

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
 Data File : VN085980.D
 Acq On : 13 Mar 2025 15:01
 Operator : JC\MD
 Sample : Q1547-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-620-JB-COMP-02

Quant Time: Mar 14 00:29:10 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)

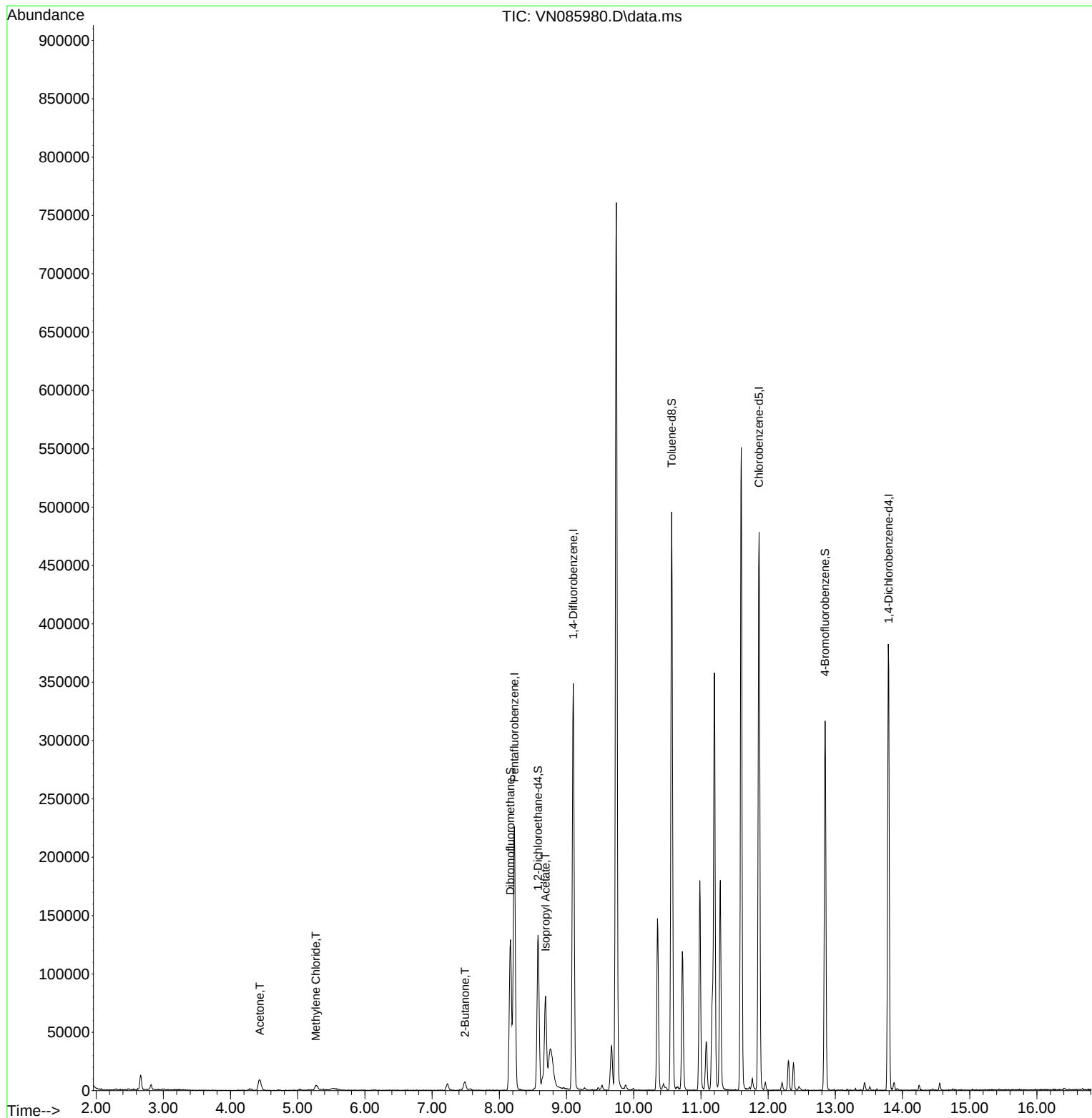
Internal Standards						
1) Pentafluorobenzene	8.224	168	156599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112737	55.529	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.060%
35) Dibromofluoromethane	8.165	113	93638	48.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.420%
50) Toluene-d8	10.565	98	343466	48.607	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.847	95	111853	48.043	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.080%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	18235	28.385	ug/l	95
20) Methylene Chloride	5.271	84	3082	1.492	ug/l #	96
25) 2-Butanone	7.489	43	12511	13.238	ug/l	96
43) Isopropyl Acetate	8.689	43	93708	23.314	ug/l #	87

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

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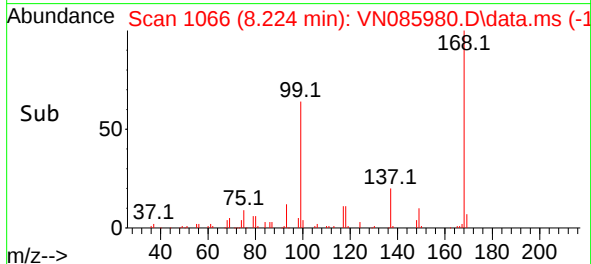
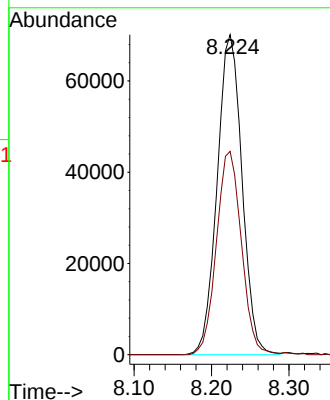
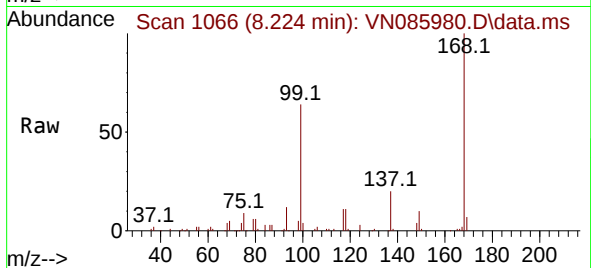




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085980.D
Acq: 13 Mar 2025 15:01

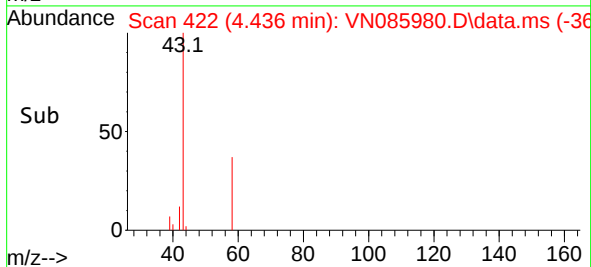
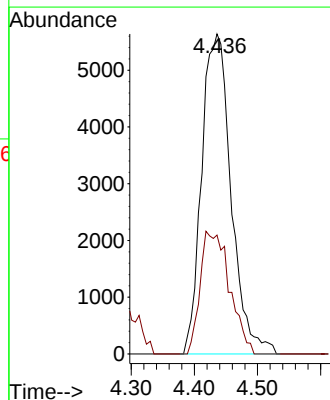
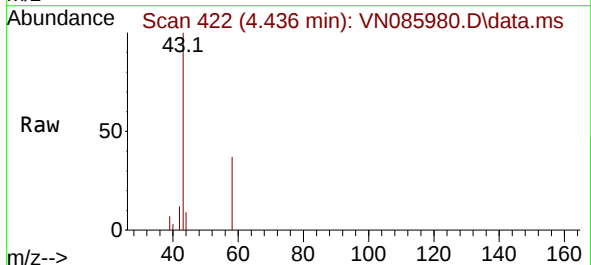
Instrument :
MSVOA_N
ClientSampleId :
OR-620-JB-COMP-02

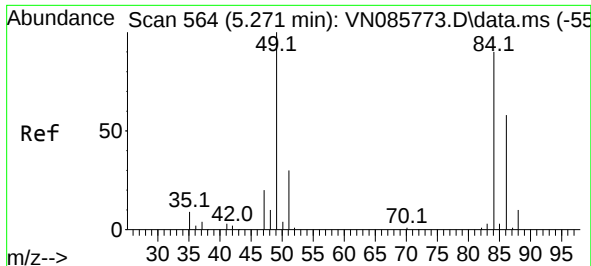
Tgt Ion:168 Resp: 156599
Ion Ratio Lower Upper
168 100
99 63.5 47.9 71.9



#16
Acetone
Concen: 28.385 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085980.D
Acq: 13 Mar 2025 15:01

Tgt Ion: 43 Resp: 18235
Ion Ratio Lower Upper
43 100
58 37.2 27.5 41.3





#20

Methylene Chloride

Concen: 1.492 ug/l

RT: 5.271 min Scan# 5

Delta R.T. 0.000 min

Lab File: VN085980.D

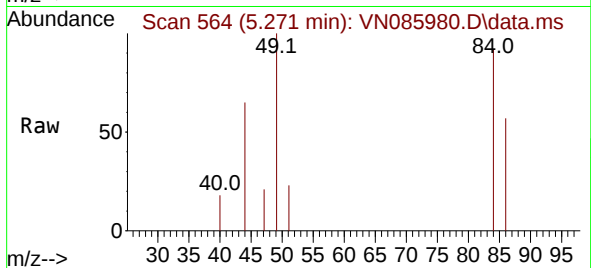
Acq: 13 Mar 2025 15:01

Instrument :

MSVOA_N

ClientSampleId :

OR-620-JB-COMP-02



Tgt Ion: 84 Resp: 3082

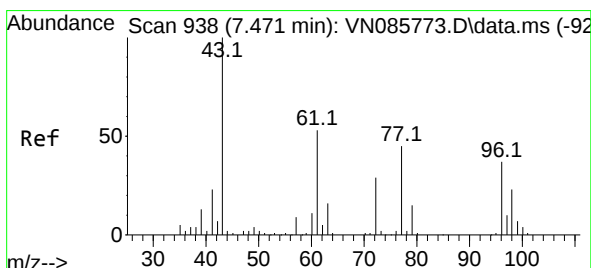
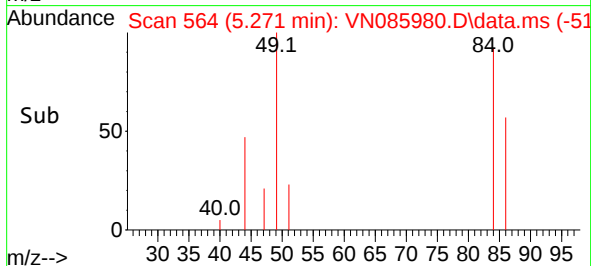
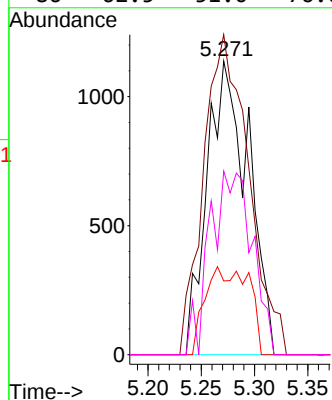
Ion Ratio Lower Upper

84 100

49 109.0 88.4 132.6

51 25.1 26.6 40.0#

86 62.5 51.0 76.6



#25

2-Butanone

Concen: 13.238 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.018 min

Lab File: VN085980.D

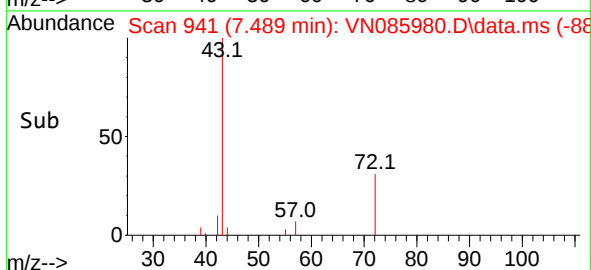
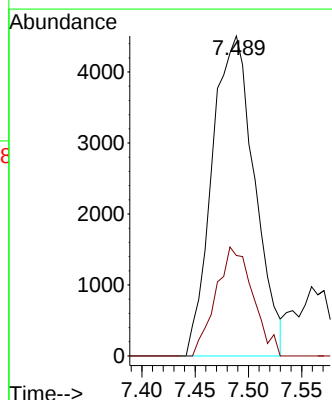
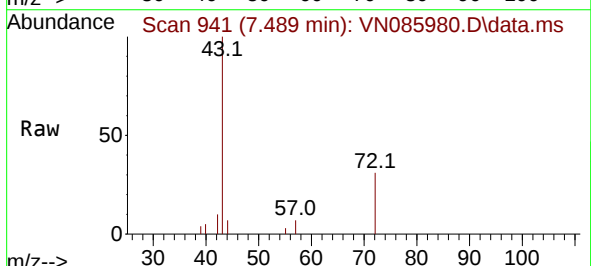
Acq: 13 Mar 2025 15:01

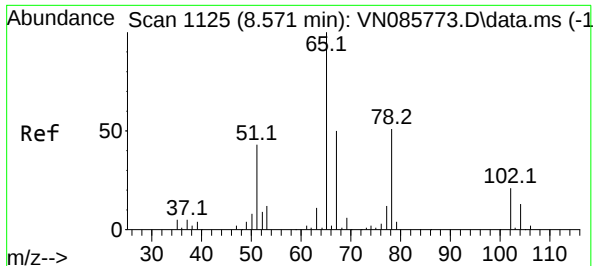
Tgt Ion: 43 Resp: 12511

Ion Ratio Lower Upper

43 100

72 31.4 23.6 35.4





#33

1,2-Dichloroethane-d4

Concen: 55.529 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085980.D

Acq: 13 Mar 2025 15:01

Instrument :

MSVOA_N

ClientSampleId :

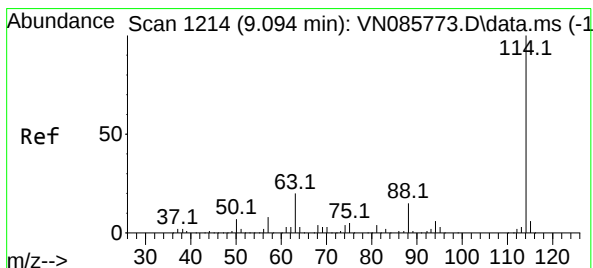
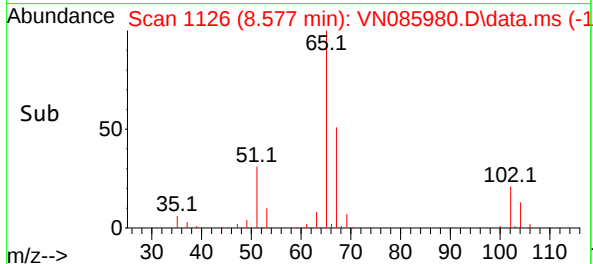
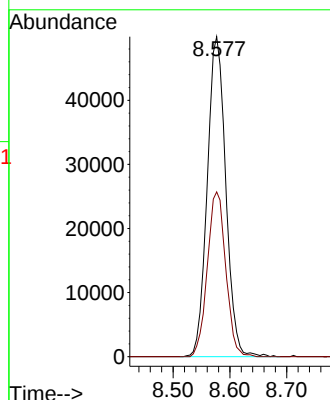
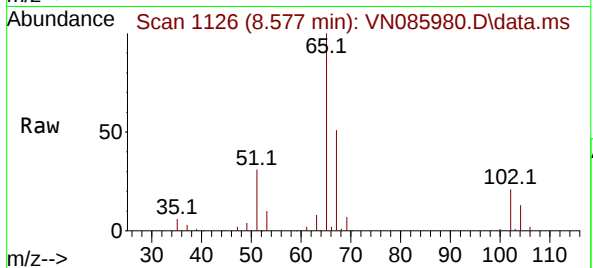
OR-620-JB-COMP-02

Tgt Ion: 65 Resp: 112737

Ion Ratio Lower Upper

65 100

67 51.1 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: VN085980.D

Acq: 13 Mar 2025 15:01

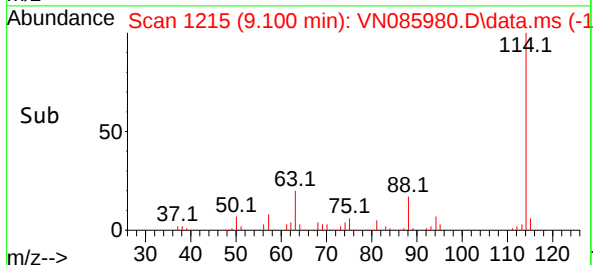
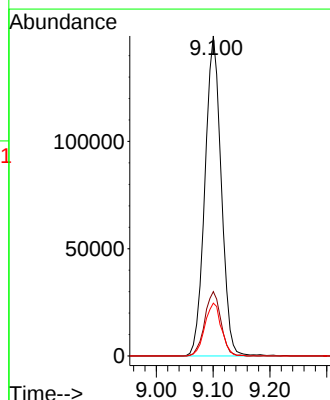
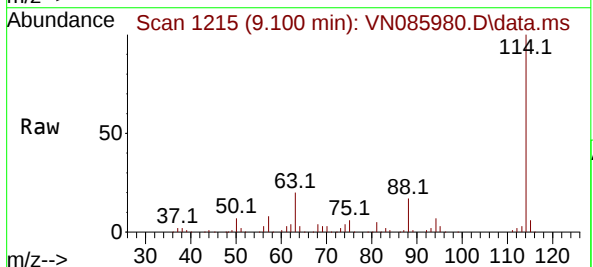
Tgt Ion: 114 Resp: 296810

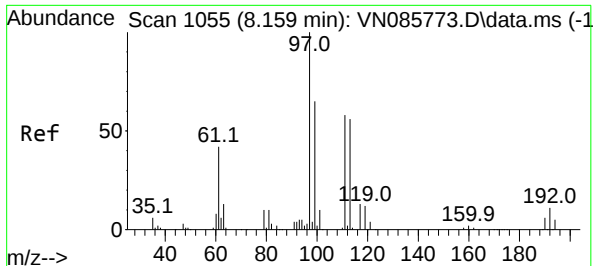
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

88 16.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.213 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN085980.D

Acq: 13 Mar 2025 15:01

Instrument :

MSVOA_N

ClientSampleId :

OR-620-JB-COMP-02

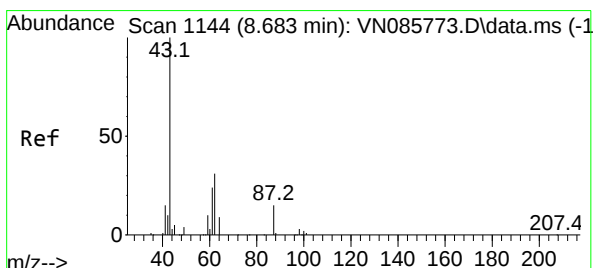
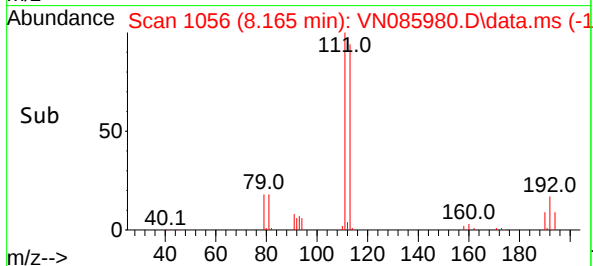
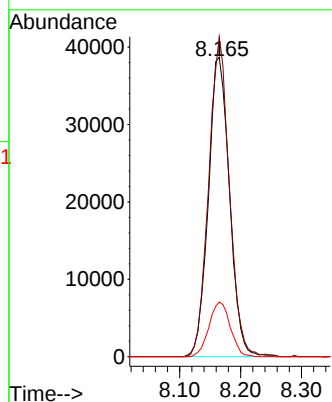
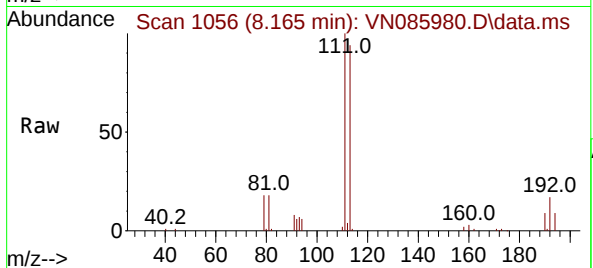
Tgt Ion:113 Resp: 93638

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 18.3 14.7 22.1



#43

Isopropyl Acetate

Concen: 23.314 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085980.D

Acq: 13 Mar 2025 15:01

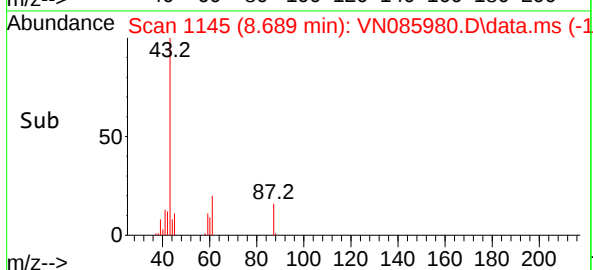
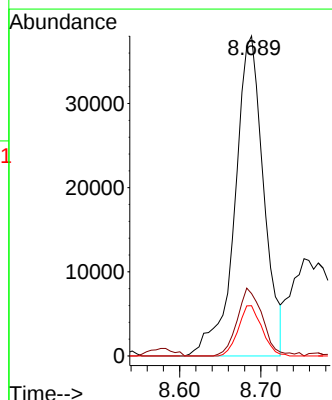
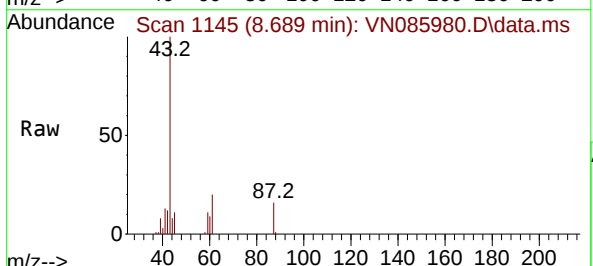
Tgt Ion: 43 Resp: 93708

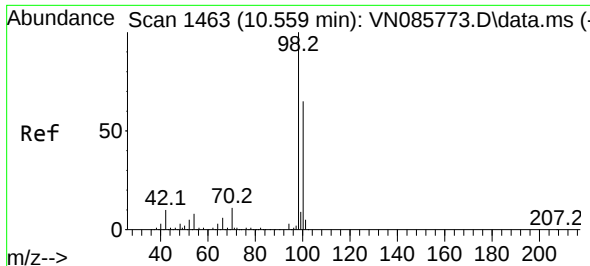
Ion Ratio Lower Upper

43 100

61 18.8 22.6 34.0#

87 12.9 11.8 17.8

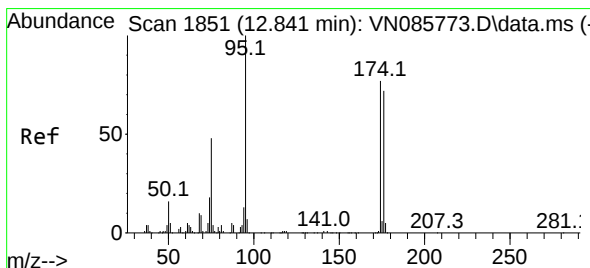
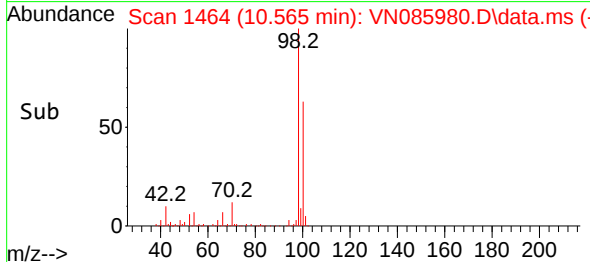
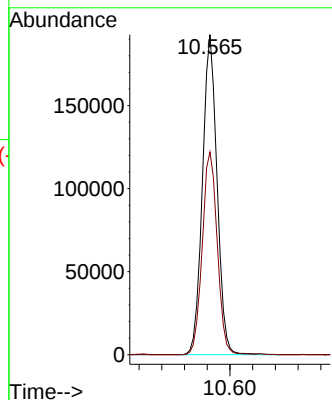
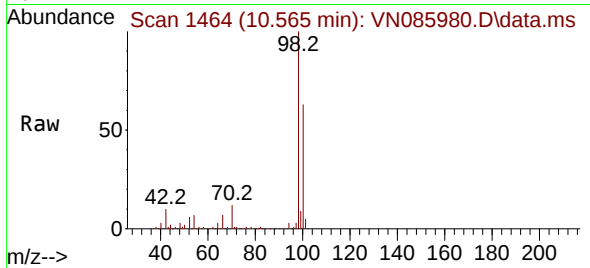




#50
Toluene-d8
Concen: 48.607 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085980.D
Acq: 13 Mar 2025 15:01

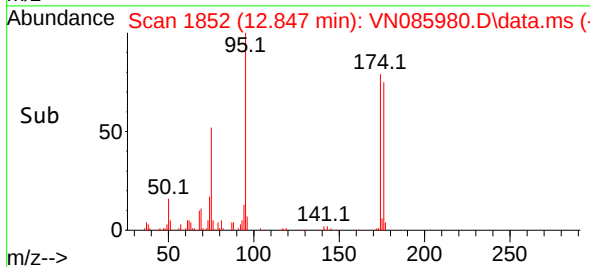
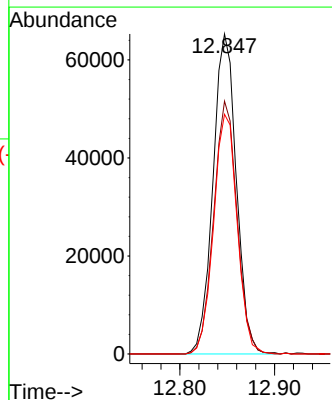
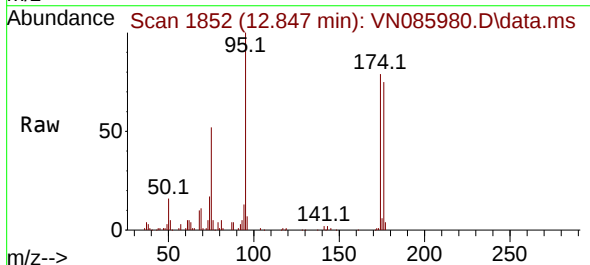
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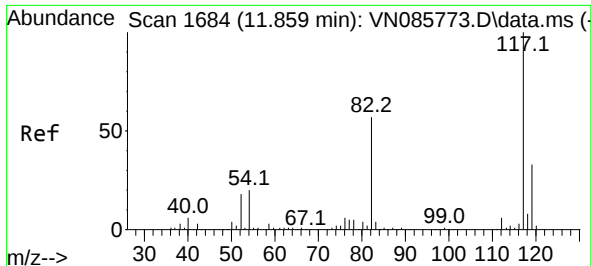
Tgt Ion: 98 Resp: 343466
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.043 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085980.D
Acq: 13 Mar 2025 15:01

Tgt Ion: 95 Resp: 111853
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.4
176 75.6 0.0 146.6

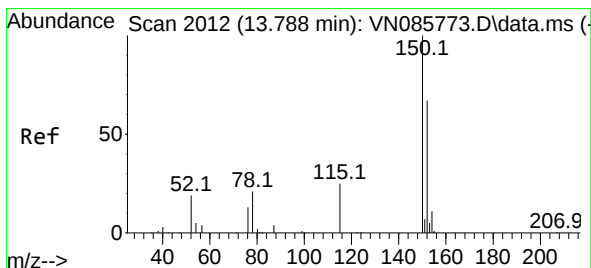
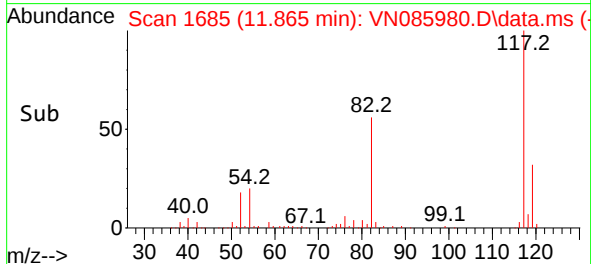
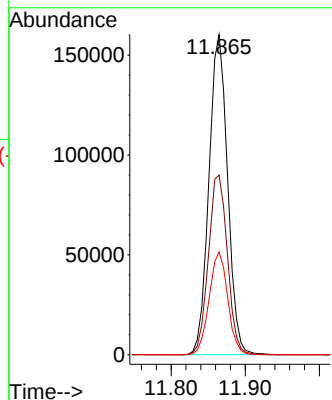
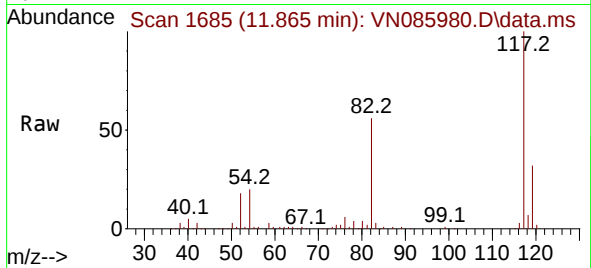




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085980.D
Acq: 13 Mar 2025 15:01

Instrument :
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Tgt Ion:117 Resp: 280402
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085980.D
Acq: 13 Mar 2025 15:01

Tgt Ion:152 Resp: 107386
Ion Ratio Lower Upper
152 100
115 62.2 30.4 91.3
150 159.0 0.0 345.4

