

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088504.D
 Acq On : 10 Dec 2025 16:31
 Operator : JC\MD
 Sample : Q3814-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: Dec 11 02:11:12 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)

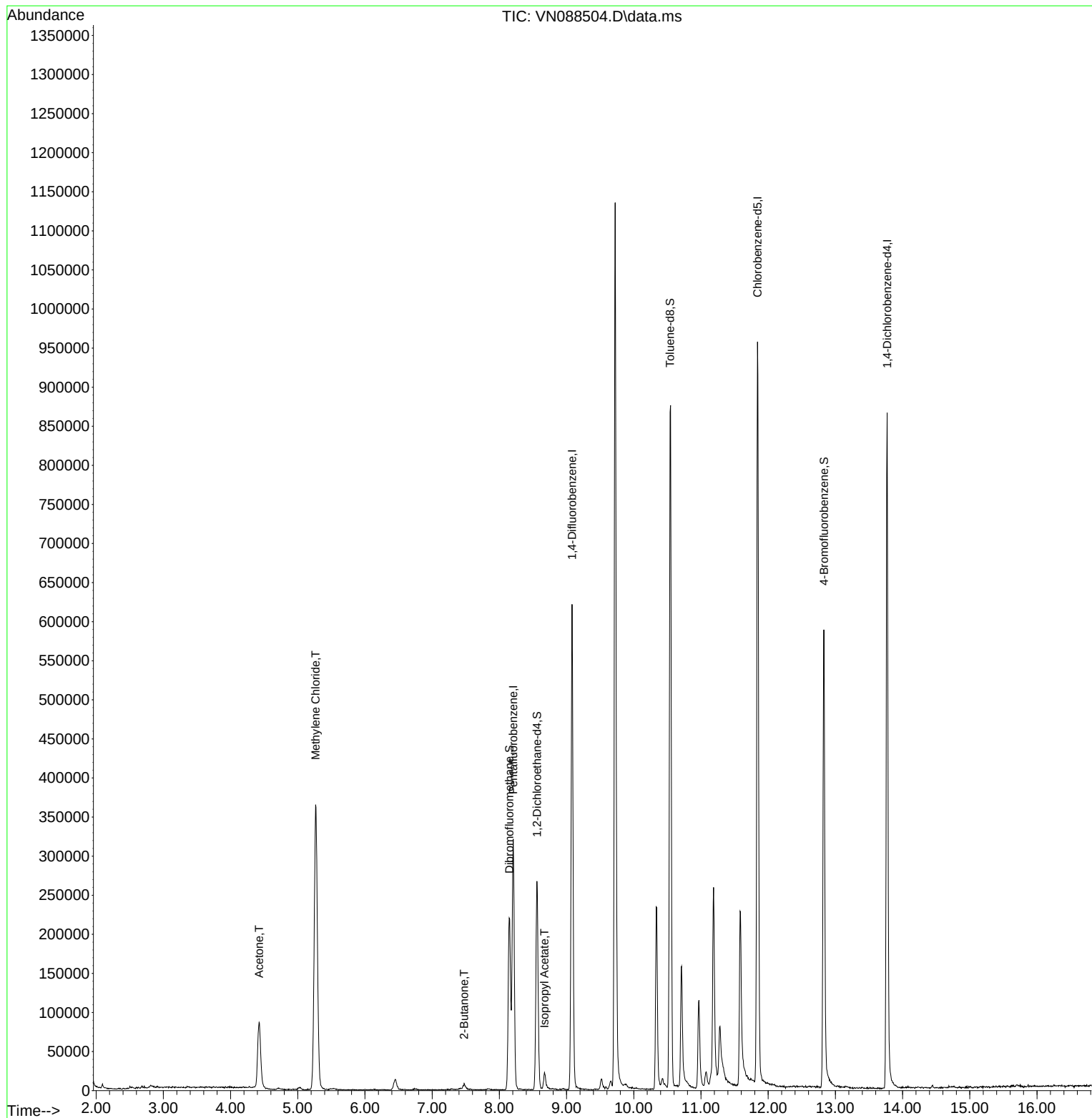
Internal Standards						
1) Pentafluorobenzene	8.206	168	203558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	469679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	510731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	227590	59.351	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.700%			
35) Dibromofluoromethane	8.147	113	163969	50.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.760%			
50) Toluene-d8	10.541	98	586159	48.401	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.800%			
62) 4-Bromofluorobenzene	12.829	95	215662	51.900	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.800%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	175716	126.706	ug/l	93
20) Methylene Chloride	5.265	84	278083	93.723	ug/l	98
25) 2-Butanone	7.477	43	13337	5.982	ug/l #	89
43) Isopropyl Acetate	8.671	43	26801	2.656	ug/l #	90

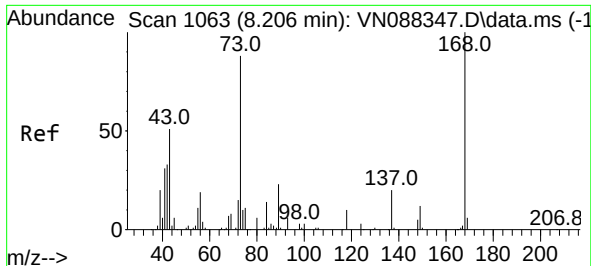
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
Data File : VN088504.D
Acq On : 10 Dec 2025 16:31
Operator : JC\MD
Sample : Q3814-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-10

Quant Time: Dec 11 02:11:12 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

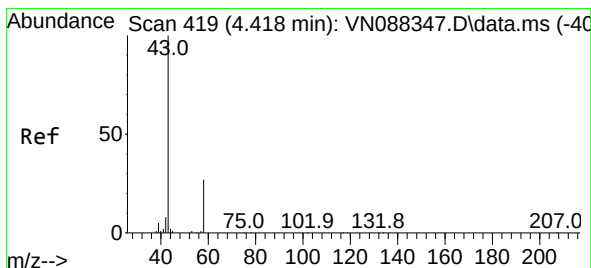
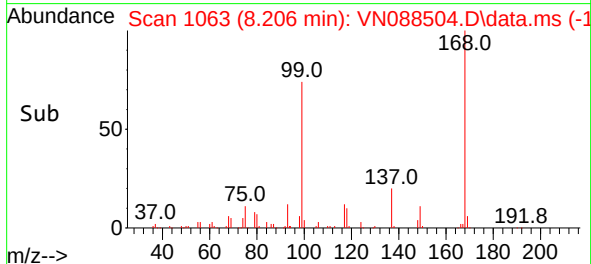
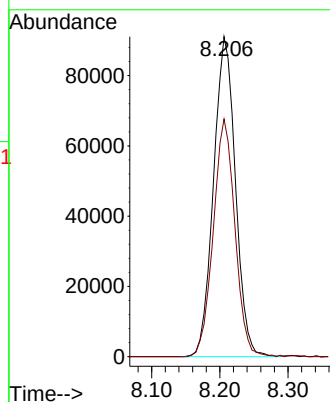
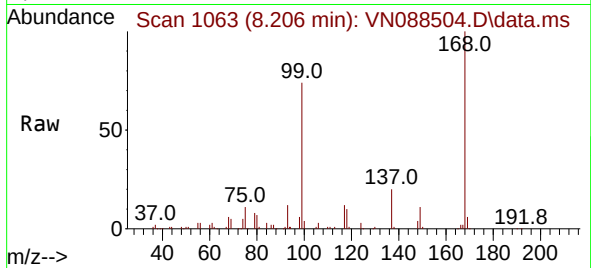




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088504.D
Acq: 10 Dec 2025 16:31

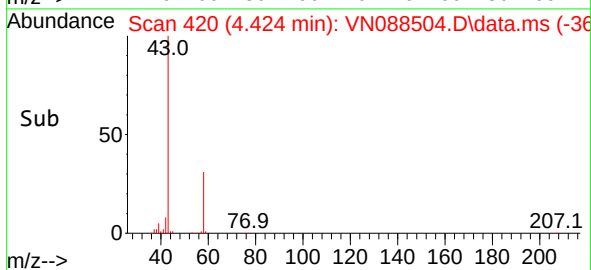
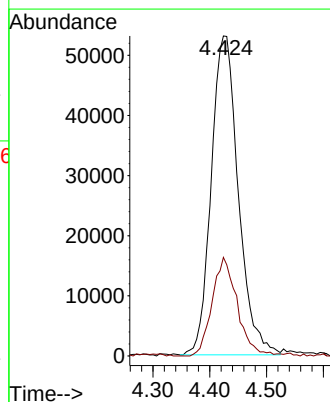
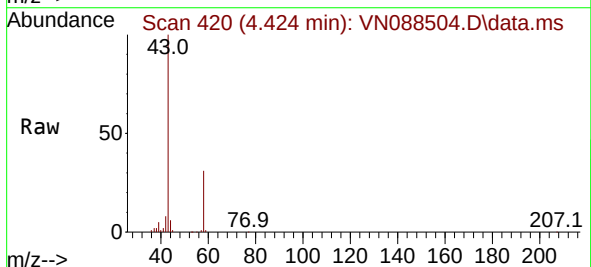
Instrument :
MSVOA_N
ClientSampleId :
TP-10

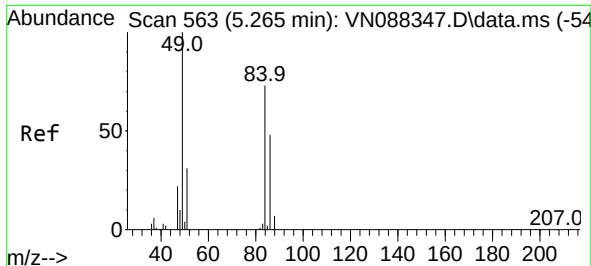
Tgt Ion:168 Resp: 203558
Ion Ratio Lower Upper
168 100
99 74.2 57.1 85.7



#16
Acetone
Concen: 126.706 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088504.D
Acq: 10 Dec 2025 16:31

Tgt Ion: 43 Resp: 175716
Ion Ratio Lower Upper
43 100
58 30.9 21.7 32.5

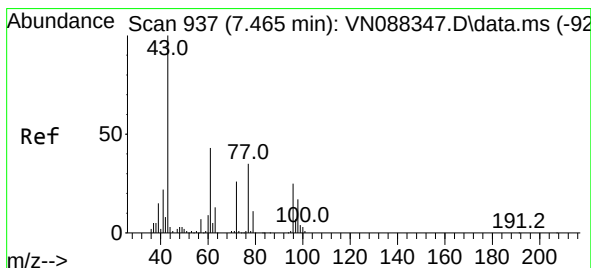
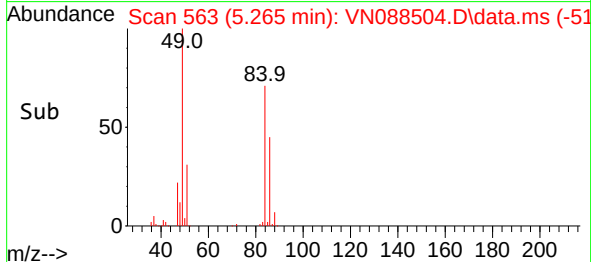
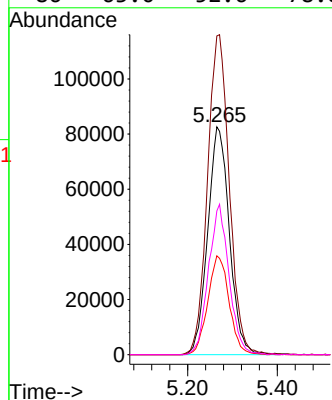
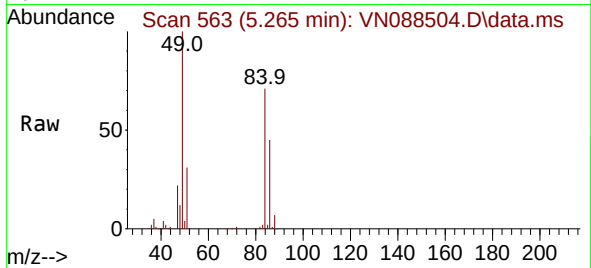




#20
Methylene Chloride
Concen: 93.723 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088504.D
Acq: 10 Dec 2025 16:31

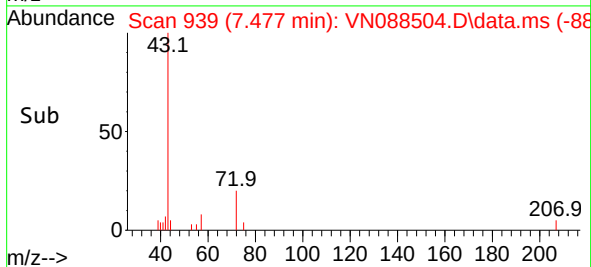
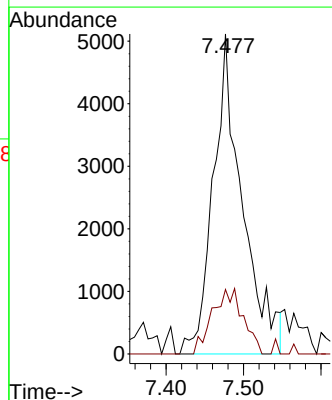
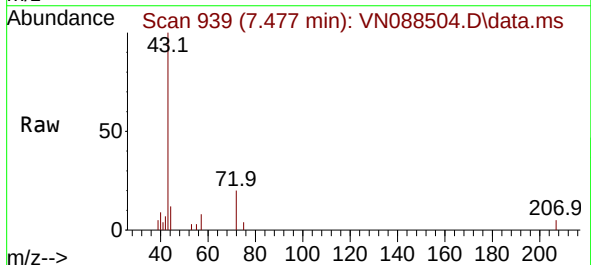
Instrument :
MSVOA_N
ClientSampleId :
TP-10

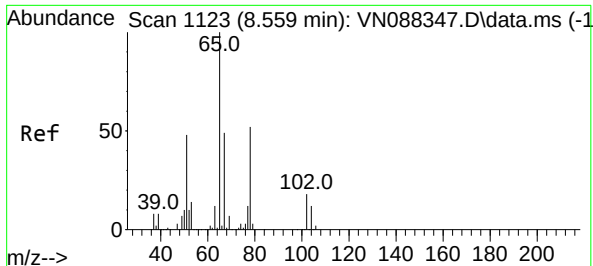
Tgt Ion: 84 Resp: 278083
Ion Ratio Lower Upper
84 100
49 139.9 110.2 165.2
51 43.4 34.1 51.1
86 63.0 52.6 78.8



#25
2-Butanone
Concen: 5.982 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088504.D
Acq: 10 Dec 2025 16:31

Tgt Ion: 43 Resp: 13337
Ion Ratio Lower Upper
43 100
72 20.2 20.5 30.7#

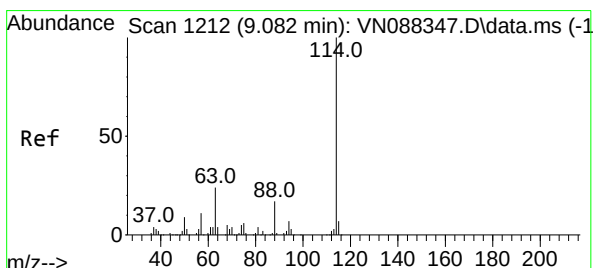
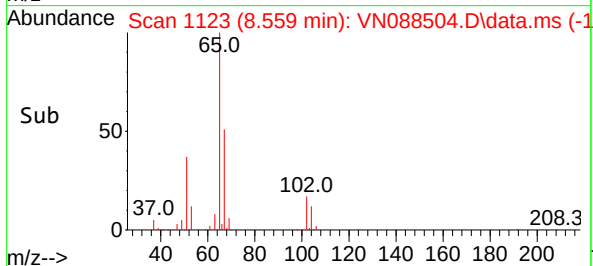
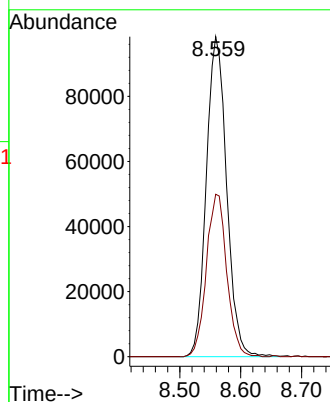
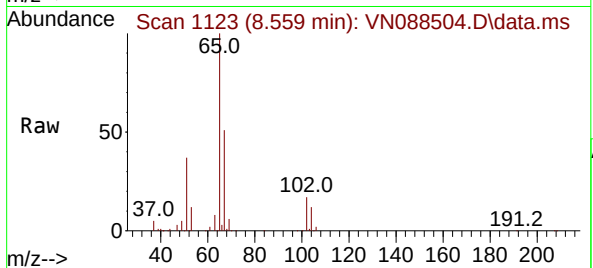




#33
 1,2-Dichloroethane-d4
 Concen: 59.351 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: VN088504.D
 Acq: 10 Dec 2025 16:31

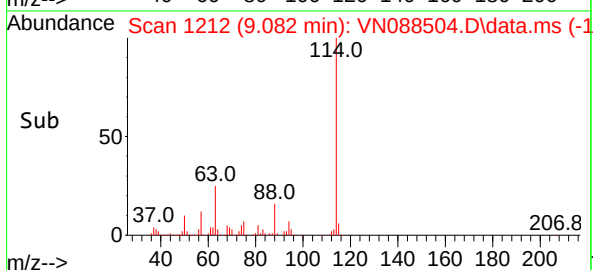
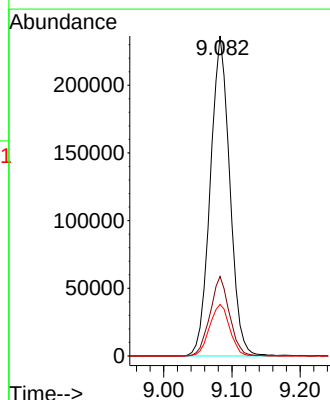
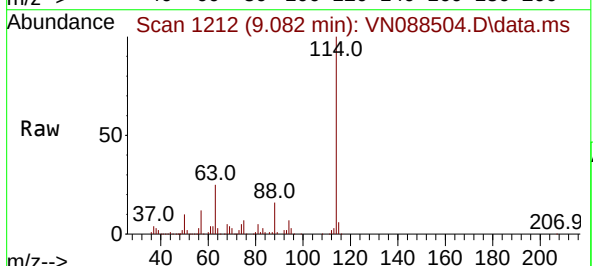
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

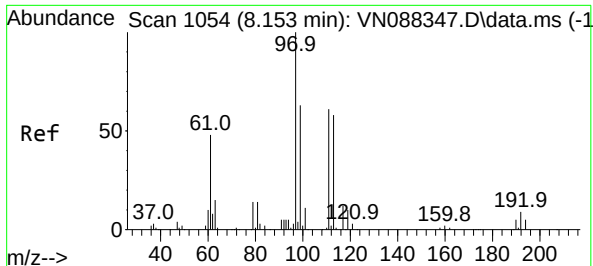
Tgt Ion: 65 Resp: 227590
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088504.D
 Acq: 10 Dec 2025 16:31

Tgt Ion: 114 Resp: 469679
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.0
 88 16.1 0.0 34.0

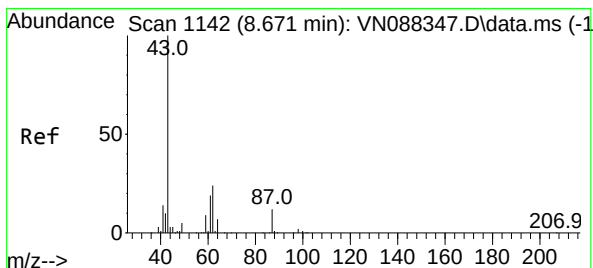
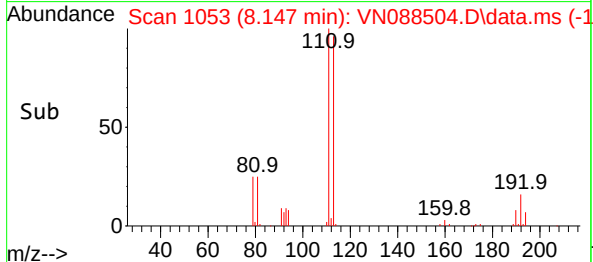
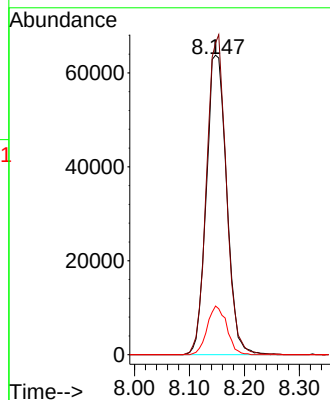
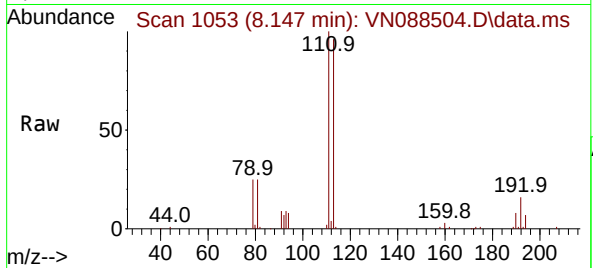




#35
Dibromofluoromethane
Concen: 50.377 ug/l
RT: 8.147 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN088504.D
Acq: 10 Dec 2025 16:31

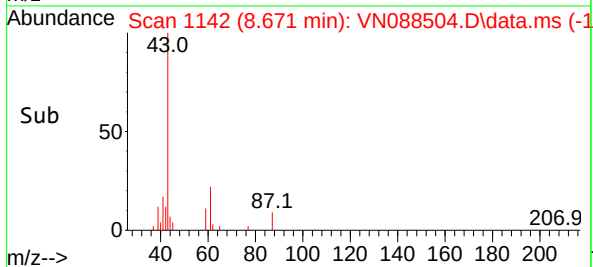
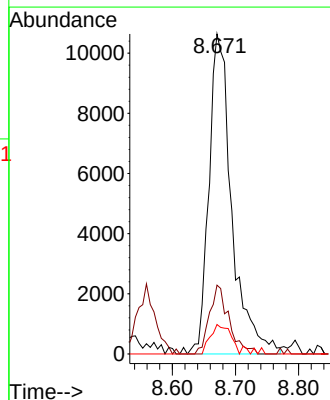
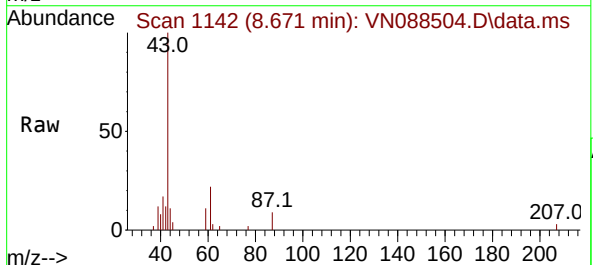
Instrument :
MSVOA_N
ClientSampleId :
TP-10

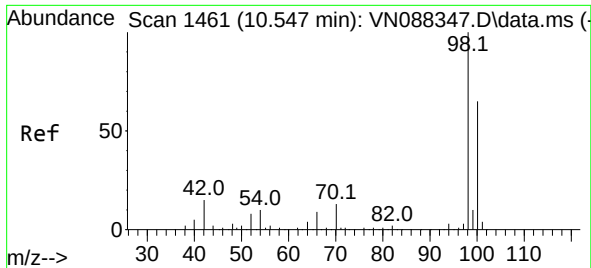
Tgt Ion:113 Resp: 163969
Ion Ratio Lower Upper
113 100
111 103.2 82.5 123.7
192 15.6 12.8 19.2



#43
Isopropyl Acetate
Concen: 2.656 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088504.D
Acq: 10 Dec 2025 16:31

Tgt Ion: 43 Resp: 26801
Ion Ratio Lower Upper
43 100
61 18.4 18.7 28.1#
87 8.0 9.1 13.7#

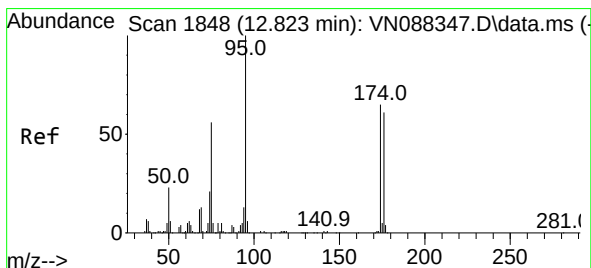
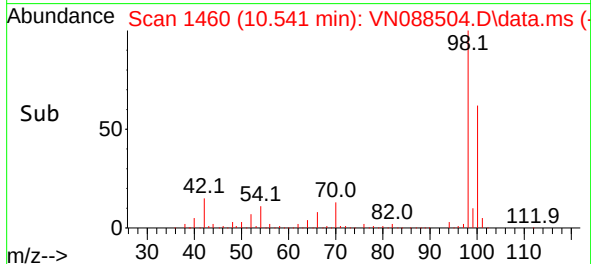
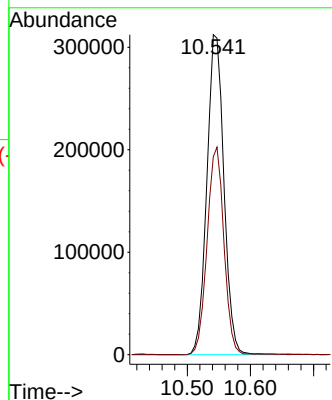
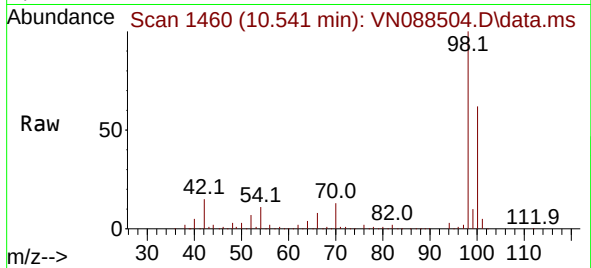




#50
Toluene-d8
Concen: 48.401 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088504.D
Acq: 10 Dec 2025 16:31

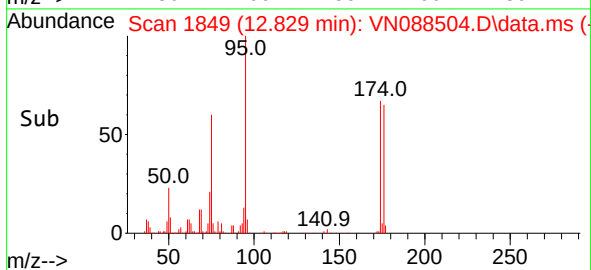
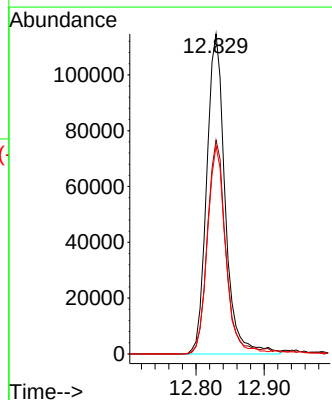
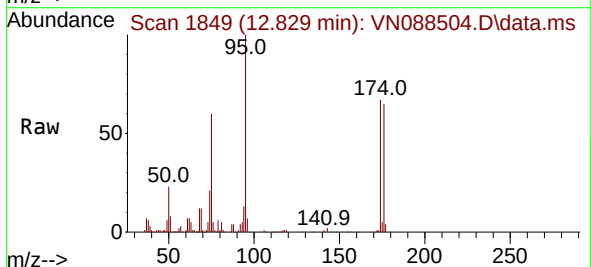
Instrument :
MSVOA_N
ClientSampleId :
TP-10

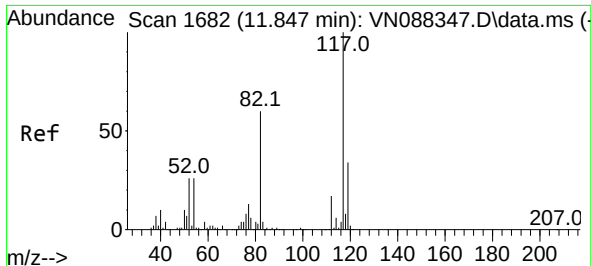
Tgt Ion: 98 Resp: 586159
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.900 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088504.D
Acq: 10 Dec 2025 16:31

Tgt Ion: 95 Resp: 215662
Ion Ratio Lower Upper
95 100
174 67.4 0.0 139.0
176 64.5 0.0 132.4

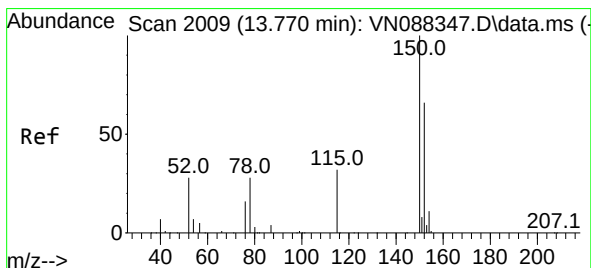
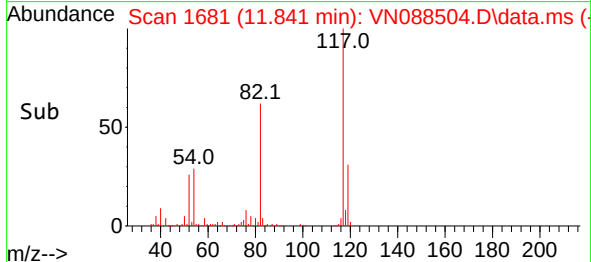
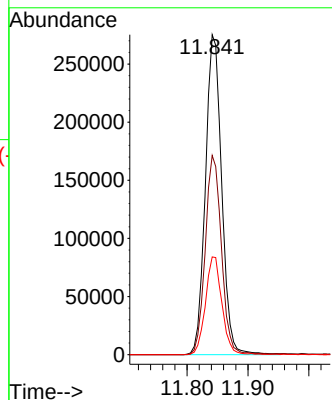
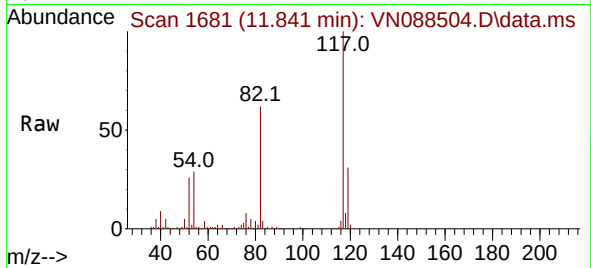




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN088504.D
Acq: 10 Dec 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
TP-10

Tgt Ion:117 Resp: 510731
Ion Ratio Lower Upper
117 100
82 62.3 47.8 71.8
119 30.5 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088504.D
Acq: 10 Dec 2025 16:31

Tgt Ion:152 Resp: 226357
Ion Ratio Lower Upper
152 100
115 64.7 33.0 98.9
150 154.3 0.0 349.0

