

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087375.D
 Acq On : 21 Jul 2025 13:34
 Operator : JC\MD
 Sample : PB168920TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168920TB

Quant Time: Jul 22 03:07:07 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)

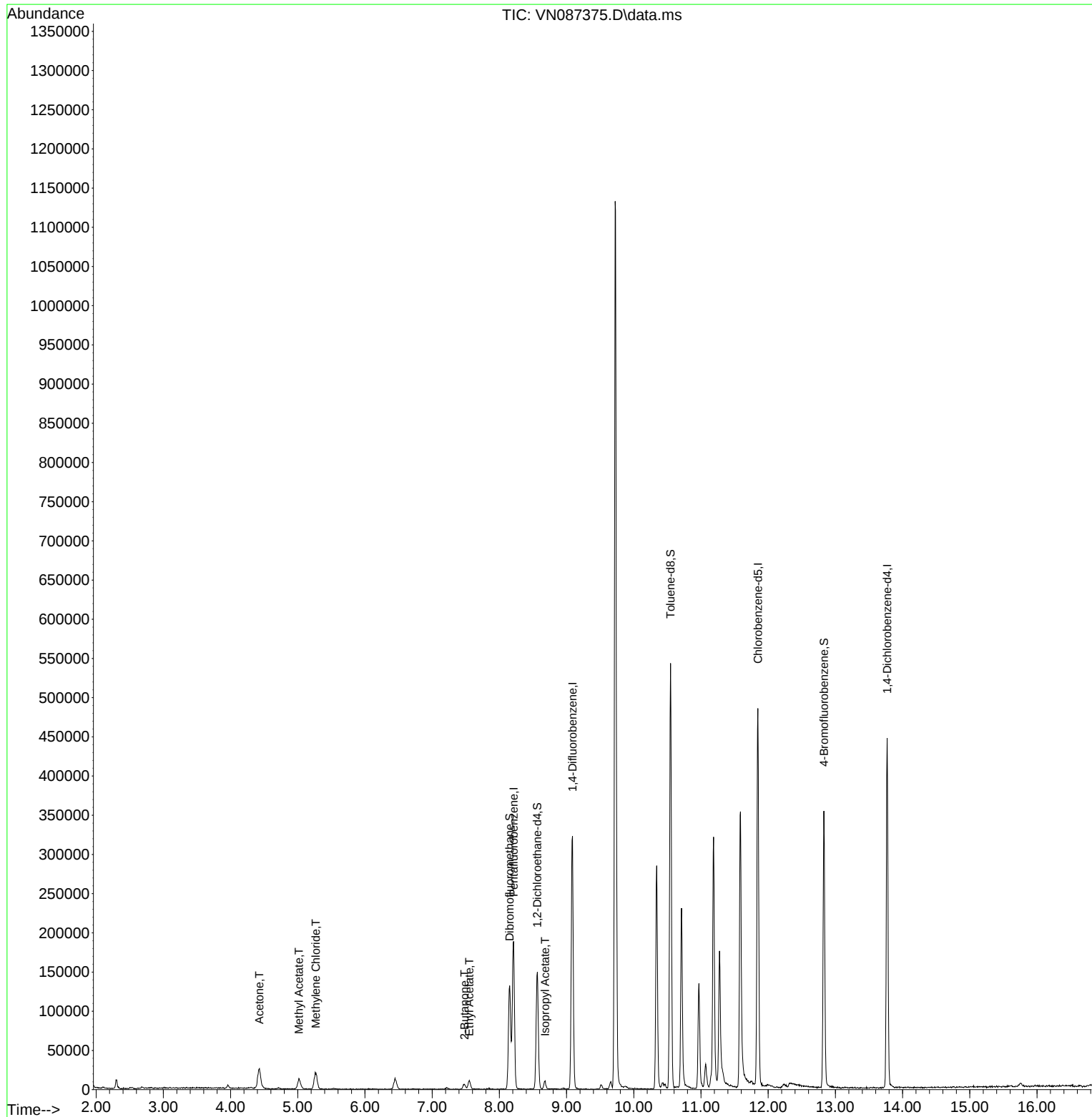
Internal Standards						
1) Pentafluorobenzene	8.212	168	137101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	274148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	269324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	120973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	126429	54.347	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 108.700%		
35) Dibromofluoromethane	8.153	113	96632	51.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 102.200%		
50) Toluene-d8	10.547	98	359201	53.249	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 106.500%		
62) 4-Bromofluorobenzene	12.829	95	122497	49.152	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 98.300%		
Target Compounds						Qvalue
16) Acetone	4.430	43	50069	45.904	ug/l	95
18) Methyl Acetate	5.018	43	26480	9.663	ug/l	100
20) Methylene Chloride	5.271	84	16298	8.305	ug/l #	80
25) 2-Butanone	7.482	43	11891	7.056	ug/l	99
37) Ethyl Acetate	7.553	43	16896	4.682	ug/l #	96
43) Isopropyl Acetate	8.682	43	11476	2.049	ug/l	95

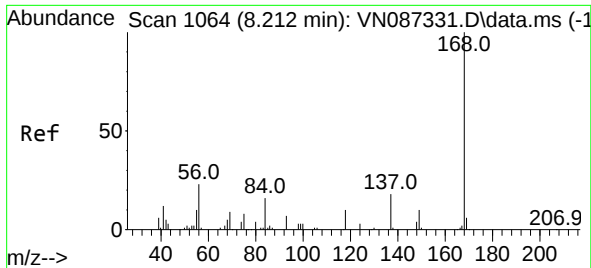
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087375.D
Acq On : 21 Jul 2025 13:34
Operator : JC\MD
Sample : PB168920TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168920TB

Quant Time: Jul 22 03:07:07 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

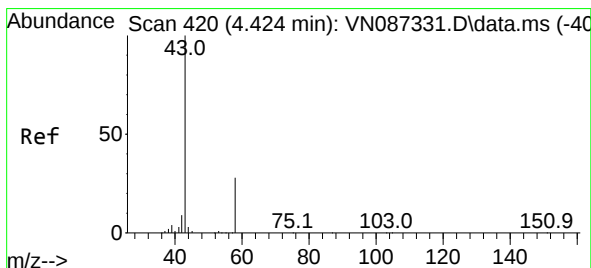
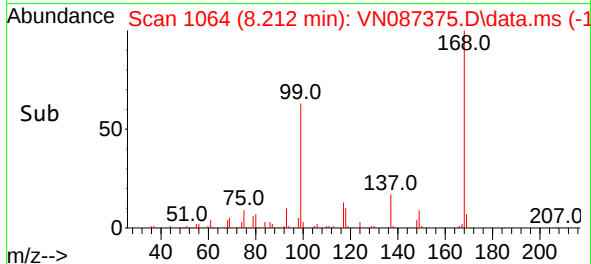
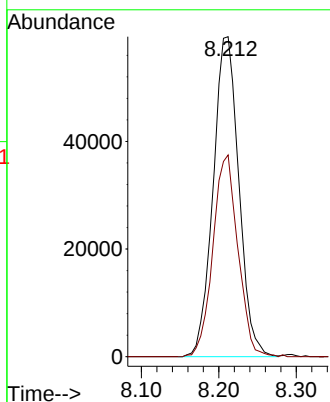
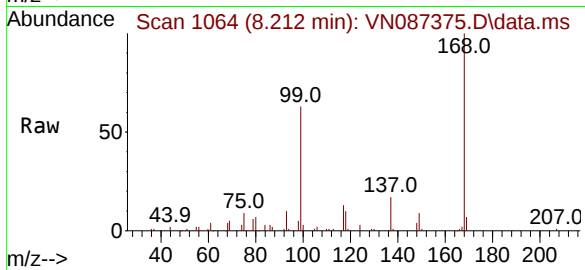




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087375.D
Acq: 21 Jul 2025 13:34

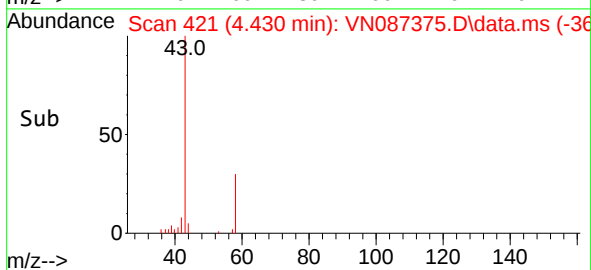
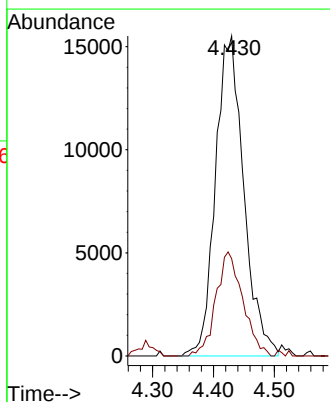
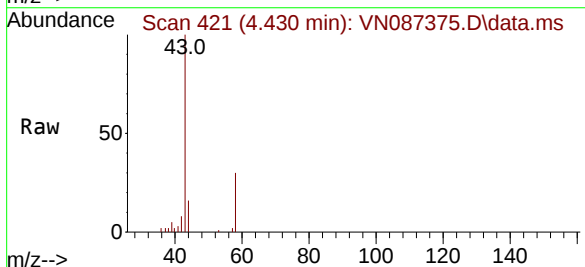
Instrument :
MSVOA_N
ClientSampleId :
PB168920TB

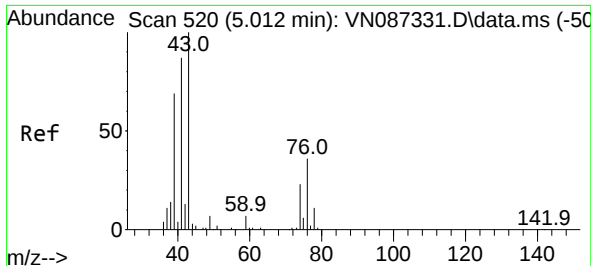
Tgt Ion:168 Resp: 137101
Ion Ratio Lower Upper
168 100
99 63.1 47.9 71.9



#16
Acetone
Concen: 45.904 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087375.D
Acq: 21 Jul 2025 13:34

Tgt Ion: 43 Resp: 50069
Ion Ratio Lower Upper
43 100
58 30.4 22.3 33.5

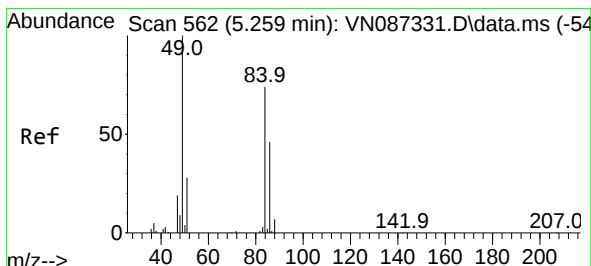
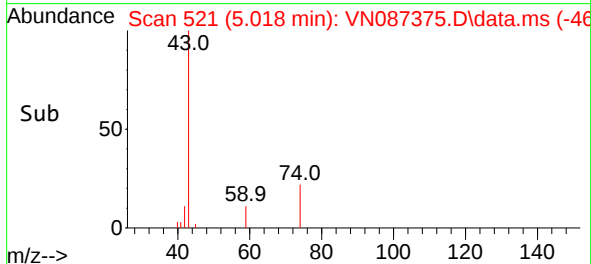
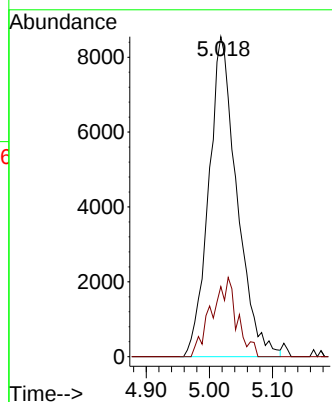
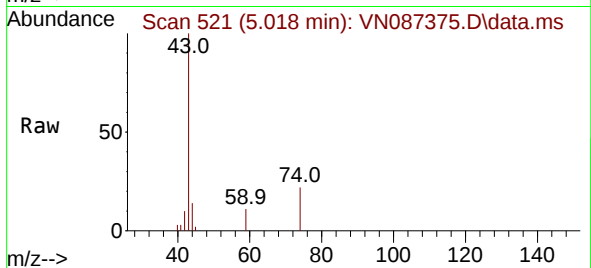




#18
Methyl Acetate
Concen: 9.663 ug/l
RT: 5.018 min Scan# 518
Delta R.T. 0.006 min
Lab File: VN087375.D
Acq: 21 Jul 2025 13:34

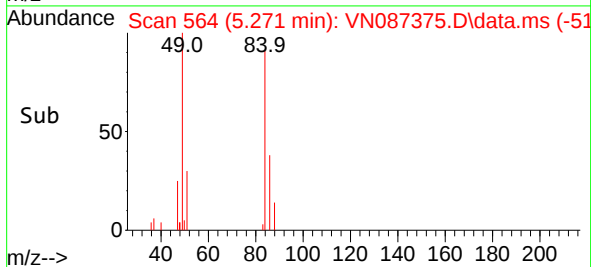
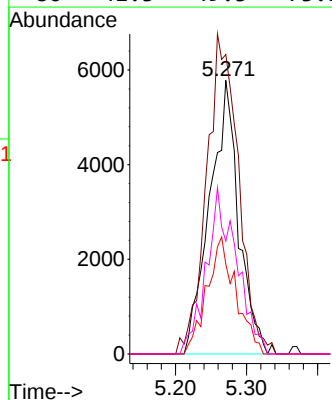
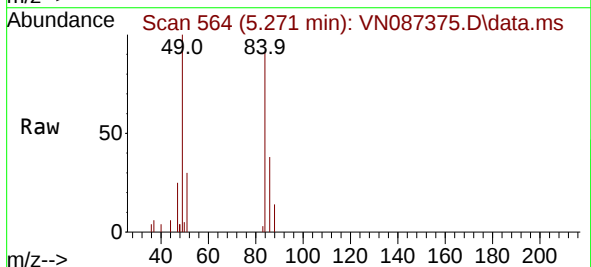
Instrument :
MSVOA_N
ClientSampleId :
PB168920TB

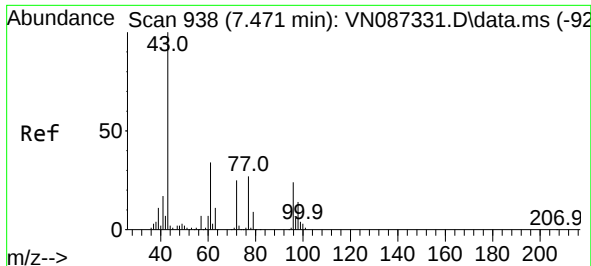
Tgt Ion: 43 Resp: 26480
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6



#20
Methylene Chloride
Concen: 8.305 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN087375.D
Acq: 21 Jul 2025 13:34

Tgt Ion: 84 Resp: 16298
Ion Ratio Lower Upper
84 100
49 109.4 107.5 161.3
51 32.9 30.2 45.2
86 41.3 49.3 73.9#

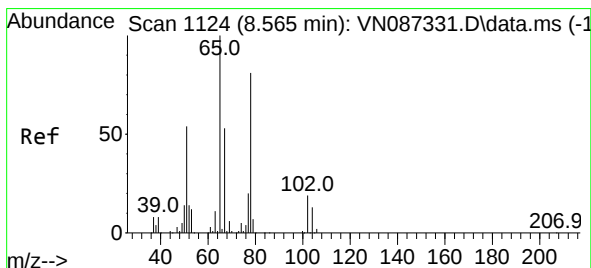
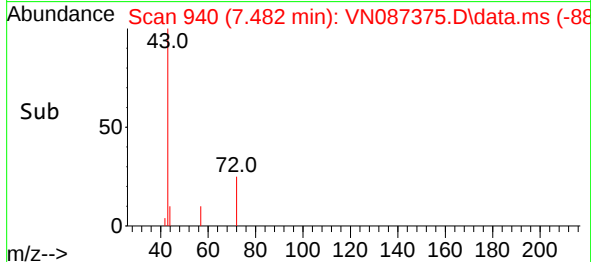
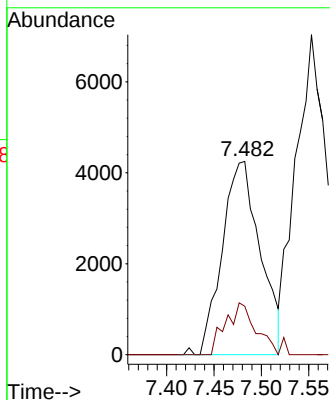
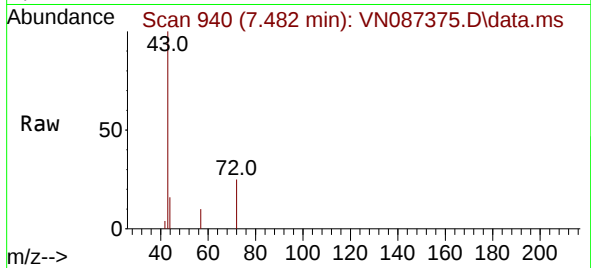




#25
2-Butanone
Concen: 7.056 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087375.D
Acq: 21 Jul 2025 13:34

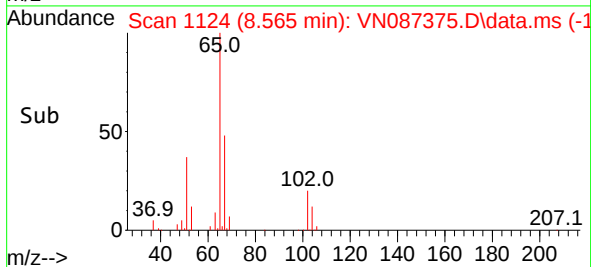
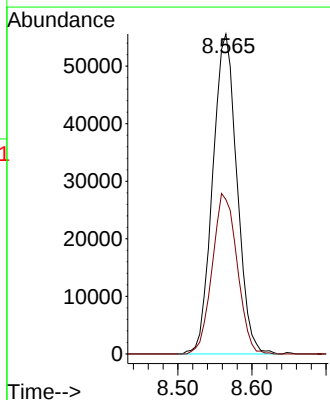
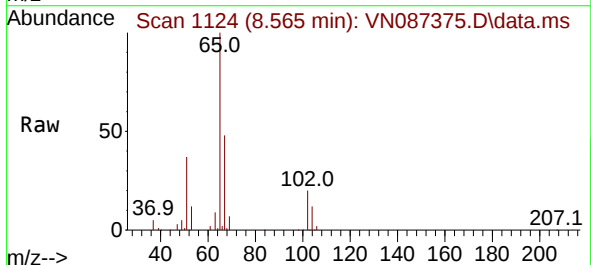
Instrument :
MSVOA_N
ClientSampleId :
PB168920TB

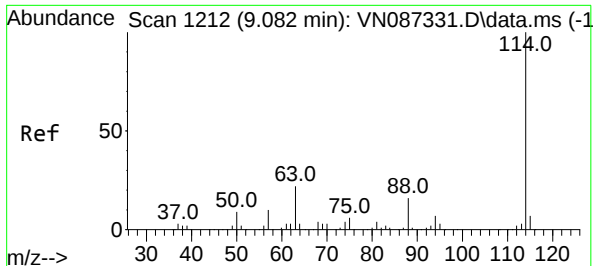
Tgt Ion: 43 Resp: 11891
Ion Ratio Lower Upper
43 100
72 25.1 19.6 29.4



#33
1,2-Dichloroethane-d4
Concen: 54.347 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087375.D
Acq: 21 Jul 2025 13:34

Tgt Ion: 65 Resp: 126429
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087375.D

Acq: 21 Jul 2025 13:34

Instrument :

MSVOA_N

ClientSampleId :

PB168920TB

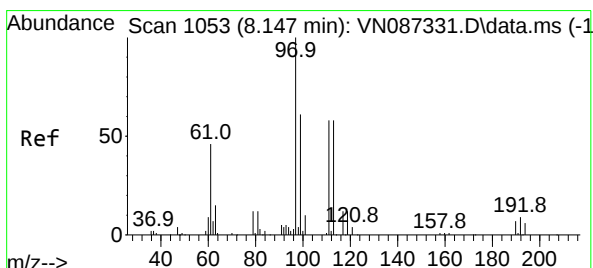
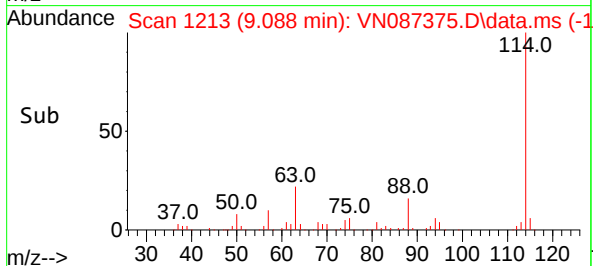
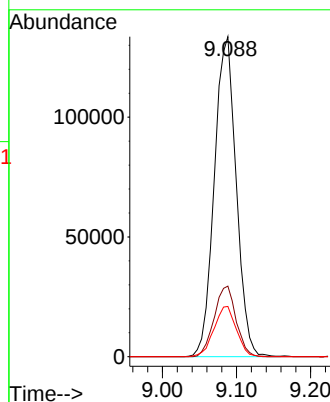
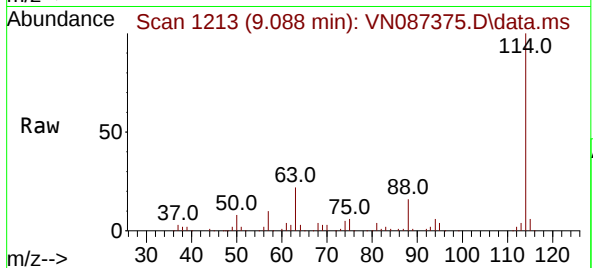
Tgt Ion:114 Resp: 274148

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 15.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.099 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087375.D

Acq: 21 Jul 2025 13:34

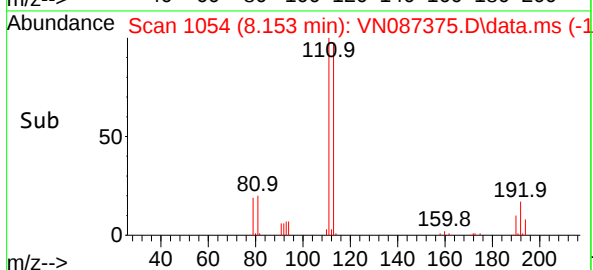
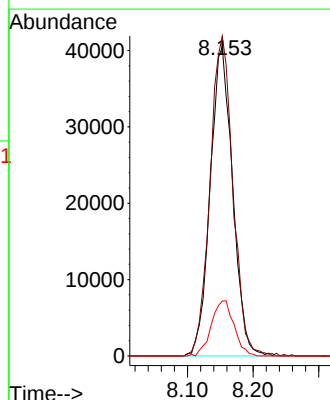
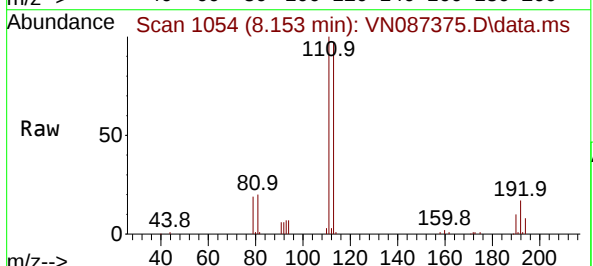
Tgt Ion:113 Resp: 96632

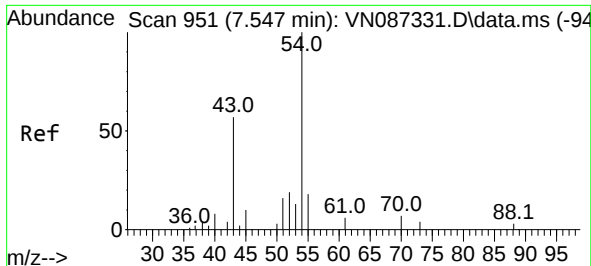
Ion Ratio Lower Upper

113 100

111 104.5 82.5 123.7

192 18.0 13.7 20.5





#37

Ethyl Acetate

Concen: 4.682 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087375.D

Acq: 21 Jul 2025 13:34

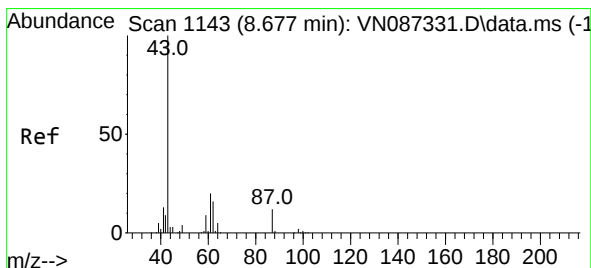
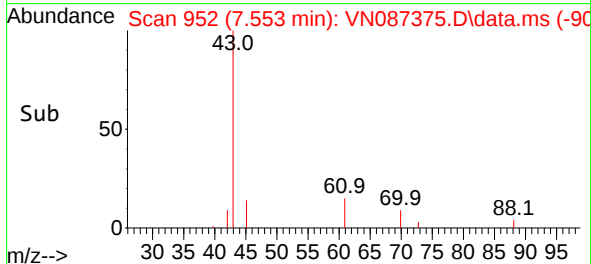
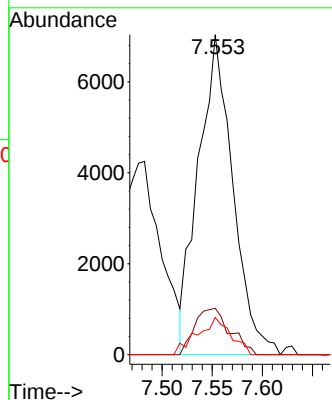
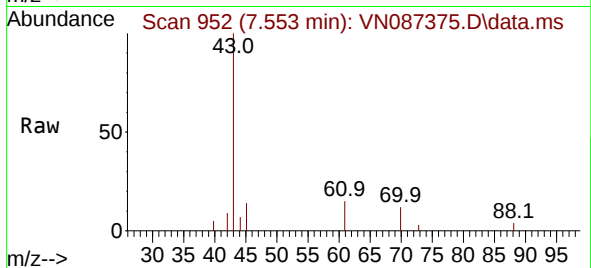
Instrument :

MSVOA_N

ClientSampleId :

PB168920TB

Tgt Ion:	43	Resp:	16896
Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.9	16.3
70	11.1	7.4	11.0



#43

Isopropyl Acetate

Concen: 2.049 ug/l

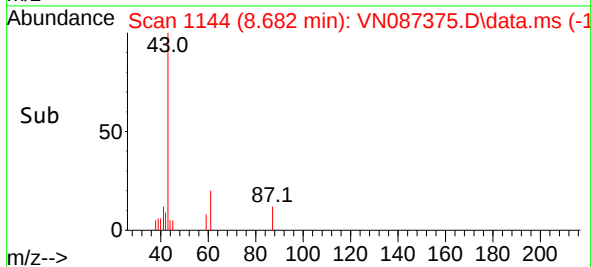
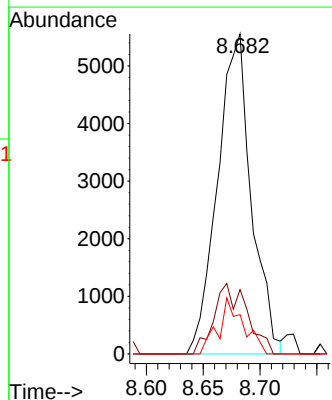
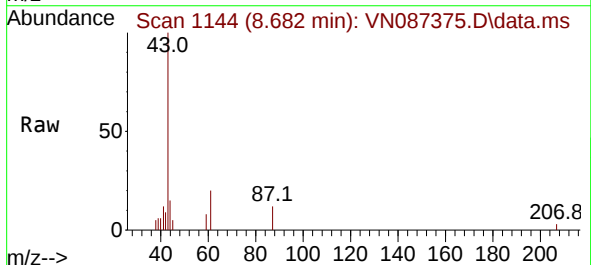
RT: 8.682 min Scan# 1144

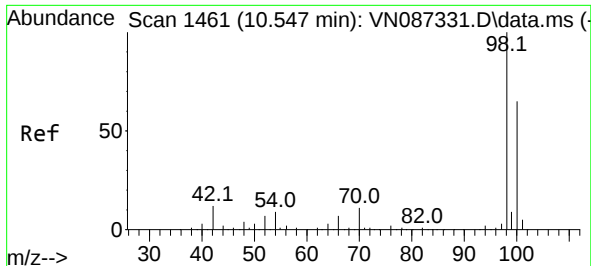
Delta R.T. 0.005 min

Lab File: VN087375.D

Acq: 21 Jul 2025 13:34

Tgt Ion:	43	Resp:	11476
Ion	Ratio	Lower	Upper
43	100		
61	21.6	19.8	29.8
87	13.0	9.8	14.6





#50

Toluene-d8

Concen: 53.249 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087375.D

Acq: 21 Jul 2025 13:34

Instrument :

MSVOA_N

ClientSampleId :

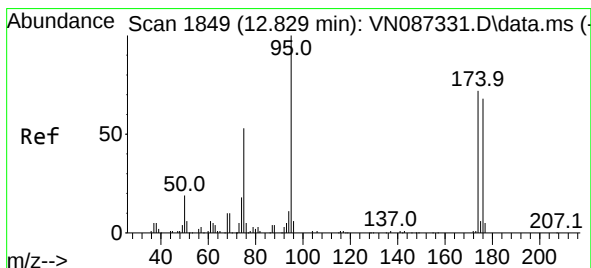
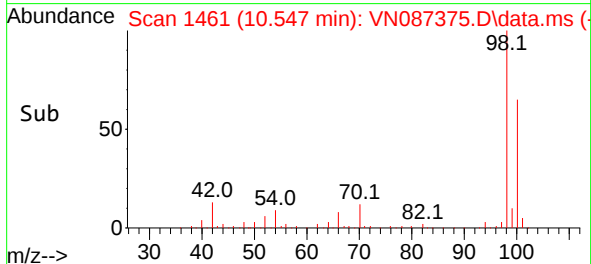
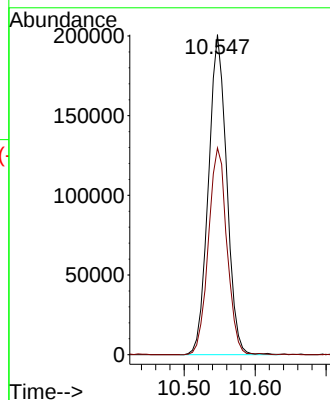
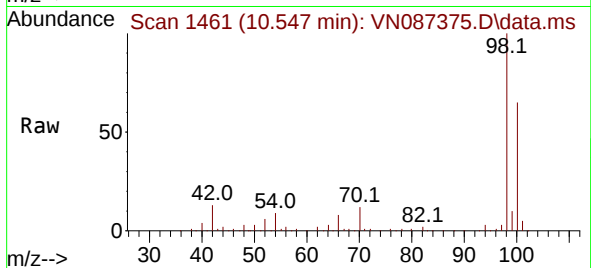
PB168920TB

Tgt Ion: 98 Resp: 359201

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 49.152 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VN087375.D

Acq: 21 Jul 2025 13:34

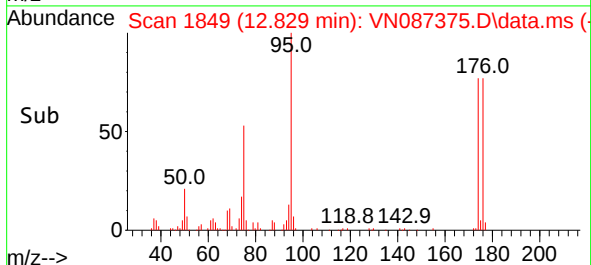
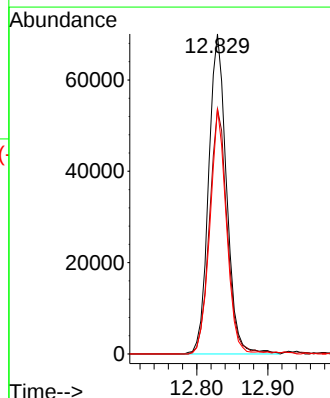
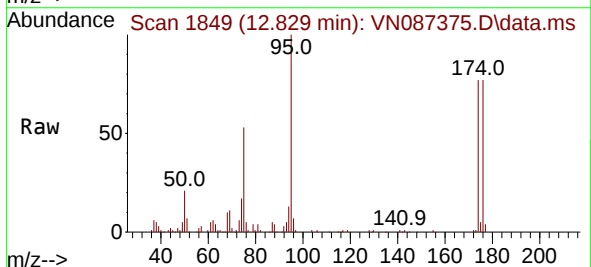
Tgt Ion: 95 Resp: 122497

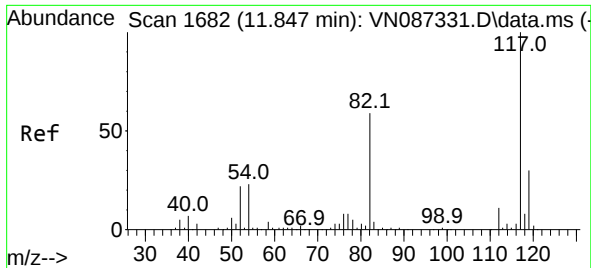
Ion Ratio Lower Upper

95 100

174 76.6 0.0 149.4

176 71.2 0.0 141.2

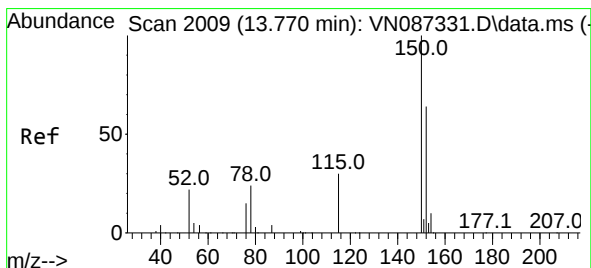
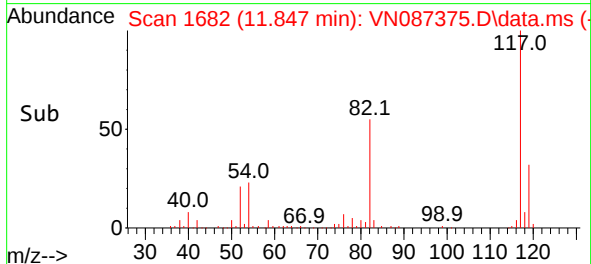
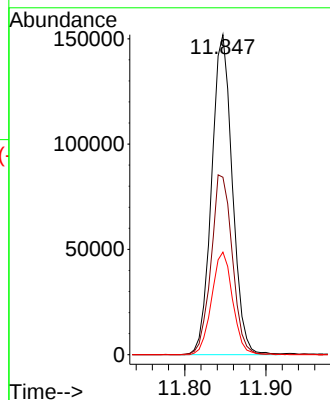
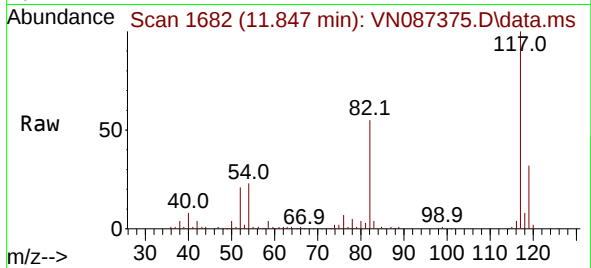




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087375.D
Acq: 21 Jul 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
PB168920TB

Tgt Ion:117 Resp: 269324
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 32.1 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: VN087375.D
Acq: 21 Jul 2025 13:34

Tgt Ion:152 Resp: 120973
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.5
150 159.0 0.0 349.0

