

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087549.D
 Acq On : 13 Aug 2025 20:24
 Operator : JC\MD
 Sample : Q2838-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: Aug 14 04:08:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

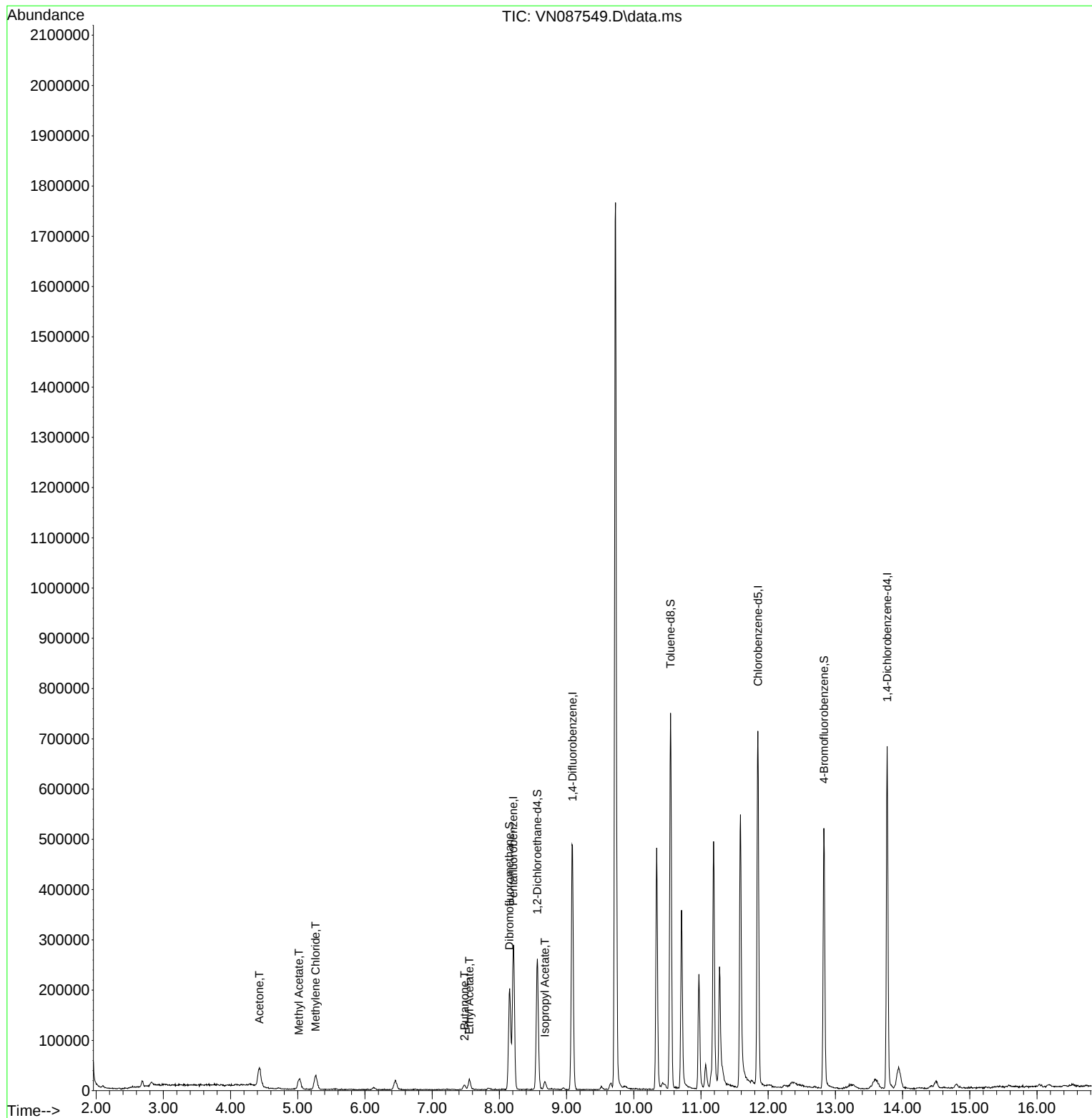
Internal Standards						
1) Pentafluorobenzene	8.206	168	192055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	400540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	367362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	165090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	214880	65.939	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 131.880%#		
35) Dibromofluoromethane	8.147	113	140276	50.771	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.540%		
50) Toluene-d8	10.547	98	493980	50.121	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.240%		
62) 4-Bromofluorobenzene	12.829	95	181798	49.928	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.860%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	72761	47.620	ug/l	91
18) Methyl Acetate	5.018	43	48819	12.717	ug/l	99
20) Methylene Chloride	5.265	84	20531	7.403	ug/l #	92
25) 2-Butanone	7.483	43	14369	6.086	ug/l	93
37) Ethyl Acetate	7.553	43	30518	5.789	ug/l	99
43) Isopropyl Acetate	8.677	43	19152	2.340	ug/l #	82

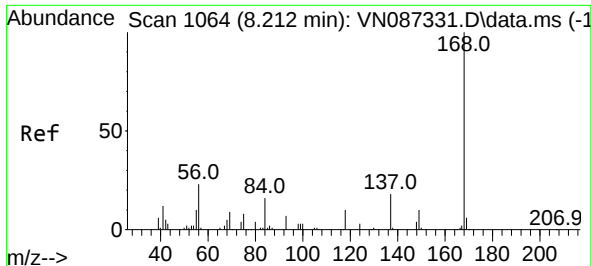
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087549.D
Acq On : 13 Aug 2025 20:24
Operator : JC\MD
Sample : Q2838-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-10

Quant Time: Aug 14 04:08:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

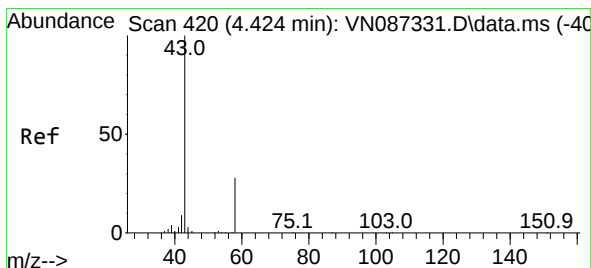
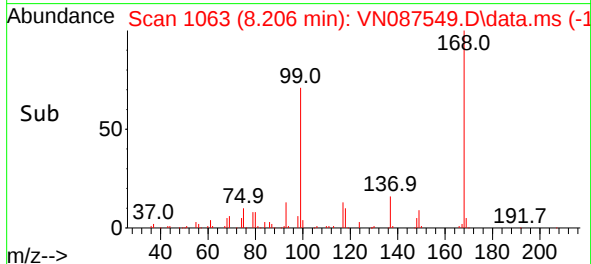
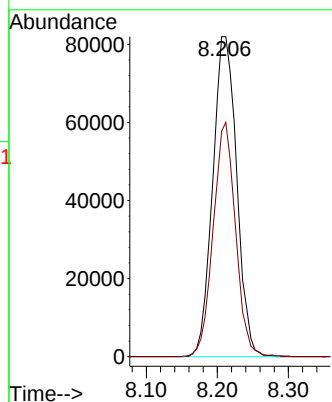
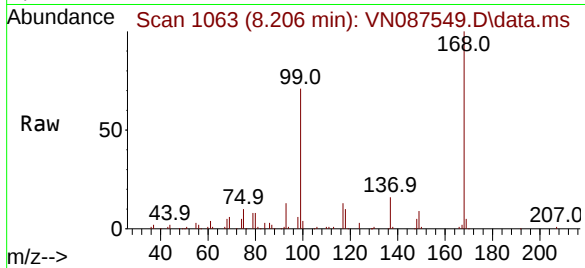




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087549.D
Acq: 13 Aug 2025 20:24

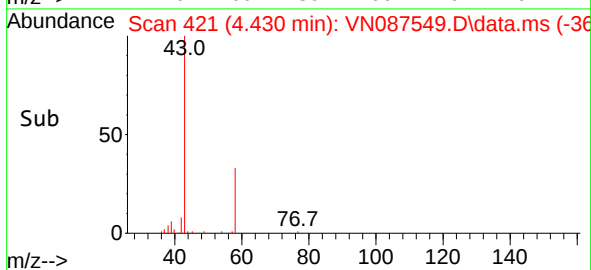
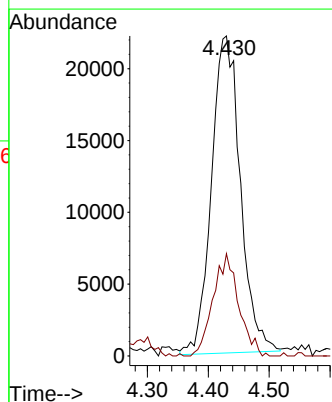
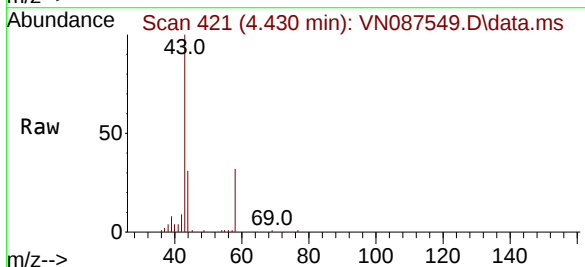
Instrument :
MSVOA_N
ClientSampleId :
TP-10

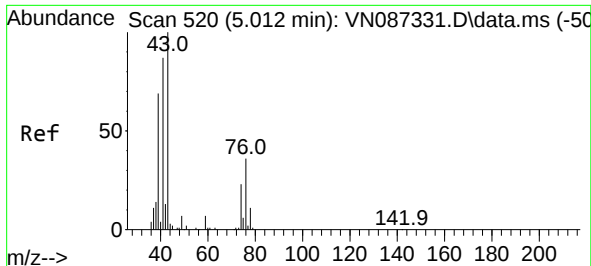
Tgt Ion:168 Resp: 192055
Ion Ratio Lower Upper
168 100
99 70.5 47.9 71.9



#16
Acetone
Concen: 47.620 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087549.D
Acq: 13 Aug 2025 20:24

Tgt Ion: 43 Resp: 72761
Ion Ratio Lower Upper
43 100
58 32.5 22.3 33.5

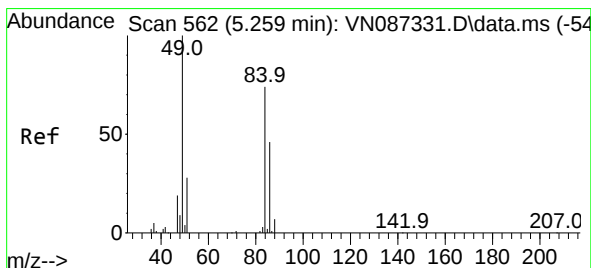
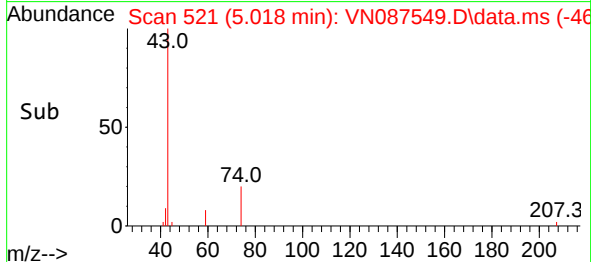
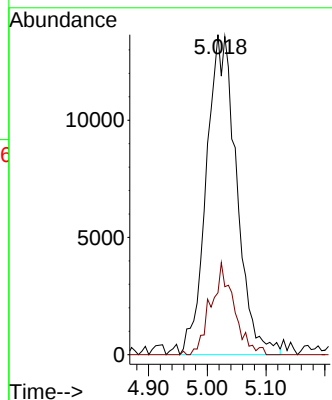
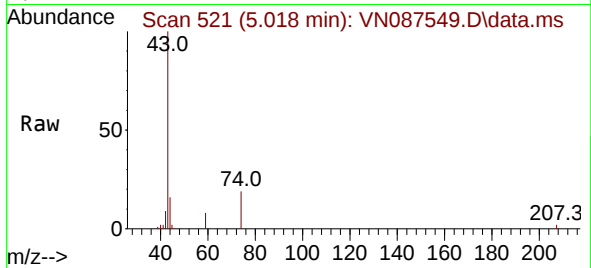




#18
Methyl Acetate
Concen: 12.717 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087549.D
Acq: 13 Aug 2025 20:24

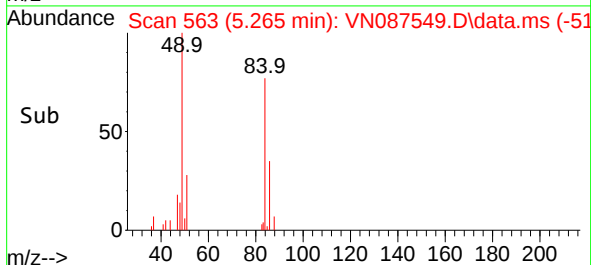
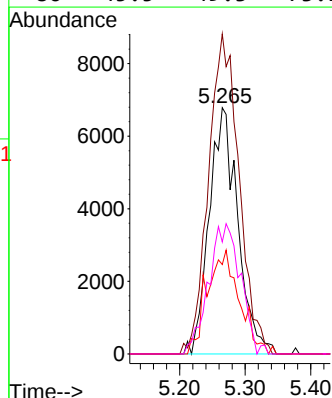
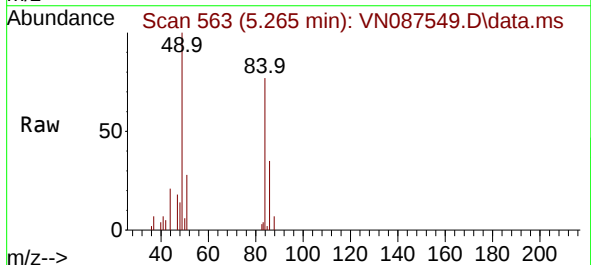
Instrument :
MSVOA_N
ClientSampleId :
TP-10

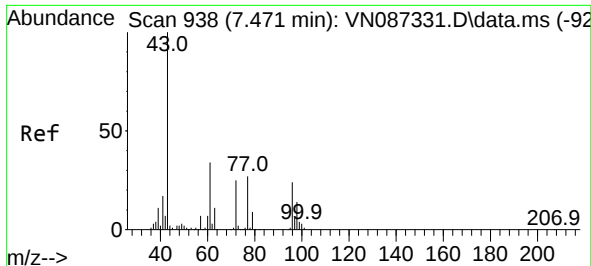
Tgt Ion: 43 Resp: 48819
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.6



#20
Methylene Chloride
Concen: 7.403 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087549.D
Acq: 13 Aug 2025 20:24

Tgt Ion: 84 Resp: 20531
Ion Ratio Lower Upper
84 100
49 129.9 107.5 161.3
51 36.3 30.2 45.2
86 45.5 49.3 73.9#

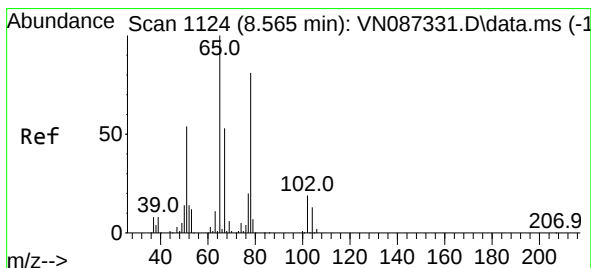
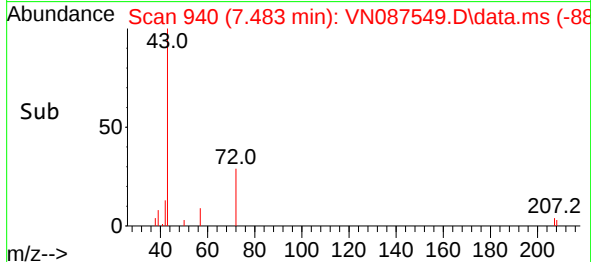
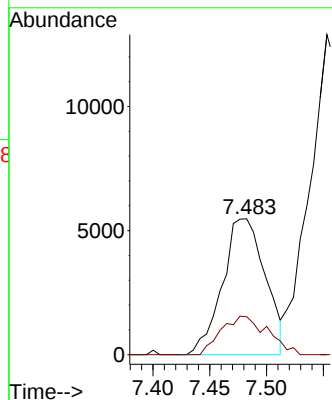
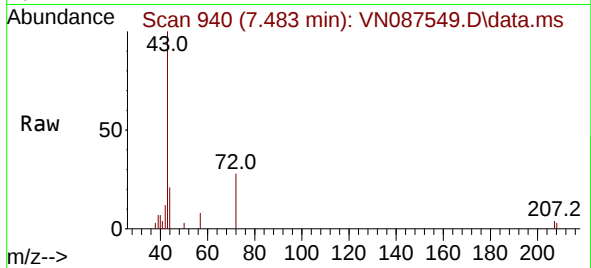




#25
2-Butanone
Concen: 6.086 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087549.D
Acq: 13 Aug 2025 20:24

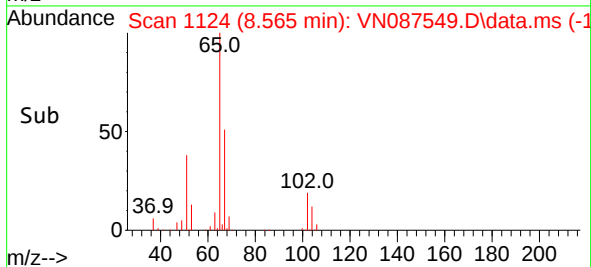
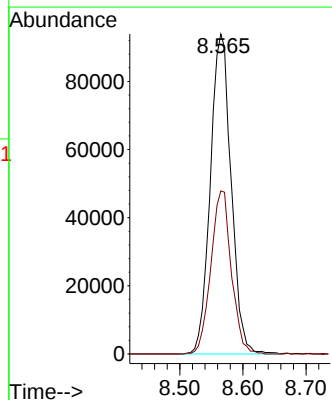
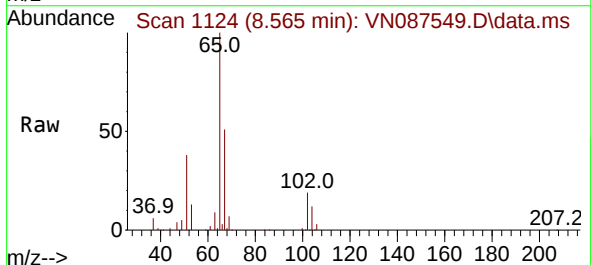
Instrument :
MSVOA_N
ClientSampleId :
TP-10

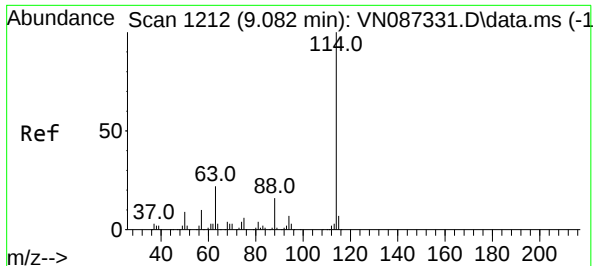
Tgt Ion: 43 Resp: 14369
Ion Ratio Lower Upper
43 100
72 27.9 19.6 29.4



#33
1,2-Dichloroethane-d4
Concen: 65.939 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087549.D
Acq: 13 Aug 2025 20:24

Tgt Ion: 65 Resp: 214880
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN087549.D

Acq: 13 Aug 2025 20:24

Instrument :

MSVOA_N

ClientSampleId :

TP-10

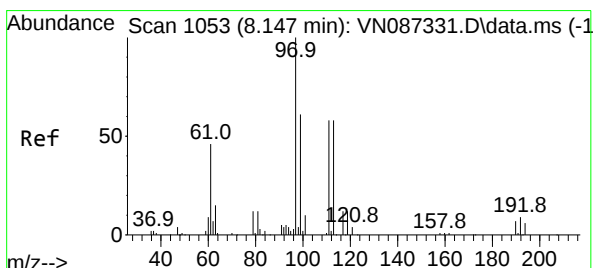
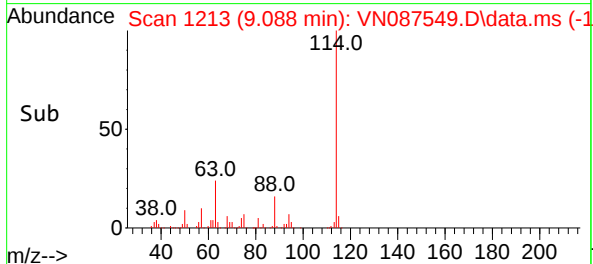
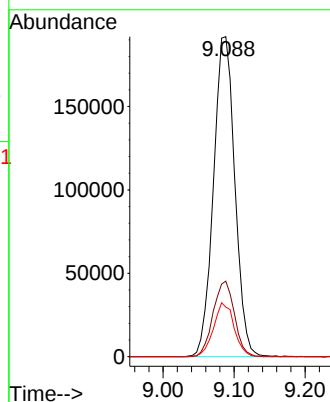
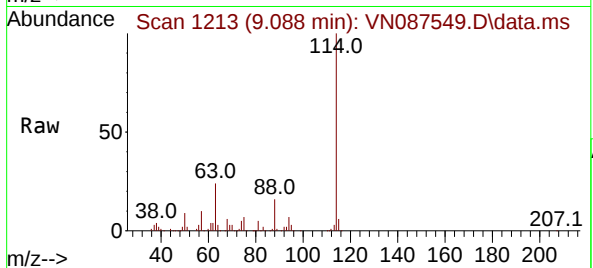
Tgt Ion:114 Resp: 400540

Ion Ratio Lower Upper

114 100

63 23.6 0.0 44.6

88 15.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.771 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087549.D

Acq: 13 Aug 2025 20:24

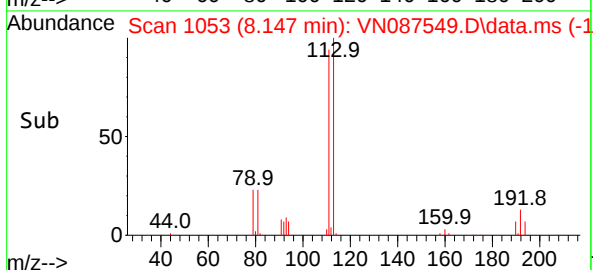
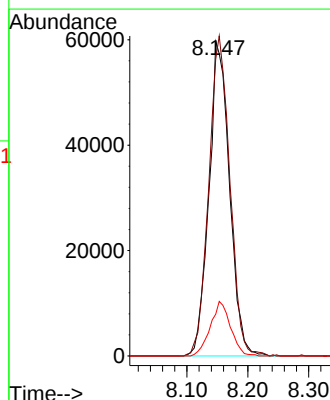
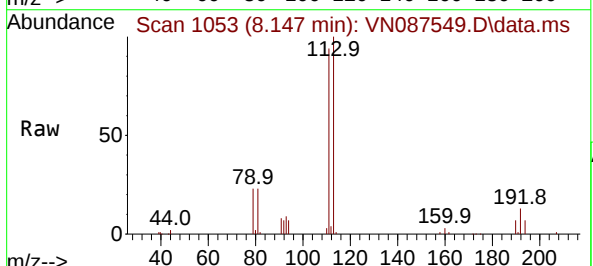
Tgt Ion:113 Resp: 140276

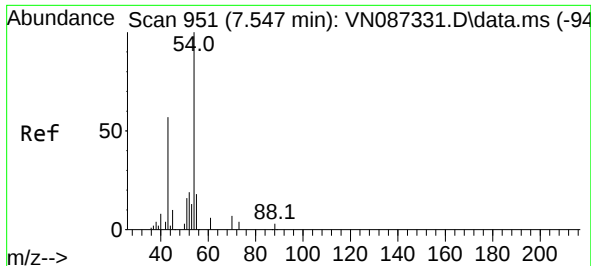
Ion Ratio Lower Upper

113 100

111 104.0 82.5 123.7

192 17.0 13.7 20.5





#37

Ethyl Acetate

Concen: 5.789 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087549.D

Acq: 13 Aug 2025 20:24

Instrument :

MSVOA_N

ClientSampleId :

TP-10

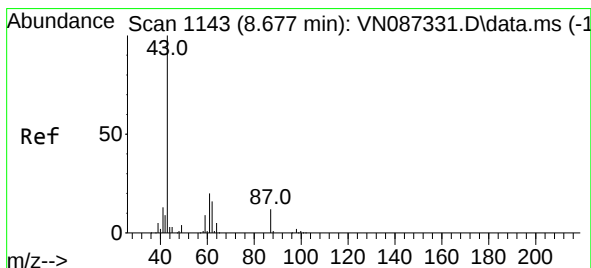
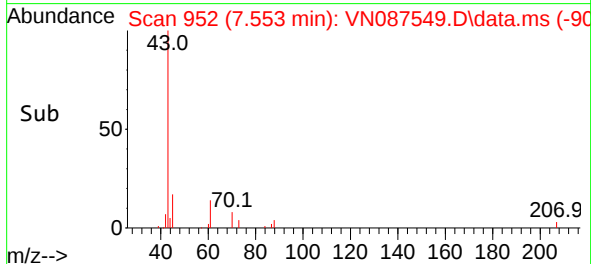
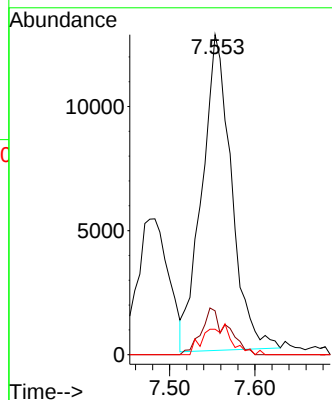
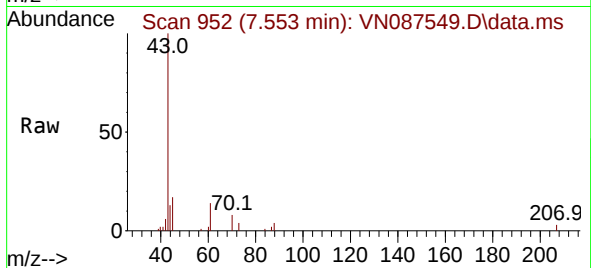
Tgt Ion: 43 Resp: 30518

Ion Ratio Lower Upper

43 100

61 13.2 10.9 16.3

70 9.1 7.4 11.0



#43

Isopropyl Acetate

Concen: 2.340 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN087549.D

Acq: 13 Aug 2025 20:24

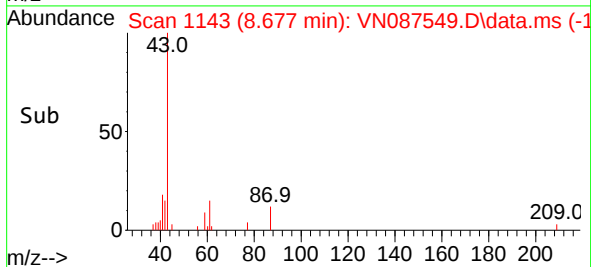
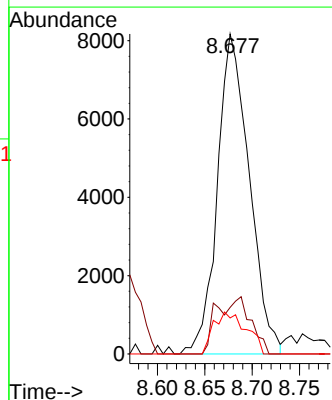
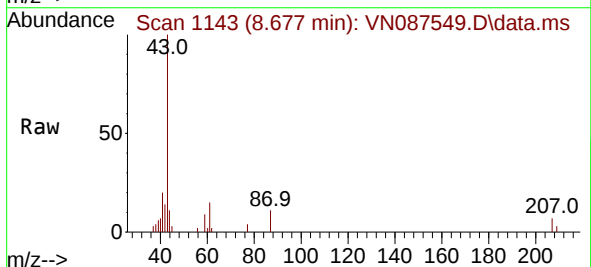
Tgt Ion: 43 Resp: 19152

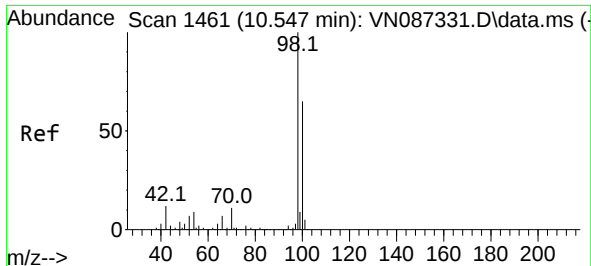
Ion Ratio Lower Upper

43 100

61 12.1 19.8 29.8#

87 13.3 9.8 14.6

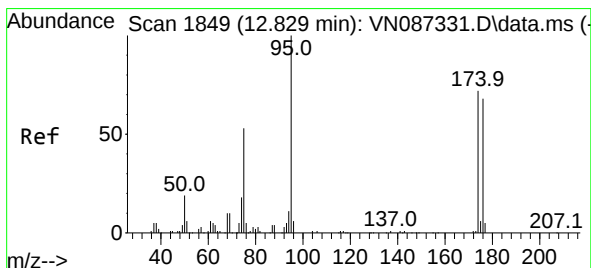
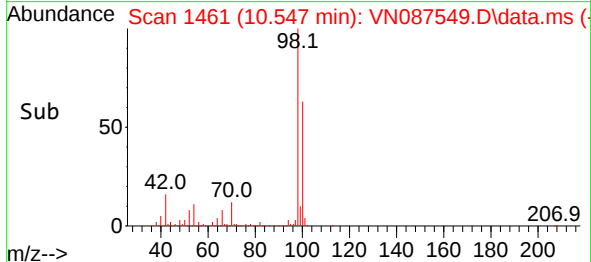
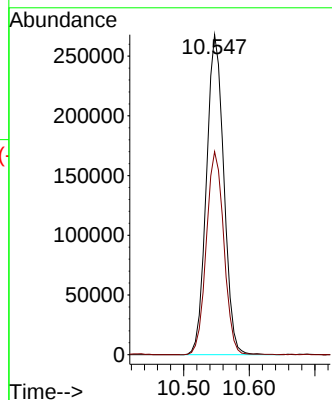
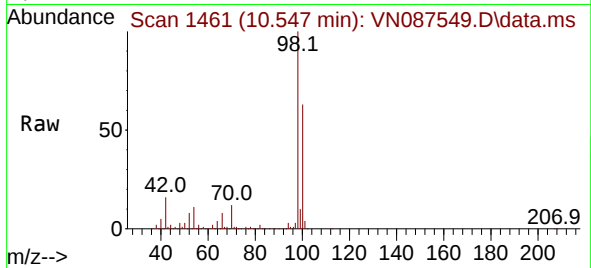




#50
Toluene-d8
Concen: 50.121 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087549.D
Acq: 13 Aug 2025 20:24

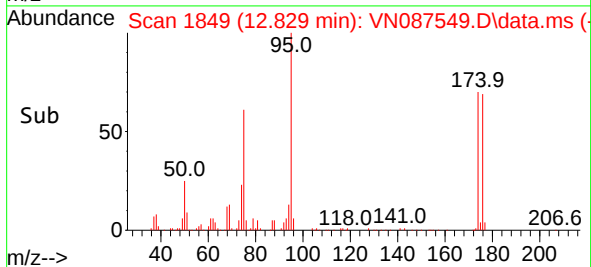
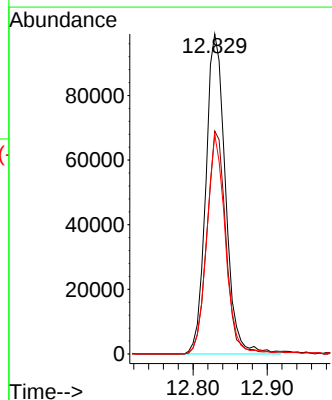
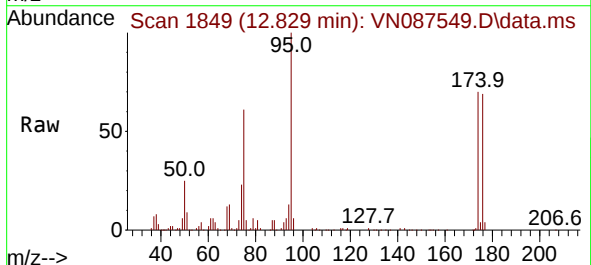
Instrument :
MSVOA_N
ClientSampleId :
TP-10

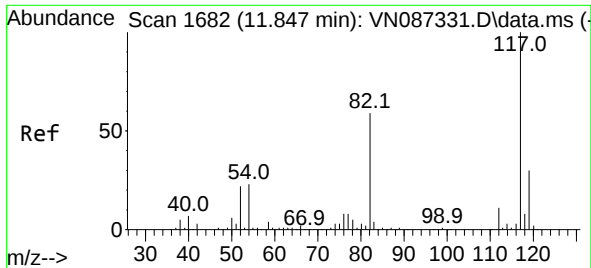
Tgt Ion: 98 Resp: 493980
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.928 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087549.D
Acq: 13 Aug 2025 20:24

Tgt Ion: 95 Resp: 181798
Ion Ratio Lower Upper
95 100
174 67.4 0.0 149.4
176 65.2 0.0 141.2

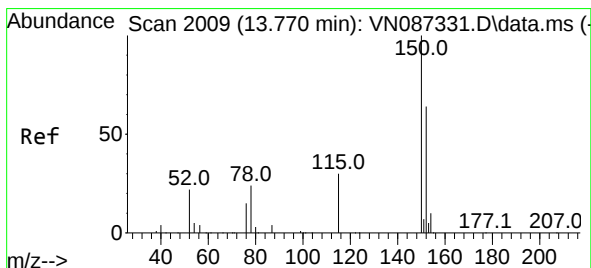
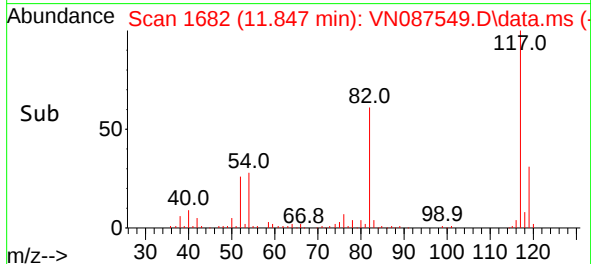
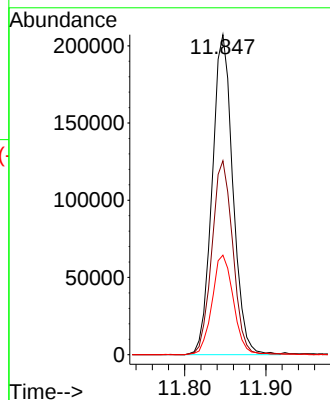
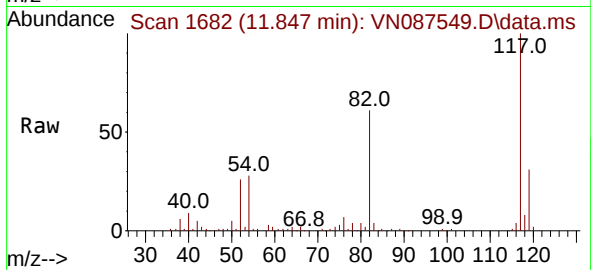




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087549.D
Acq: 13 Aug 2025 20:24

Instrument :
MSVOA_N
ClientSampleId :
TP-10

Tgt Ion:117 Resp: 367362
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 31.1 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087549.D
Acq: 13 Aug 2025 20:24

Tgt Ion:152 Resp: 165090
Ion Ratio Lower Upper
152 100
115 66.4 31.1 93.5
150 161.5 0.0 349.0

