

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
 Data File : VN085981.D
 Acq On : 13 Mar 2025 15:25
 Operator : JC\MD
 Sample : Q1552-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-418-JB-COMP-01

Quant Time: Mar 14 00:29:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

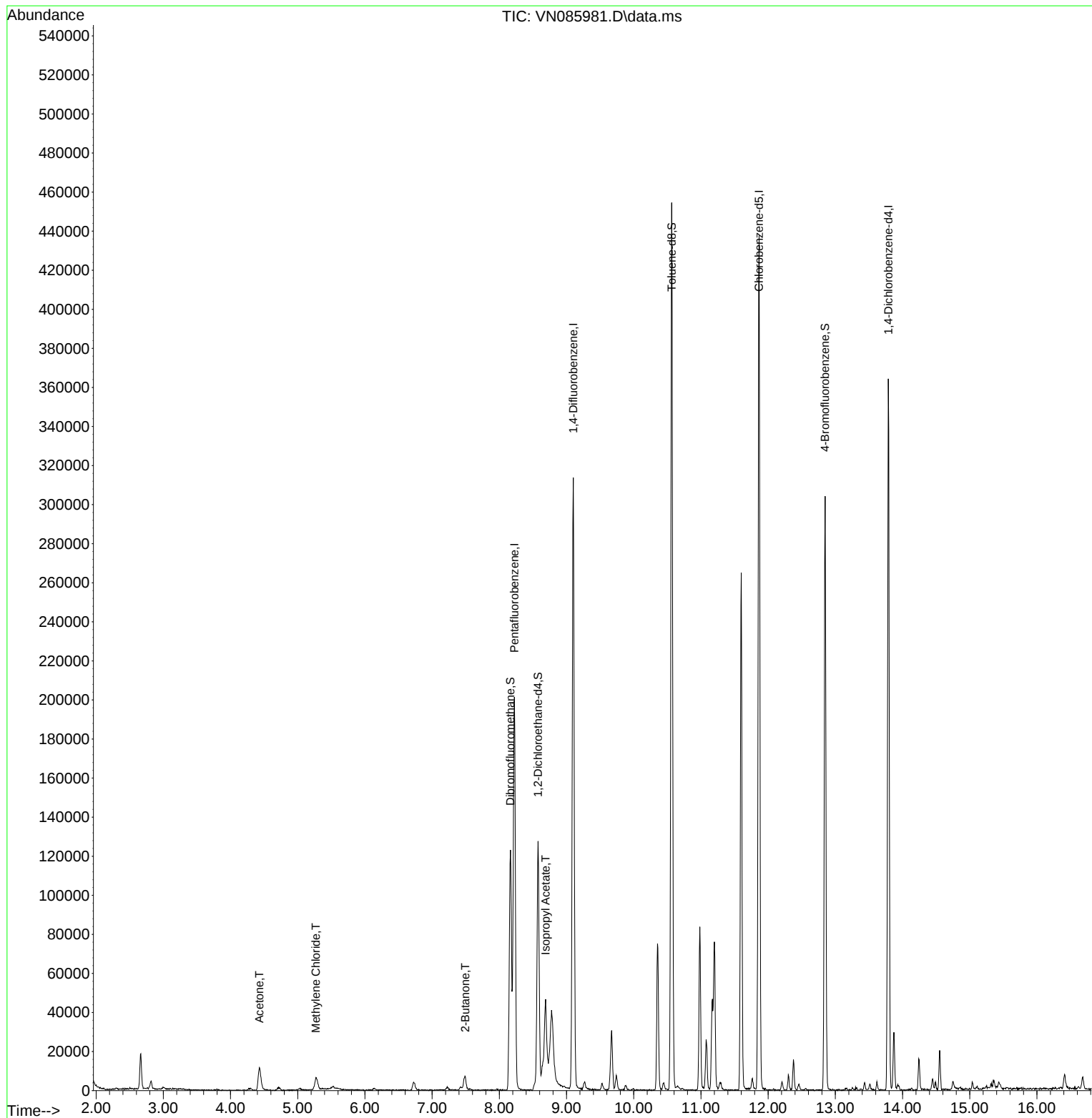
Internal Standards						
1) Pentafluorobenzene	8.224	168	142843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106306	57.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.800%
35) Dibromofluoromethane	8.165	113	87378	49.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.565	98	318368	49.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.847	95	105570	50.083	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.160%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	21715	37.058	ug/l	94
20) Methylene Chloride	5.271	84	5362	2.845	ug/l	94
25) 2-Butanone	7.494	43	12276	14.240	ug/l #	86
43) Isopropyl Acetate	8.688	43	59657	16.229	ug/l #	77

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

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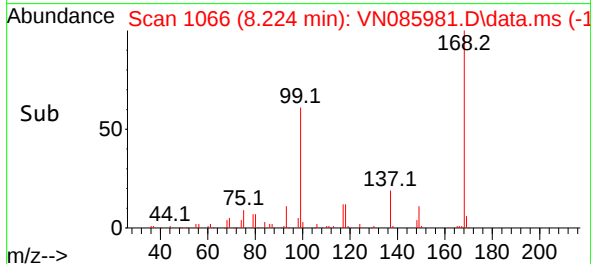
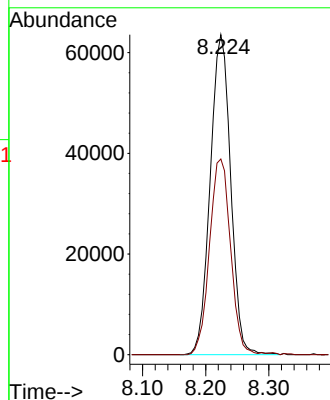
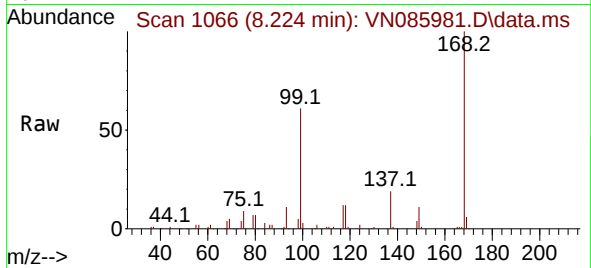




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085981.D
Acq: 13 Mar 2025 15:25

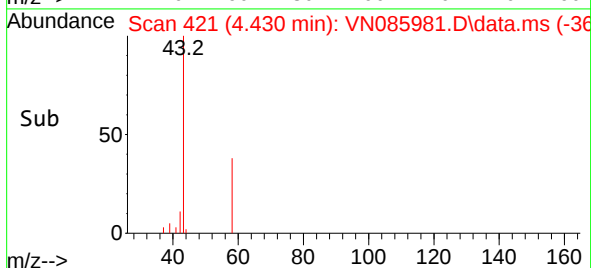
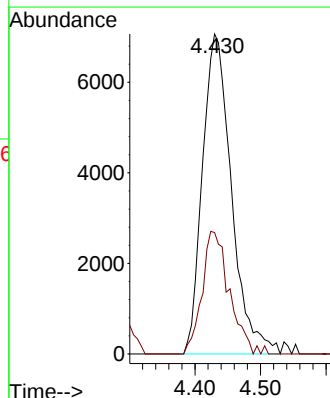
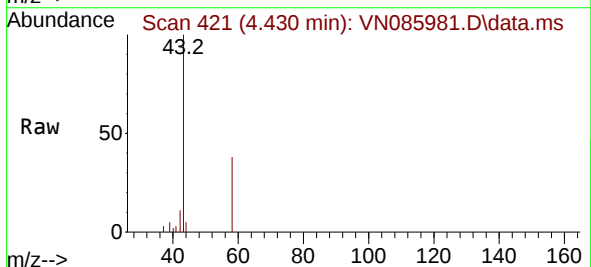
Instrument :
MSVOA_N
ClientSampleId :
NB-418-JB-COMP-01

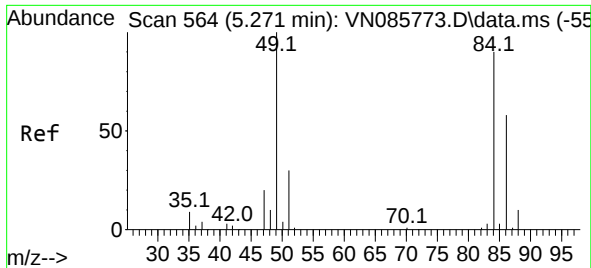
Tgt Ion:168 Resp: 142843
Ion Ratio Lower Upper
168 100
99 61.1 47.9 71.9



#16
Acetone
Concen: 37.058 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085981.D
Acq: 13 Mar 2025 15:25

Tgt Ion: 43 Resp: 21715
Ion Ratio Lower Upper
43 100
58 38.0 27.5 41.3

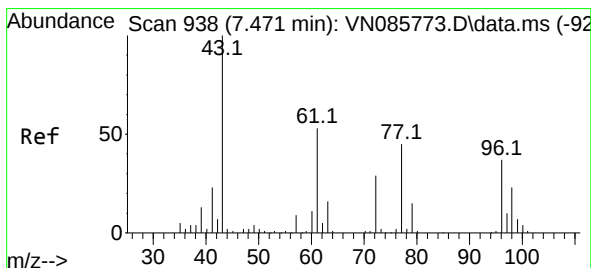
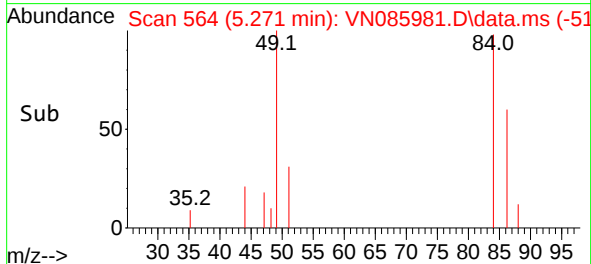
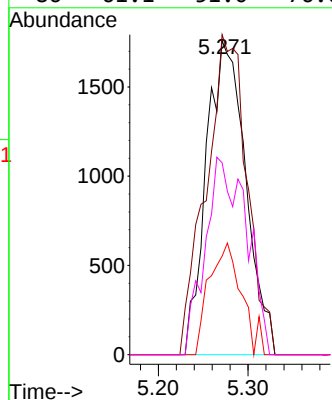
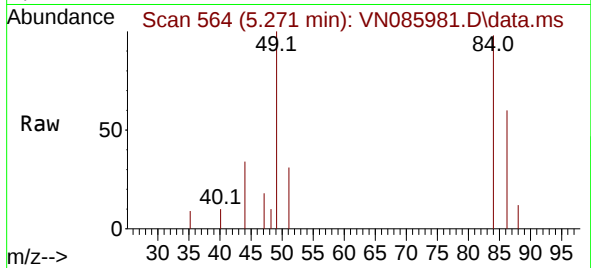




#20
Methylene Chloride
Concen: 2.845 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085981.D
Acq: 13 Mar 2025 15:25

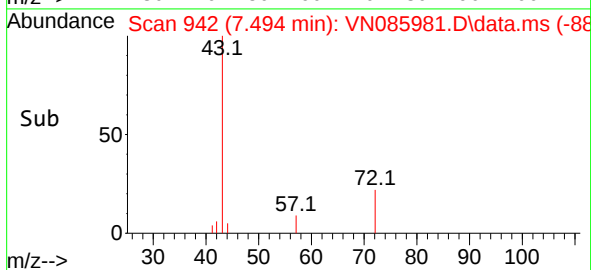
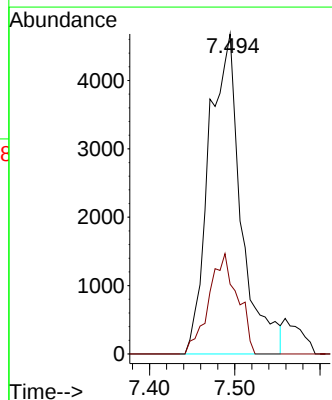
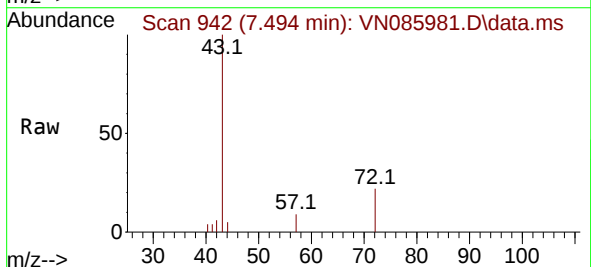
Instrument :
MSVOA_N
ClientSampleId :
NB-418-JB-COMP-01

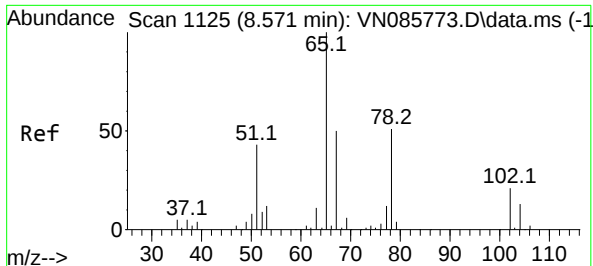
Tgt Ion:	84	Resp:	5362
Ion	Ratio	Lower	Upper
84	100		
49	101.9	88.4	132.6
51	31.4	26.6	40.0
86	61.1	51.0	76.6



#25
2-Butanone
Concen: 14.240 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.024 min
Lab File: VN085981.D
Acq: 13 Mar 2025 15:25

Tgt Ion:	43	Resp:	12276
Ion	Ratio	Lower	Upper
43	100		
72	21.8	23.6	35.4#





#33

1,2-Dichloroethane-d4

Concen: 57.403 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085981.D

Acq: 13 Mar 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

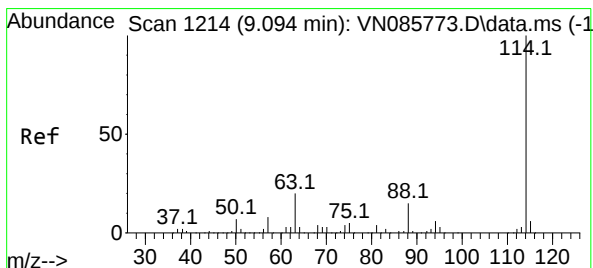
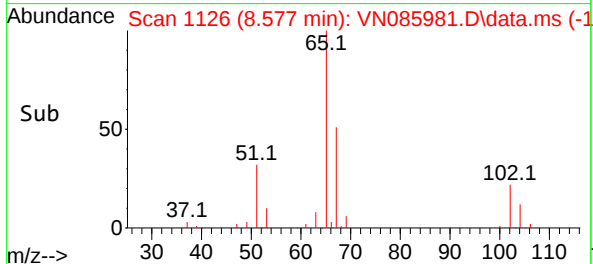
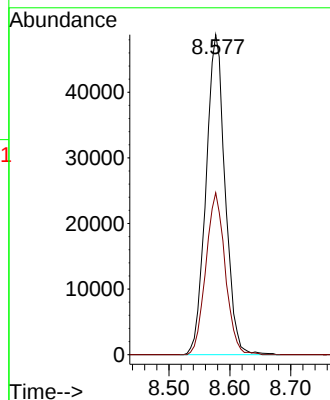
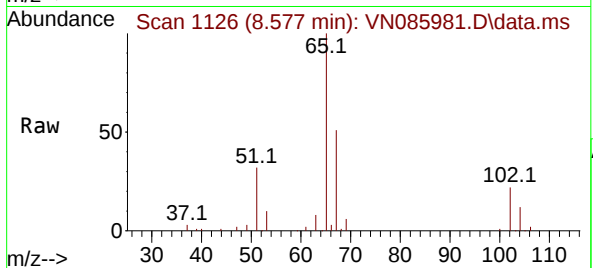
NB-418-JB-COMP-01

Tgt Ion: 65 Resp: 106306

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085981.D

Acq: 13 Mar 2025 15:25

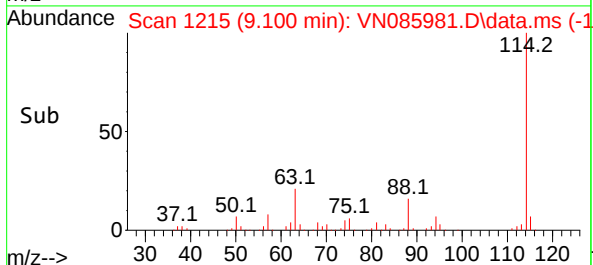
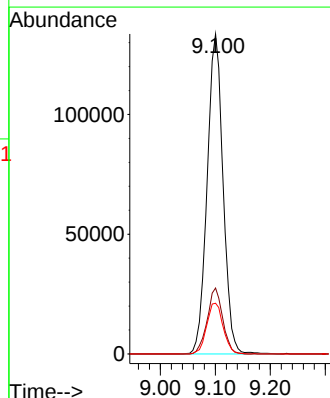
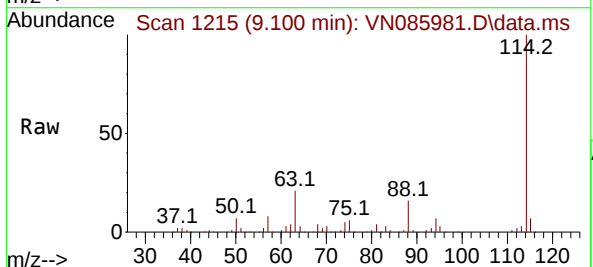
Tgt Ion: 114 Resp: 268727

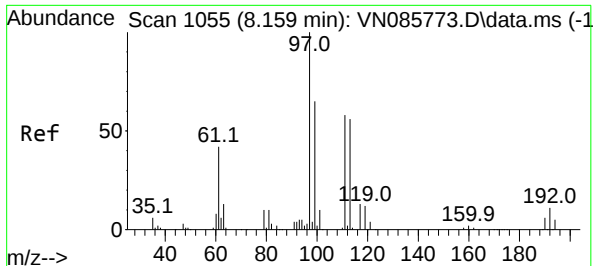
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 15.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.691 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN085981.D

Acq: 13 Mar 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

NB-418-JB-COMP-01

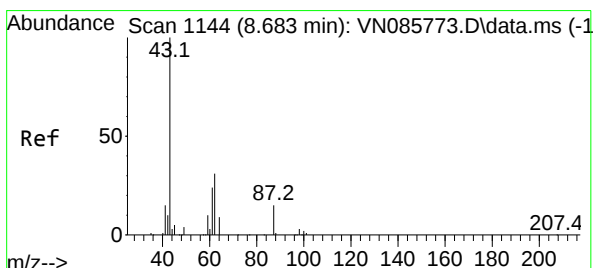
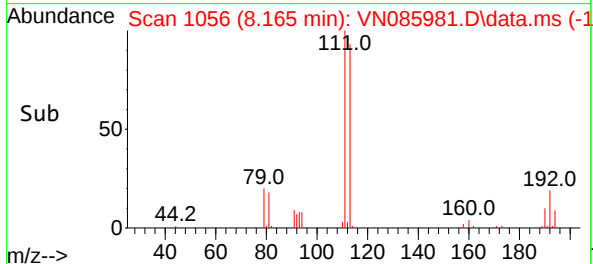
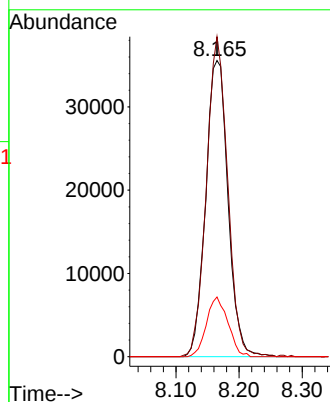
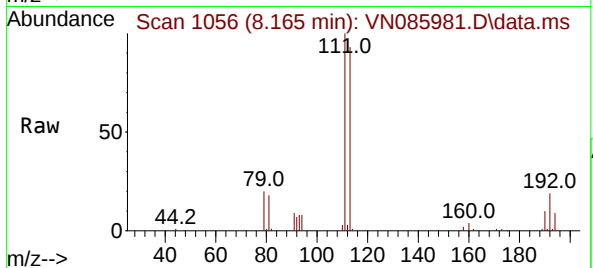
Tgt Ion:113 Resp: 87378

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 19.4 14.7 22.1



#43

Isopropyl Acetate

Concen: 16.229 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN085981.D

Acq: 13 Mar 2025 15:25

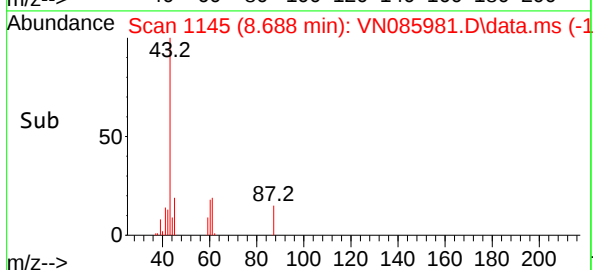
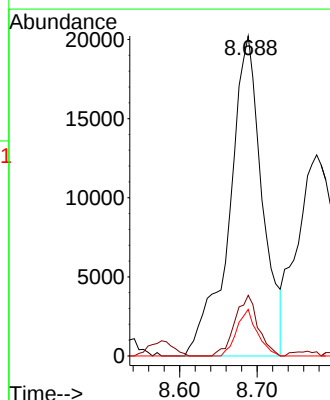
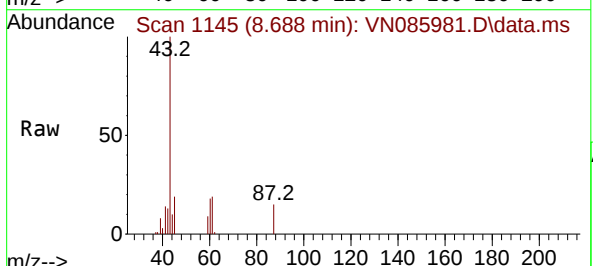
Tgt Ion: 43 Resp: 59657

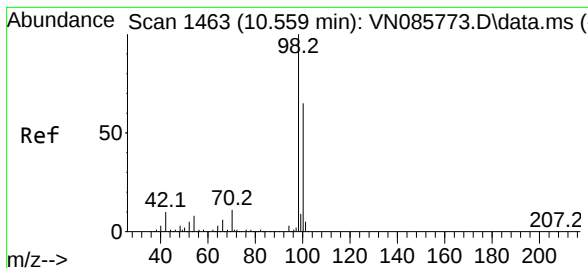
Ion Ratio Lower Upper

43 100

61 13.4 22.6 34.0#

87 9.1 11.8 17.8#





#50

Toluene-d8

Concen: 49.763 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085981.D

Acq: 13 Mar 2025 15:25

Instrument :

MSVOA_N

ClientSampleId :

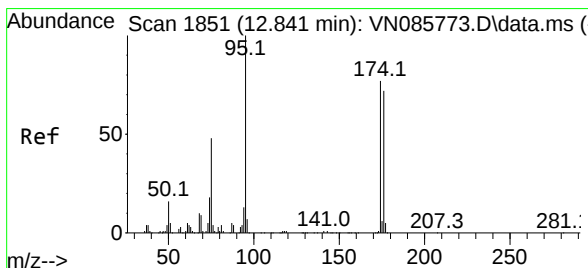
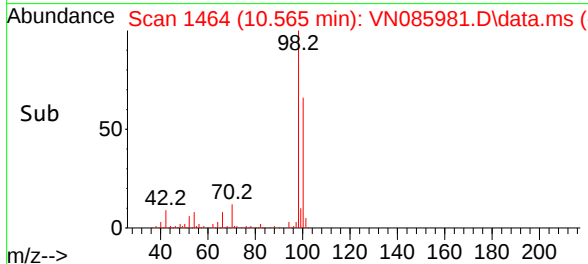
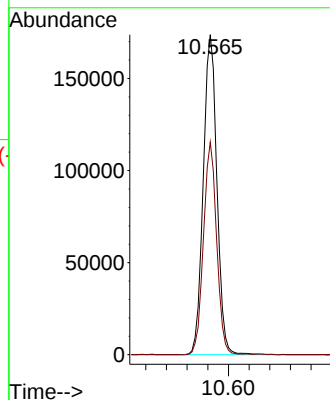
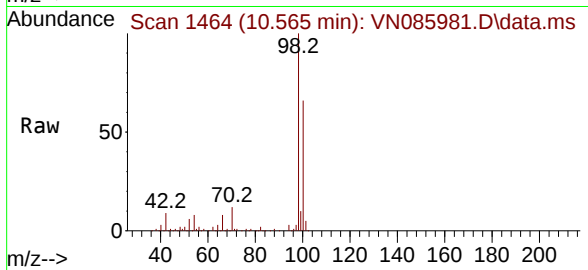
NB-418-JB-COMP-01

Tgt Ion: 98 Resp: 318368

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 50.083 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.006 min

Lab File: VN085981.D

Acq: 13 Mar 2025 15:25

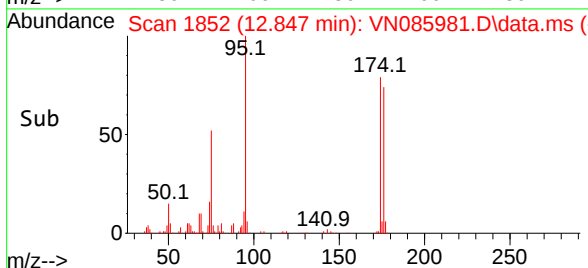
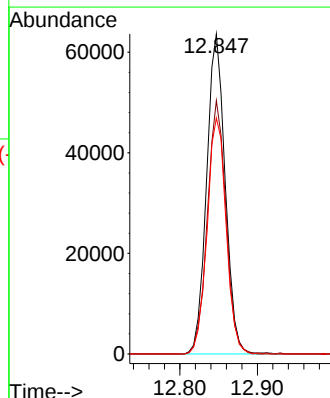
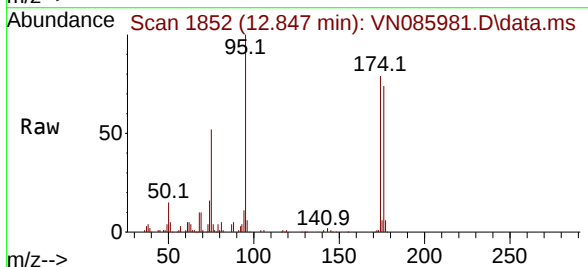
Tgt Ion: 95 Resp: 105570

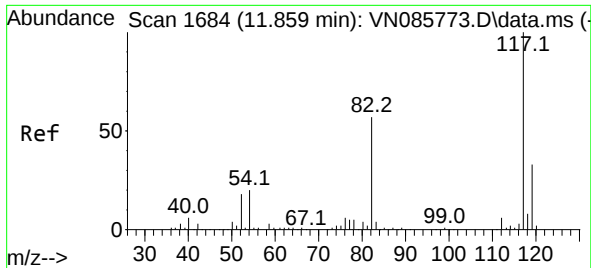
Ion Ratio Lower Upper

95 100

174 79.5 0.0 152.4

176 75.5 0.0 146.6

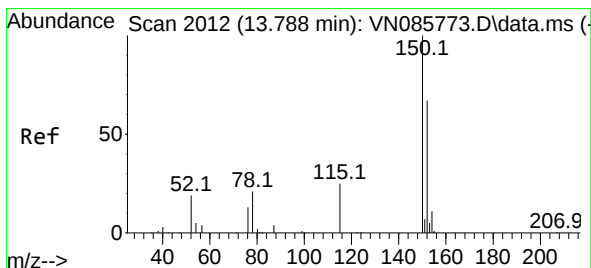
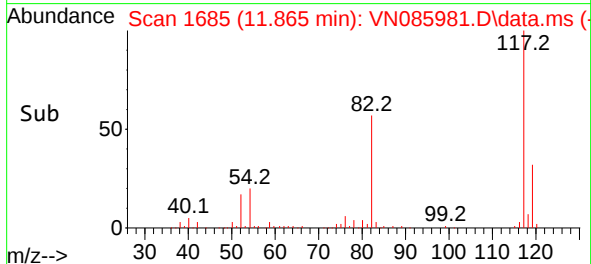
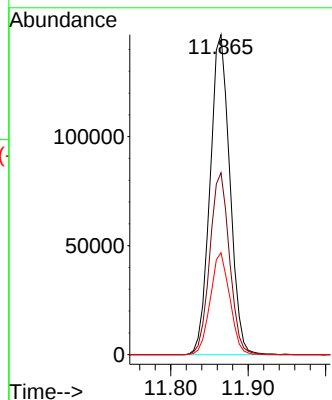
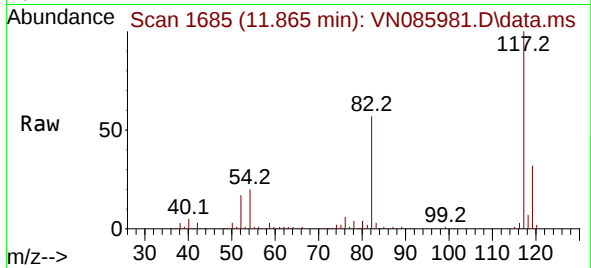




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085981.D
Acq: 13 Mar 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 260175
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085981.D
Acq: 13 Mar 2025 15:25

Tgt Ion:152 Resp: 101274
Ion Ratio Lower Upper
152 100
115 62.6 30.4 91.3
150 157.8 0.0 345.4

