

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085947.D
 Acq On : 11 Mar 2025 21:29
 Operator : JC\MD
 Sample : Q1514-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ENV-105-SB01

Quant Time: Mar 12 01:31:16 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)

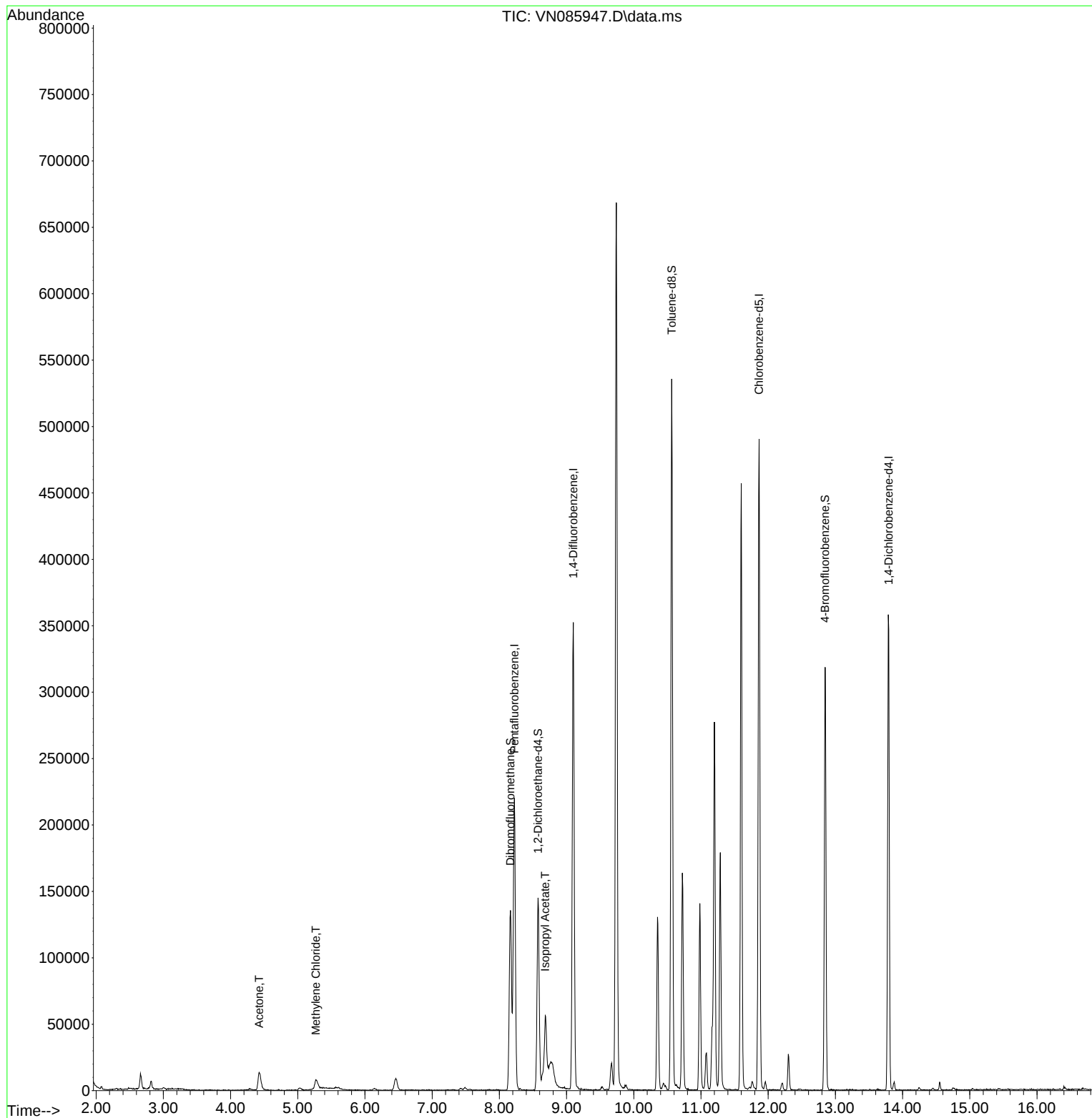
Internal Standards						
1) Pentafluorobenzene	8.224	168	154053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118390	59.277	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.560%
35) Dibromofluoromethane	8.165	113	99800	50.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.920%
50) Toluene-d8	10.565	98	368578	51.733	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.847	95	111523	47.509	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.020%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	25696	40.661	ug/l	95
20) Methylene Chloride	5.271	84	5536	2.724	ug/l #	88
43) Isopropyl Acetate	8.683	43	71882	17.605	ug/l #	78

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

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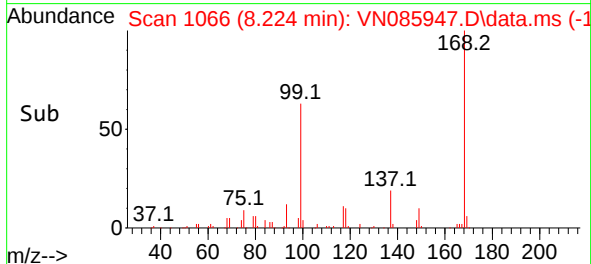
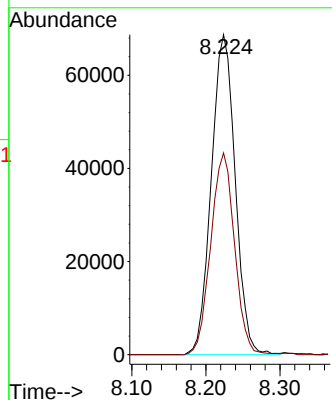
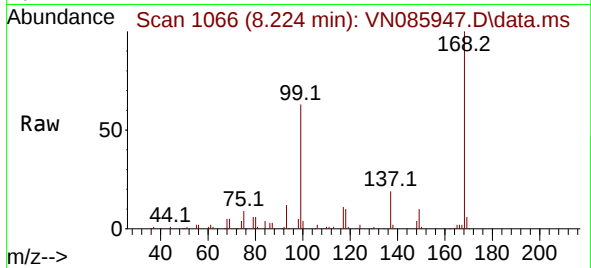




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085947.D
Acq: 11 Mar 2025 21:29

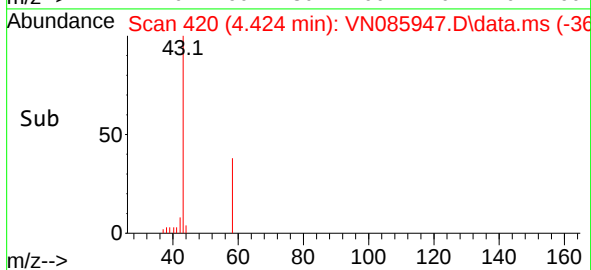
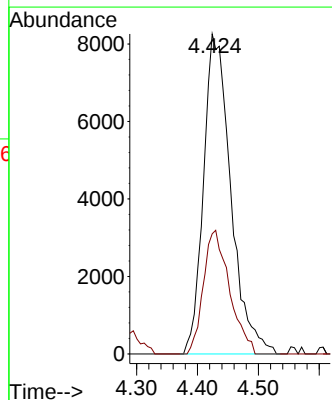
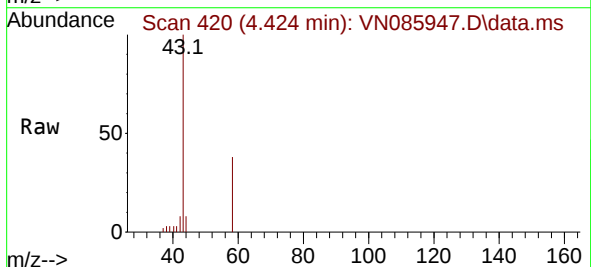
Instrument :
MSVOA_N
ClientSampleId :
ENV-105-SB01

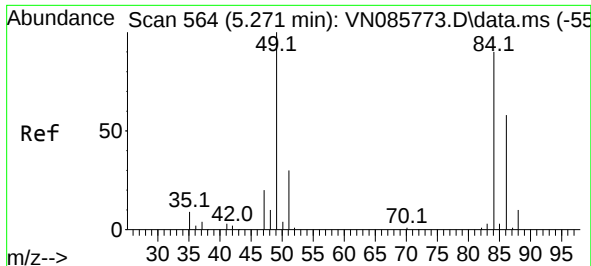
Tgt Ion:168 Resp: 154053
Ion Ratio Lower Upper
168 100
99 63.0 47.9 71.9



#16
Acetone
Concen: 40.661 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085947.D
Acq: 11 Mar 2025 21:29

Tgt Ion: 43 Resp: 25696
Ion Ratio Lower Upper
43 100
58 37.5 27.5 41.3

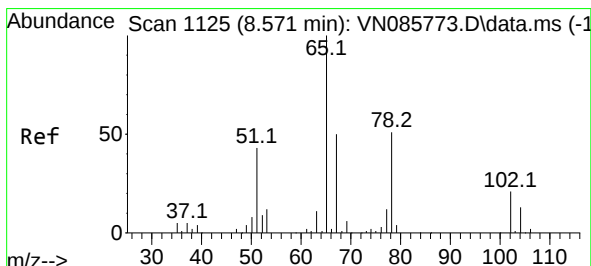
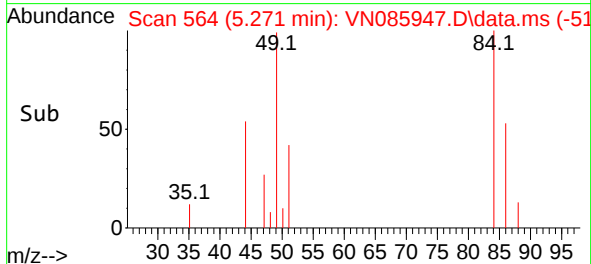
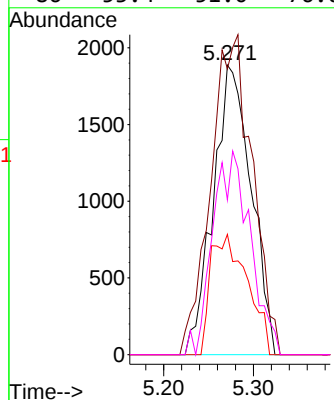
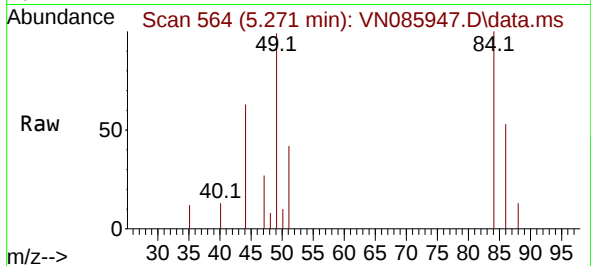




#20
Methylene Chloride
Concen: 2.724 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085947.D
Acq: 11 Mar 2025 21:29

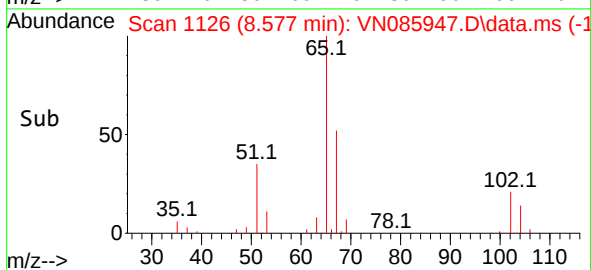
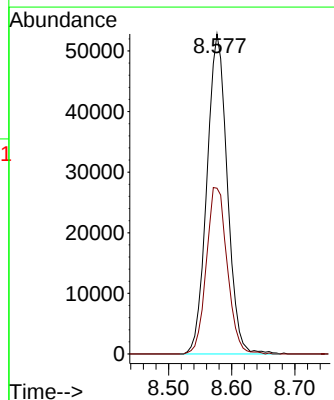
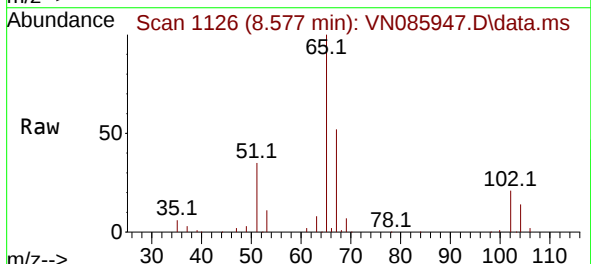
Instrument :
MSVOA_N
ClientSampleId :
ENV-105-SB01

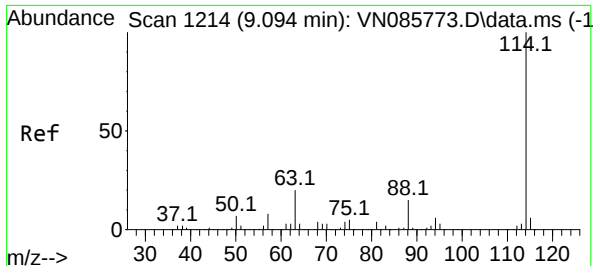
Tgt Ion: 84	Resp: 5536
Ion Ratio	Lower Upper
84 100	
49 98.7	88.4 132.6
51 41.5	26.6 40.0#
86 53.4	51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 59.277 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085947.D
Acq: 11 Mar 2025 21:29

Tgt Ion: 65	Resp: 118390
Ion Ratio	Lower Upper
65 100	
67 53.4	0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085947.D

Acq: 11 Mar 2025 21:29

Instrument :

MSVOA_N

ClientSampleId :

ENV-105-SB01

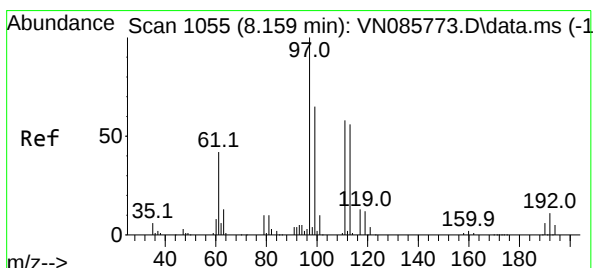
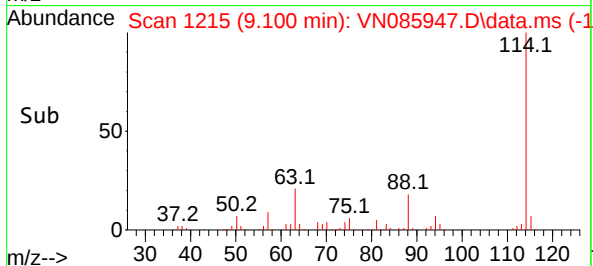
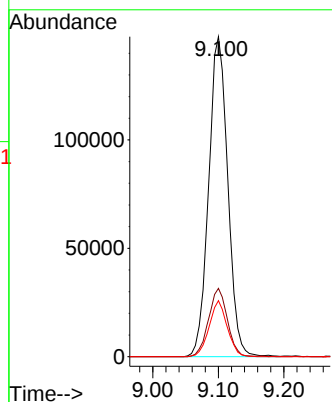
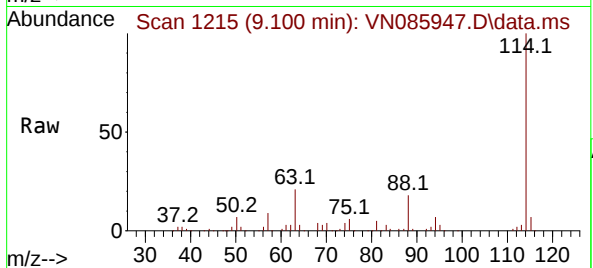
Tgt Ion:114 Resp: 299260

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.2

88 17.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 50.965 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085947.D

Acq: 11 Mar 2025 21:29

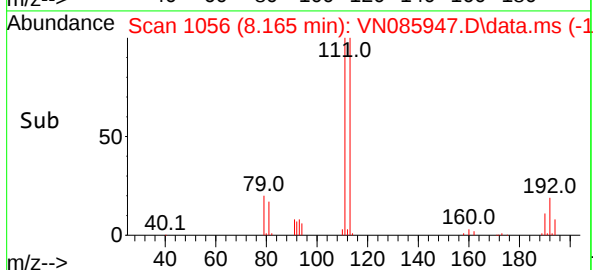
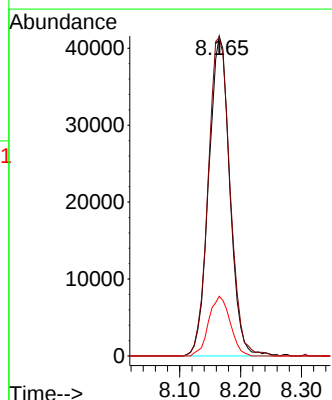
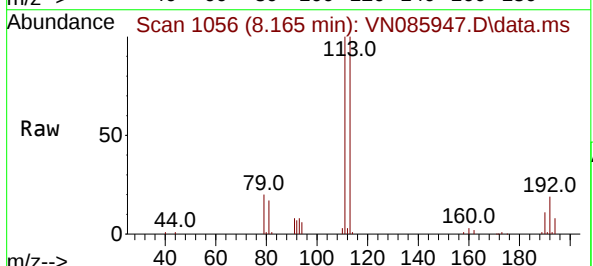
Tgt Ion:113 Resp: 99800

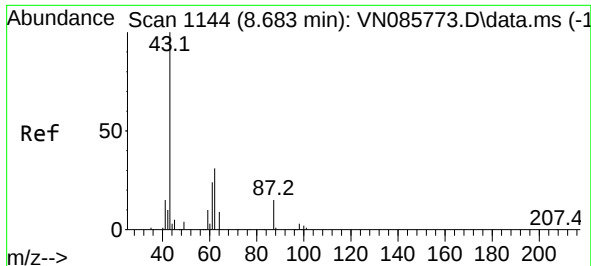
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 19.0 14.7 22.1

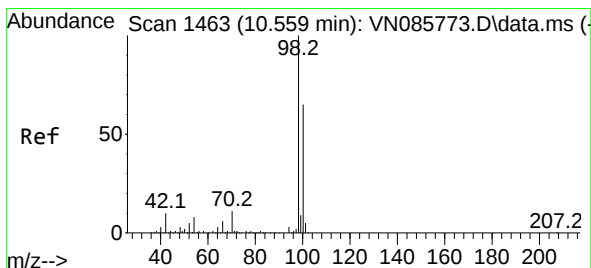
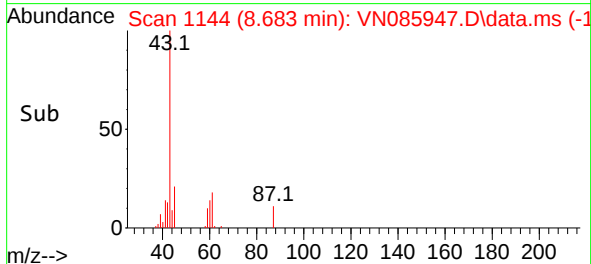
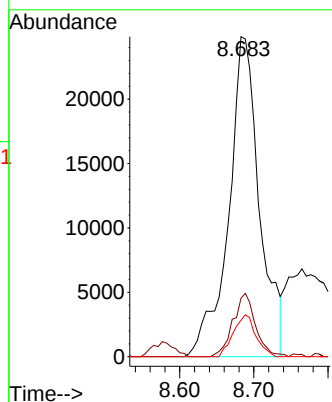
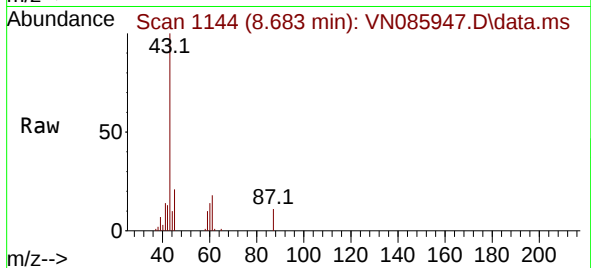




#43
Isopropyl Acetate
Concen: 17.605 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085947.D
Acq: 11 Mar 2025 21:29

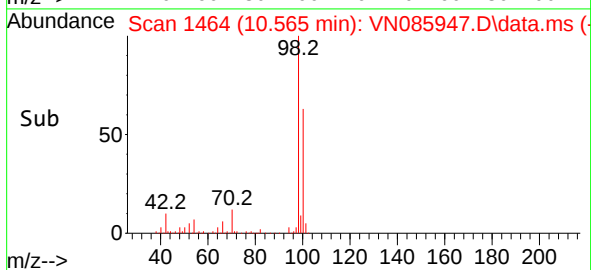
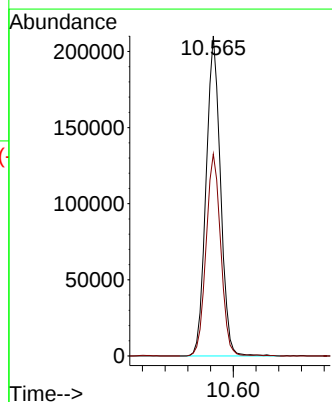
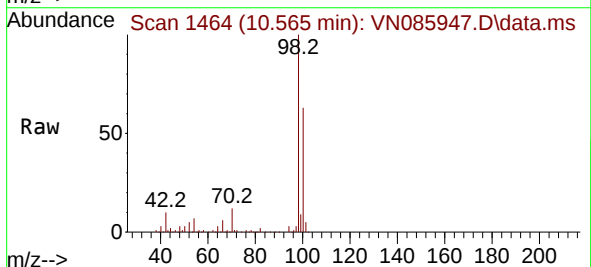
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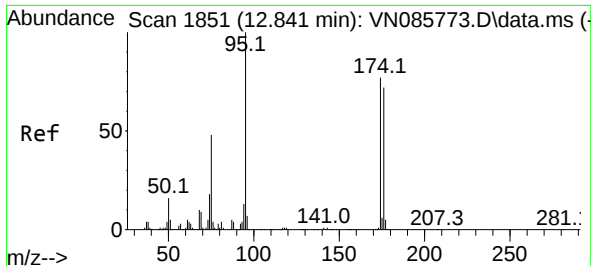
Tgt Ion: 43 Resp: 71882
Ion Ratio Lower Upper
43 100
61 14.5 22.6 34.0#
87 9.5 11.8 17.8#



#50
Toluene-d8
Concen: 51.733 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085947.D
Acq: 11 Mar 2025 21:29

Tgt Ion: 98 Resp: 368578
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

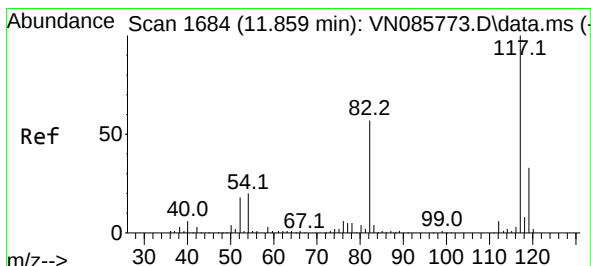
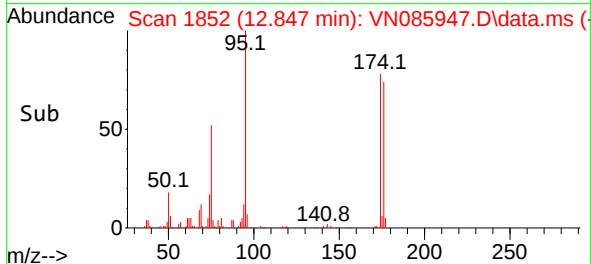
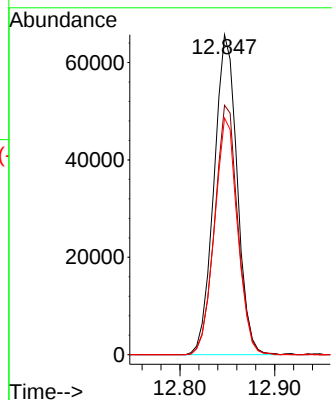
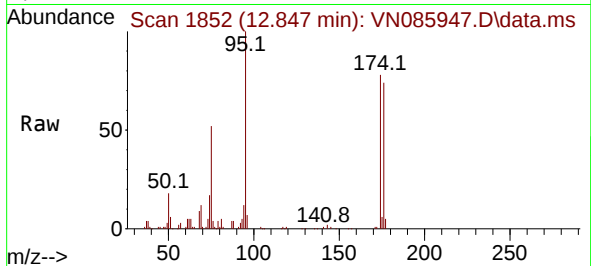




#62
4-Bromofluorobenzene
Concen: 47.509 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085947.D
Acq: 11 Mar 2025 21:29

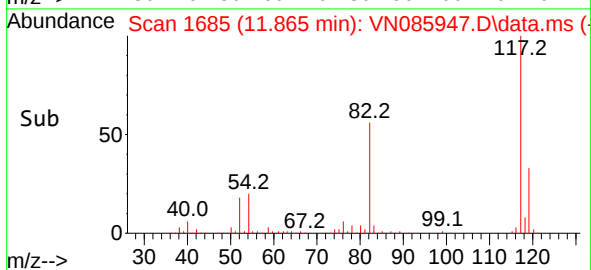
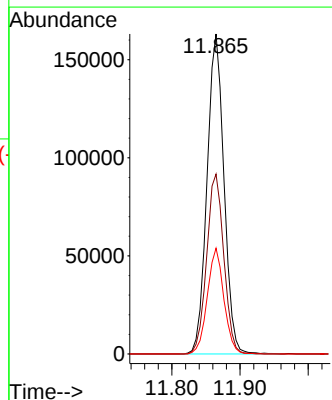
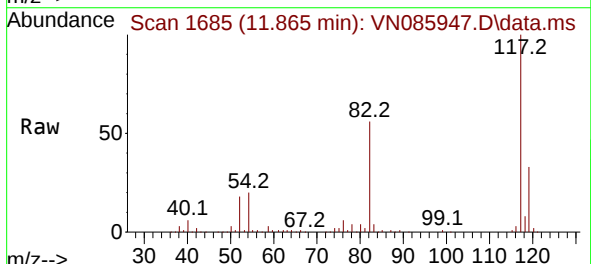
Instrument :
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ENV-105-SB01

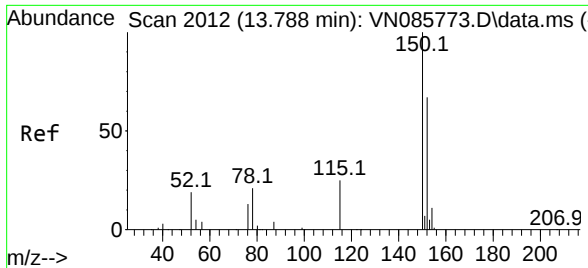
Tgt Ion: 95 Resp: 111523
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.4
176 73.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085947.D
Acq: 11 Mar 2025 21:29

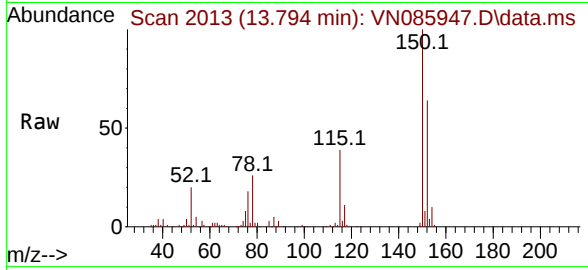
Tgt Ion: 117 Resp: 282311
Ion Ratio Lower Upper
117 100
82 56.2 45.7 68.5
119 33.1 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085947.D
 Acq: 11 Mar 2025 21:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ENV-105-SB01



Tgt Ion:	152	Resp:	99543
Ion Ratio	Lower	Upper	
152	100		
115	62.0	30.4	91.3
150	159.8	0.0	345.4

