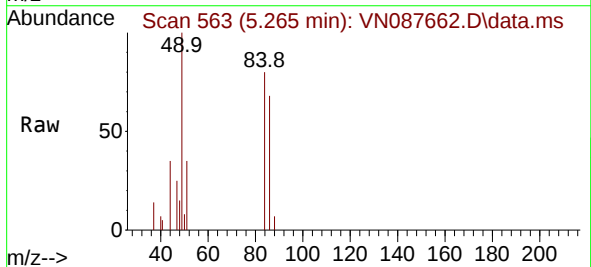
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP(1-2)

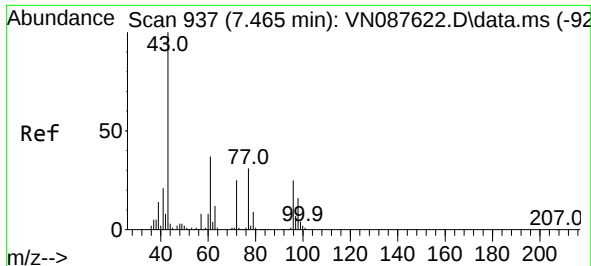
Tgt Ion: 43 Resp: 33792
Ion Ratio Lower Upper
43 100
74 23.1 17.6 26.4



#20
Methylene Chloride
Concen: 1.791 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087662.D
Acq: 25 Aug 2025 16:46

Tgt Ion: 84 Resp: 7856
Ion Ratio Lower Upper
84 100
49 125.2 103.4 155.2
51 44.2 33.8 50.8
86 84.9 49.6 74.4#

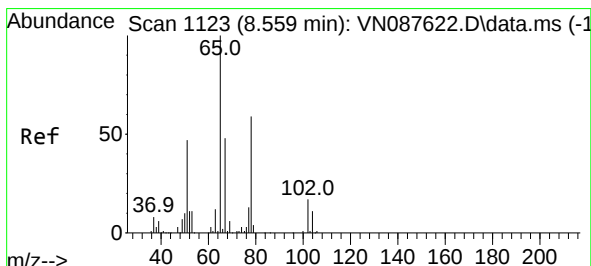
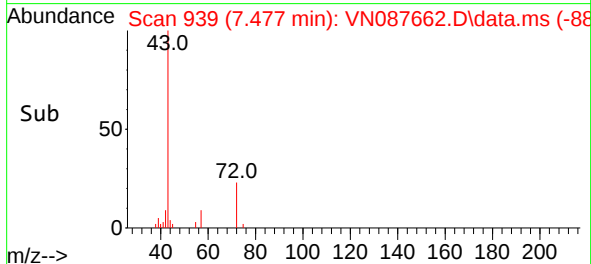
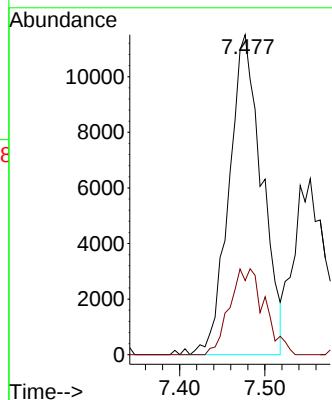
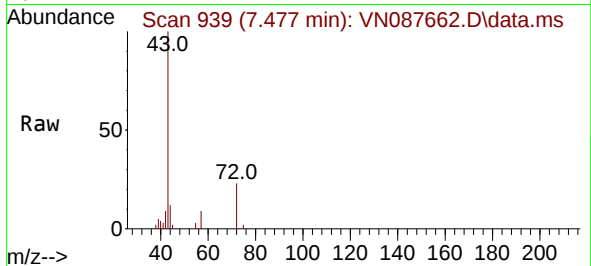




#25
2-Butanone
Concen: 12.953 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087662.D
Acq: 25 Aug 2025 16:46

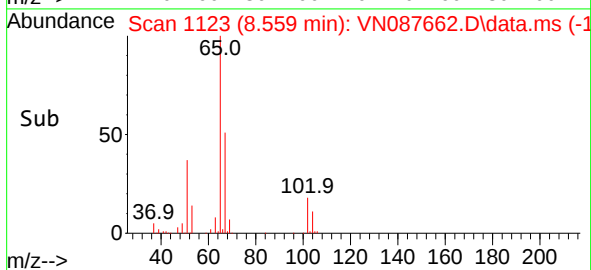
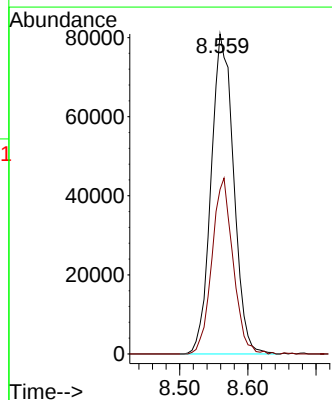
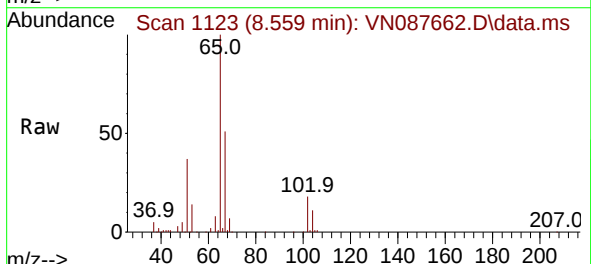
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP(1-2)

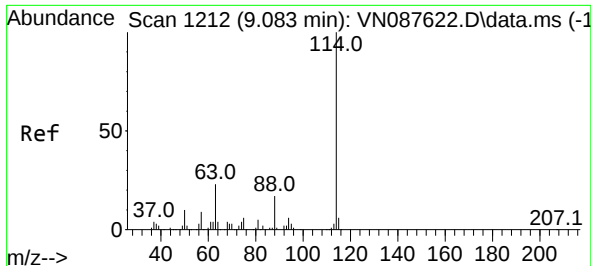
Tgt Ion: 43 Resp: 30979
Ion Ratio Lower Upper
43 100
72 23.2 19.9 29.9



#33
1,2-Dichloroethane-d4
Concen: 55.767 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087662.D
Acq: 25 Aug 2025 16:46

Tgt Ion: 65 Resp: 186225
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087662.D

Acq: 25 Aug 2025 16:46

Instrument :

MSVOA_N

ClientSampleId :

SOIL-COMP(1-2)

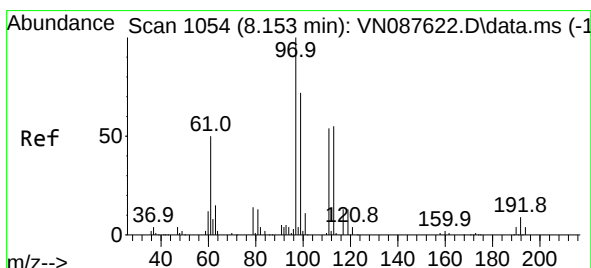
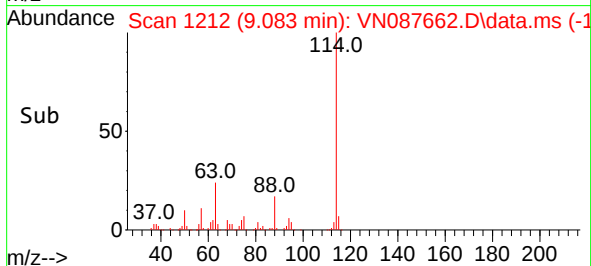
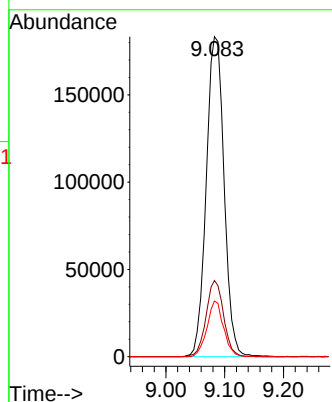
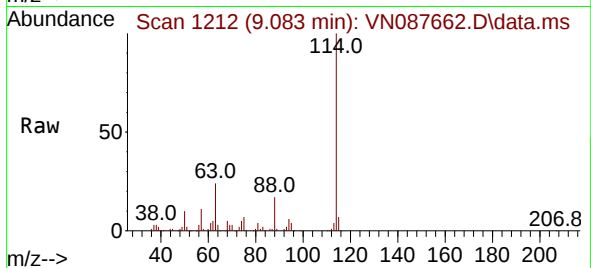
Tgt Ion:114 Resp: 386746

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.2

88 17.4 0.0 33.4



#35

Dibromofluoromethane

Concen: 50.774 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087662.D

Acq: 25 Aug 2025 16:46

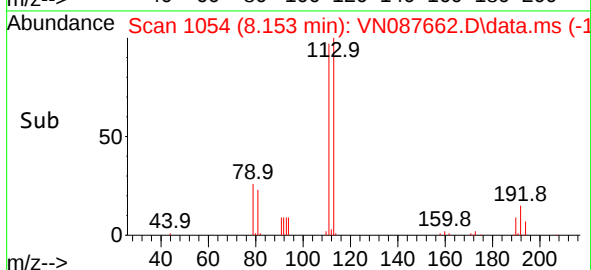
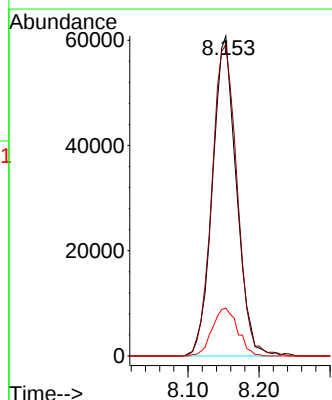
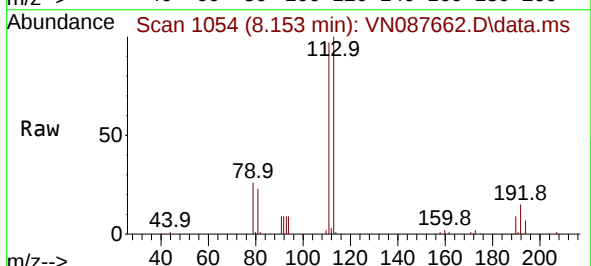
Tgt Ion:113 Resp: 141777

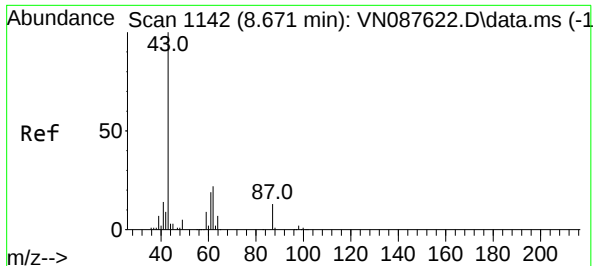
Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 16.0 12.8 19.2

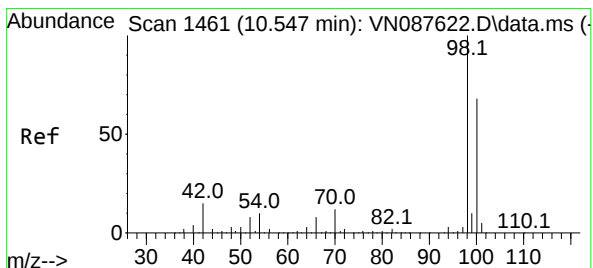
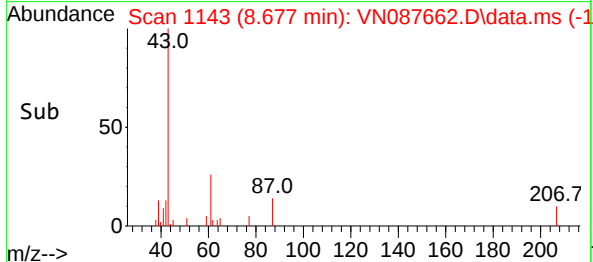
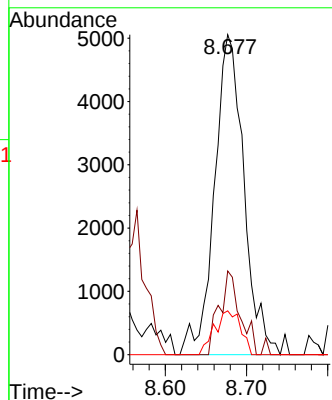
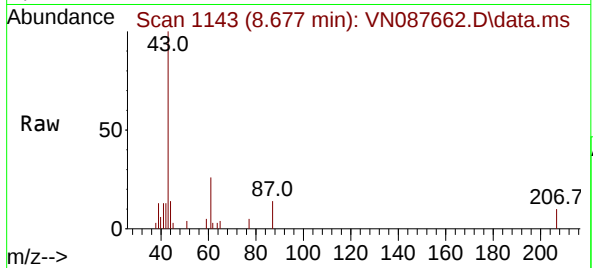




#43
Isopropyl Acetate
Concen: 1.391 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087662.D
Acq: 25 Aug 2025 16:46

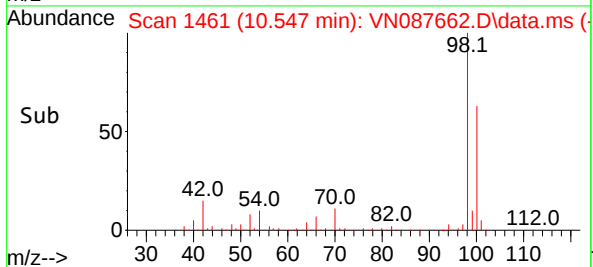
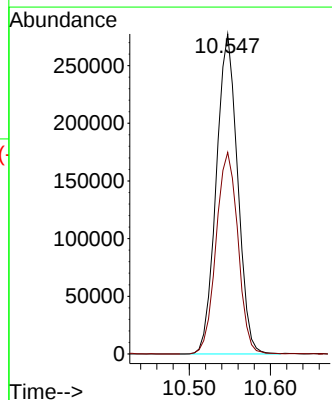
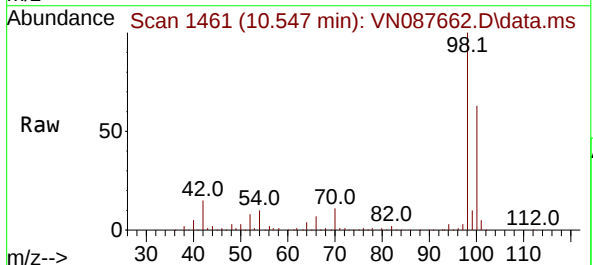
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP(1-2)

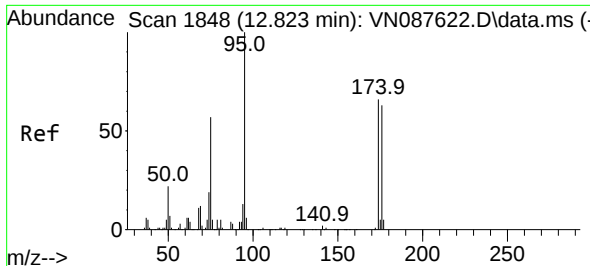
Tgt Ion: 43 Resp: 12714
Ion Ratio Lower Upper
43 100
61 18.6 18.8 28.2#
87 12.2 9.6 14.4



#50
Toluene-d8
Concen: 48.457 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087662.D
Acq: 25 Aug 2025 16:46

Tgt Ion: 98 Resp: 506431
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2

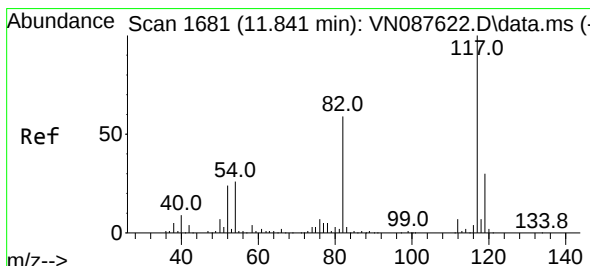
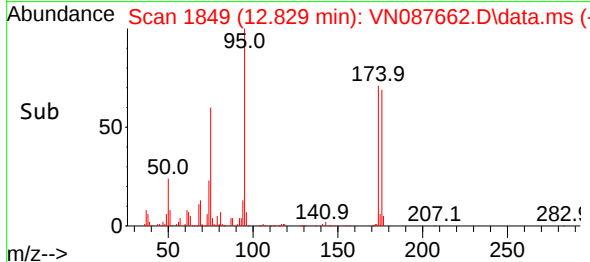
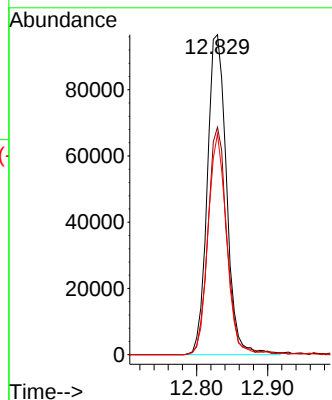
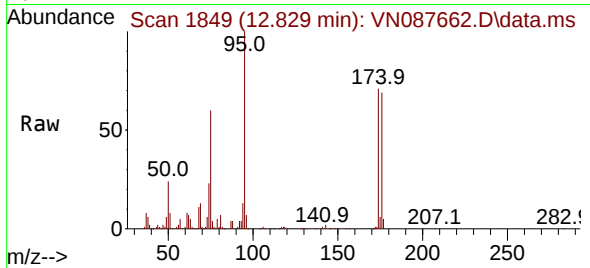




#62
4-Bromofluorobenzene
Concen: 48.871 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087662.D
Acq: 25 Aug 2025 16:46

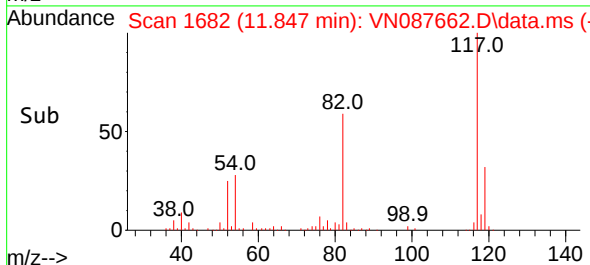
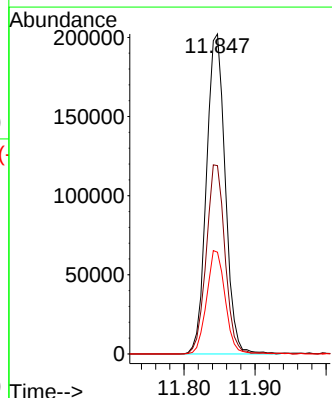
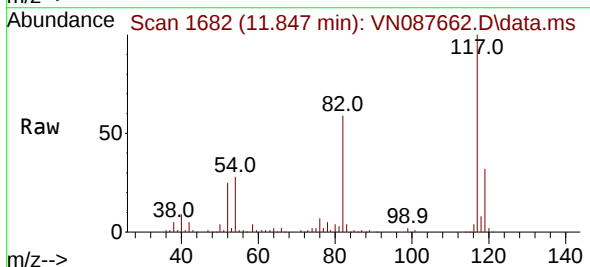
Instrument :
MSVOA_N
ClientSampleId :
SOIL-COMP(1-2)

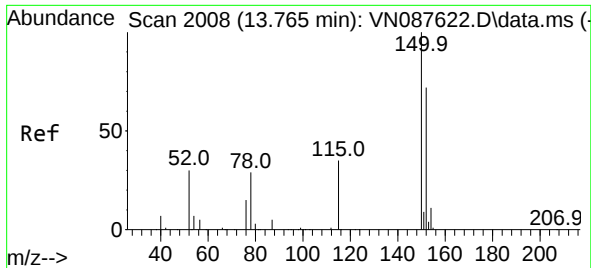
Tgt Ion: 95 Resp: 181641
Ion Ratio Lower Upper
95 100
174 70.0 0.0 138.4
176 67.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087662.D
Acq: 25 Aug 2025 16:46

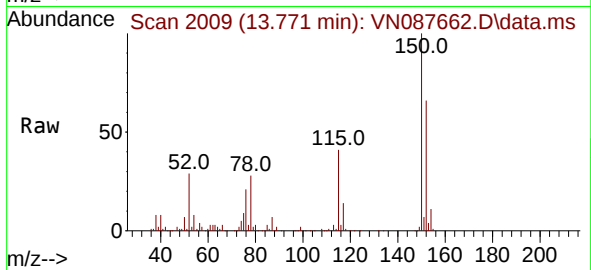
Tgt Ion: 117 Resp: 371850
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.8 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087662.D
 Acq: 25 Aug 2025 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-COMP(1-2)



Tgt Ion:152 Resp: 171642
 Ion Ratio Lower Upper
 152 100
 115 66.0 32.3 96.8
 150 159.4 0.0 351.0

