

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085749.D
 Acq On : 11 Feb 2025 16:50
 Operator : JC\MD
 Sample : Q1343-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-9

Quant Time: Feb 11 23:21:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

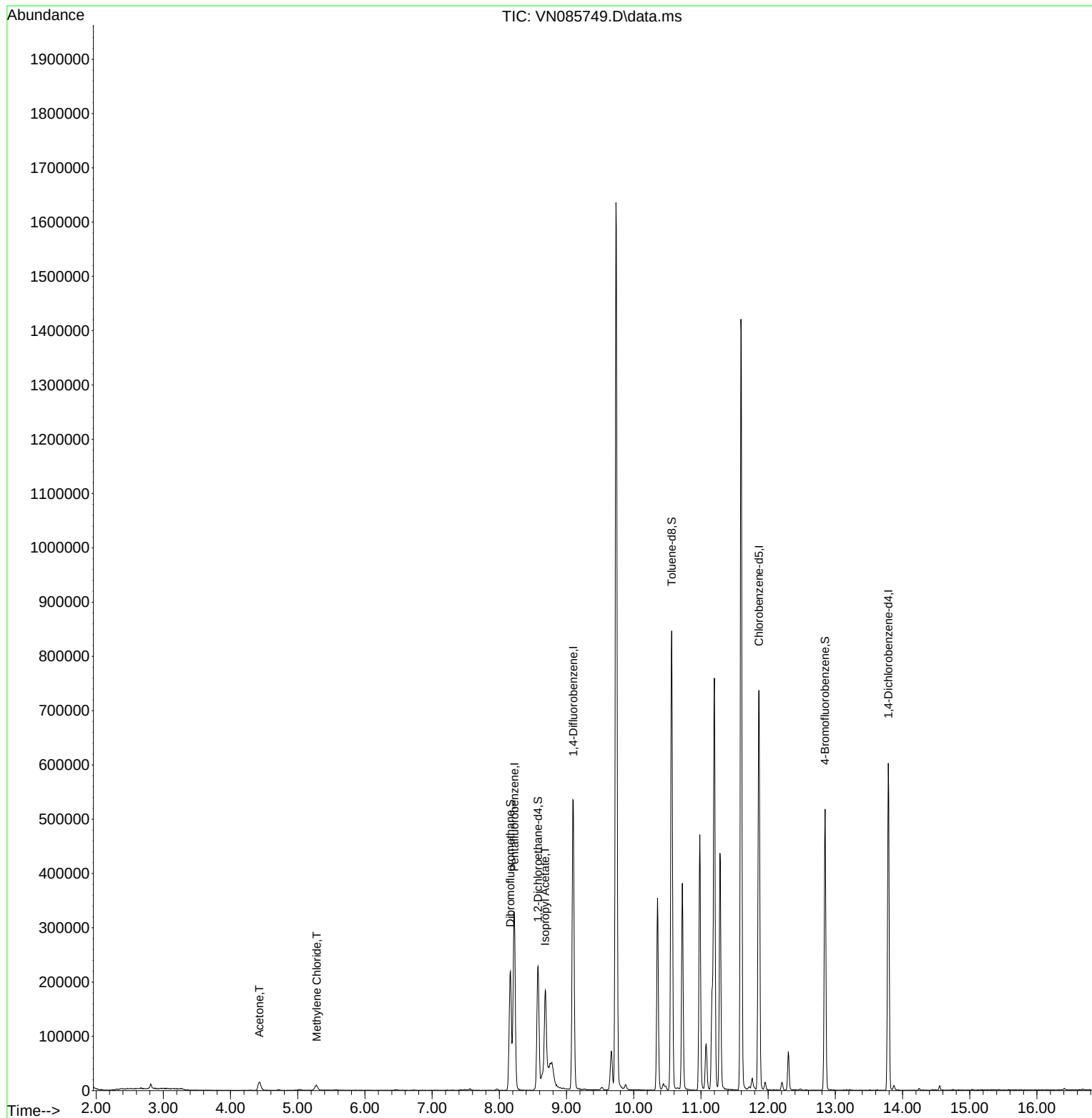
Internal Standards						
1) Pentafluorobenzene	8.224	168	232143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	463261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	432222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	194428	51.885	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.780%		
35) Dibromofluoromethane	8.165	113	157965	49.151	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.300%		
50) Toluene-d8	10.565	98	598105	52.379	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.760%		
62) 4-Bromofluorobenzene	12.847	95	173712	44.472	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 88.940%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	31169	25.743	ug/l	98
20) Methylene Chloride	5.283	84	7122	2.376	ug/l #	68
43) Isopropyl Acetate	8.683	43	243420	33.367	ug/l #	83

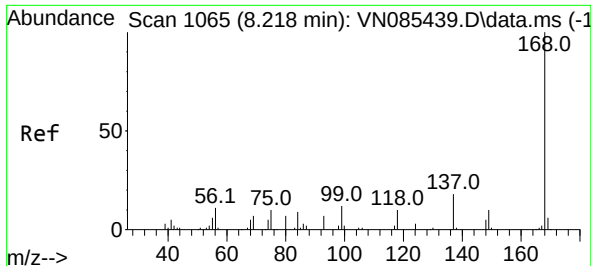
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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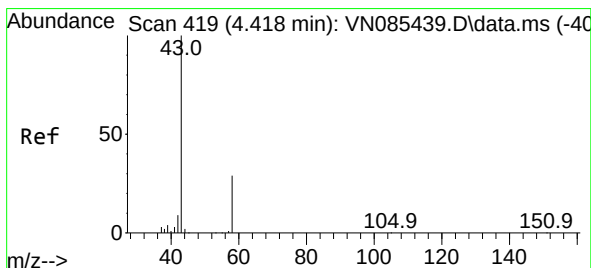
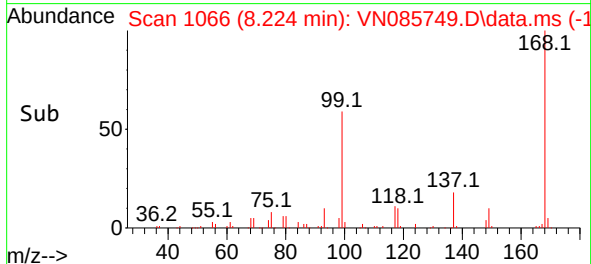
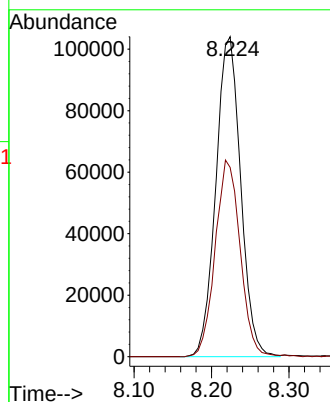
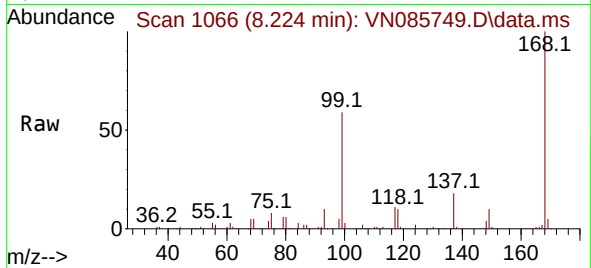




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085749.D
Acq: 11 Feb 2025 16:50

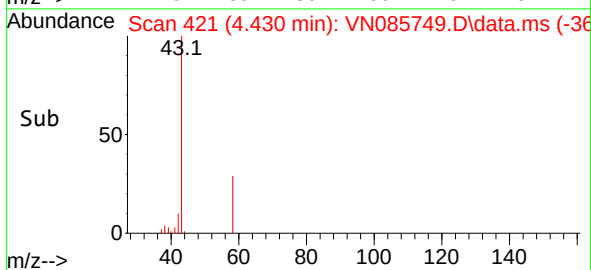
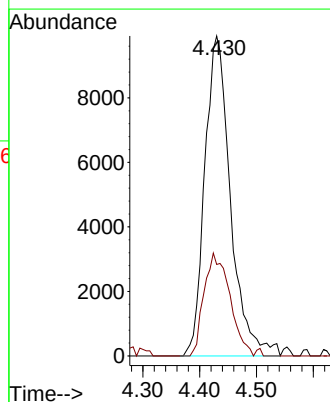
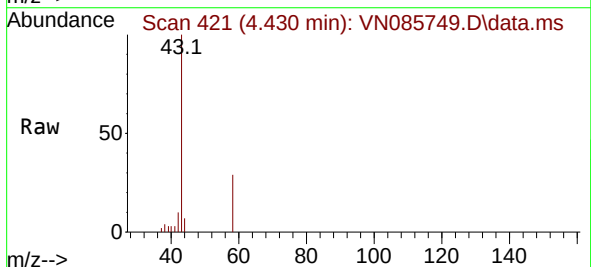
Instrument :
MSVOA_N
ClientSampleId :
WC-9

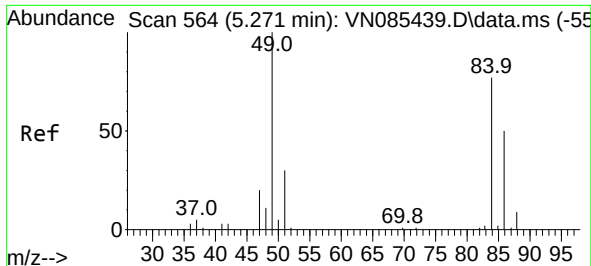
Tgt Ion:168 Resp: 232143
Ion Ratio Lower Upper
168 100
99 59.2 53.6 80.4



#16
Acetone
Concen: 25.743 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085749.D
Acq: 11 Feb 2025 16:50

Tgt Ion: 43 Resp: 31169
Ion Ratio Lower Upper
43 100
58 28.6 23.8 35.6

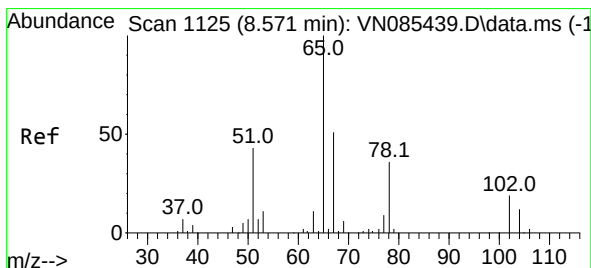
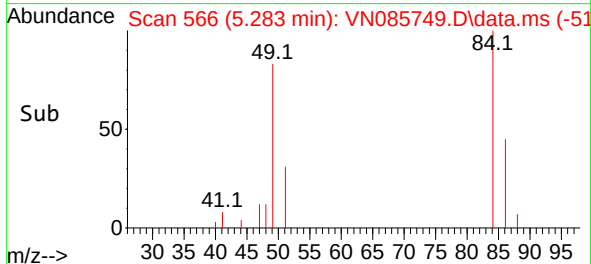
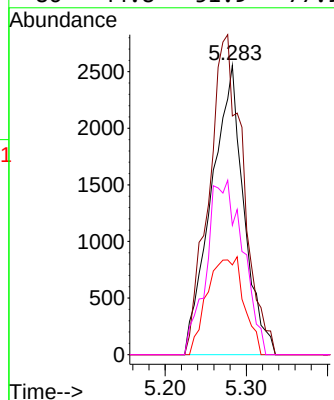
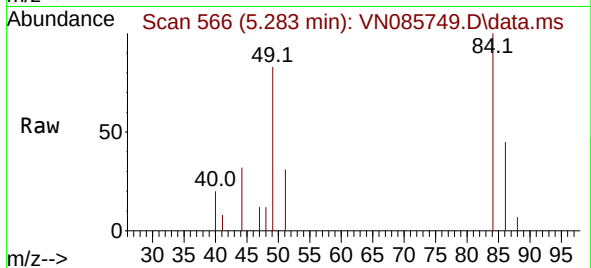




#20
Methylene Chloride
Concen: 2.376 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085749.D
Acq: 11 Feb 2025 16:50

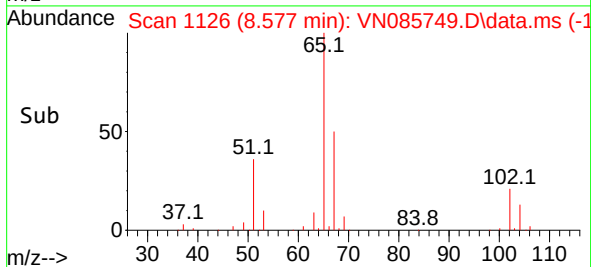
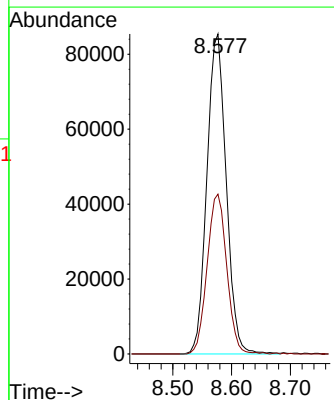
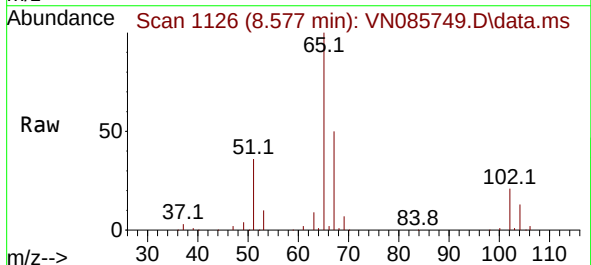
Instrument :
MSVOA_N
ClientSampleId :
WC-9

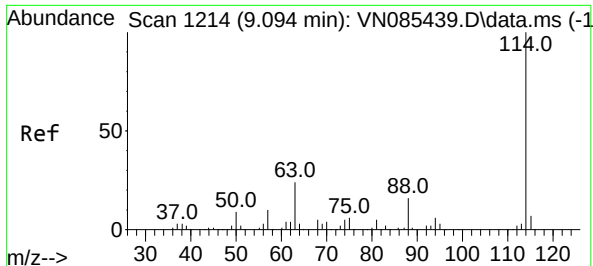
Tgt Ion: 84 Resp: 7122
Ion Ratio Lower Upper
84 100
49 82.5 104.1 156.1#
51 31.0 31.0 46.4
86 44.8 51.9 77.9#



#33
1,2-Dichloroethane-d4
Concen: 51.885 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085749.D
Acq: 11 Feb 2025 16:50

Tgt Ion: 65 Resp: 194428
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085749.D

Acq: 11 Feb 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

WC-9

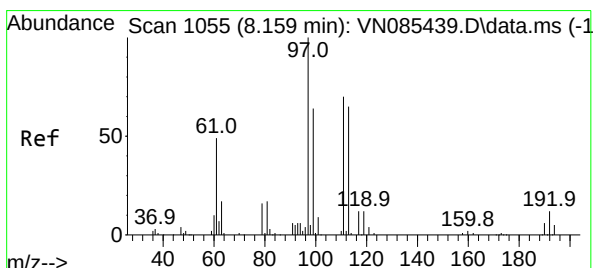
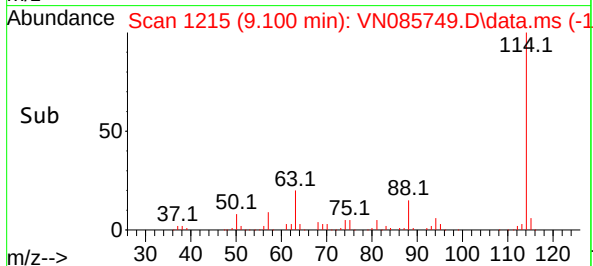
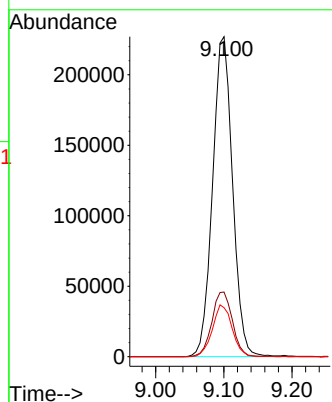
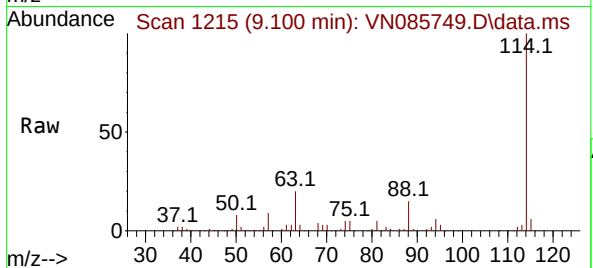
Tgt Ion:114 Resp: 463261

Ion Ratio Lower Upper

114 100

63 20.2 0.0 47.6

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.151 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085749.D

Acq: 11 Feb 2025 16:50

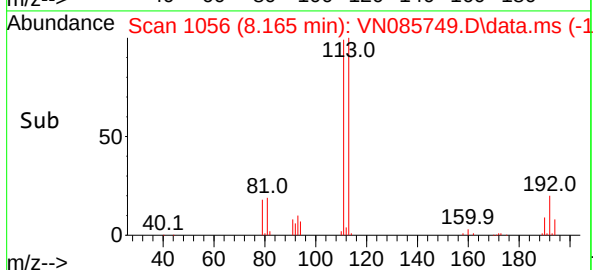
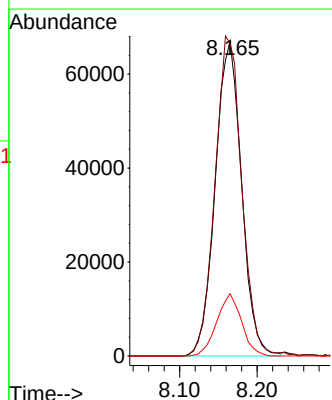
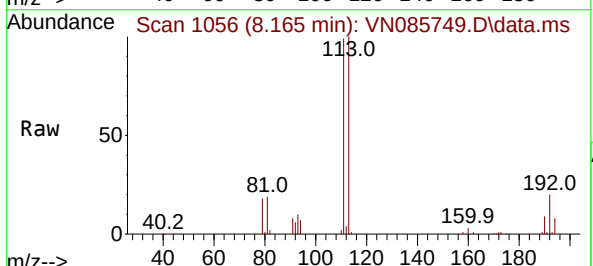
Tgt Ion:113 Resp: 157965

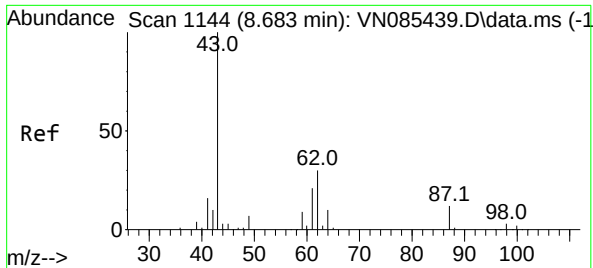
Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

192 18.6 14.3 21.5

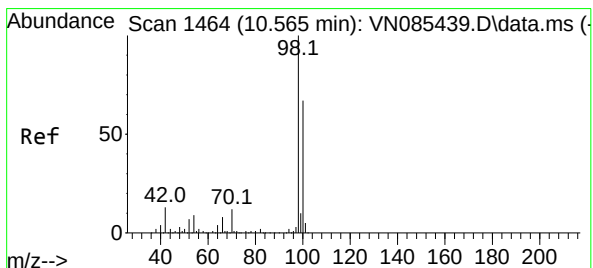
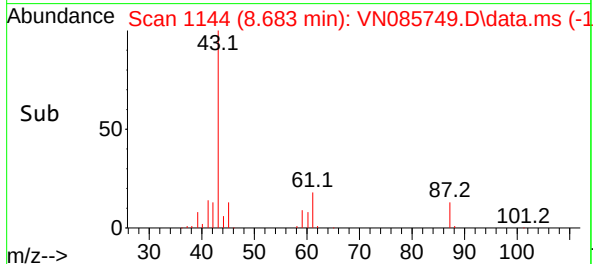
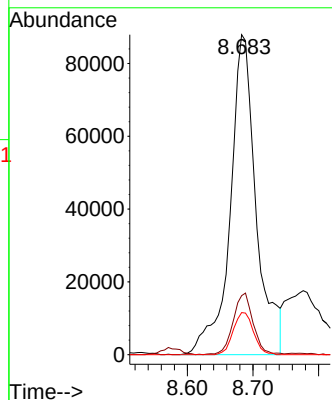
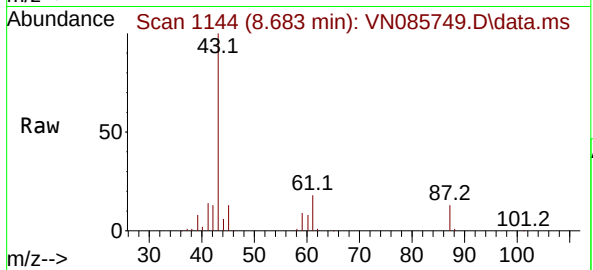




#43
Isopropyl Acetate
Concen: 33.367 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085749.D
Acq: 11 Feb 2025 16:50

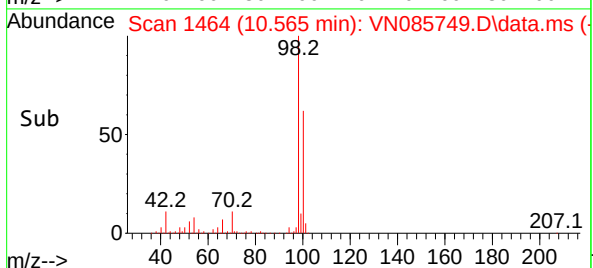
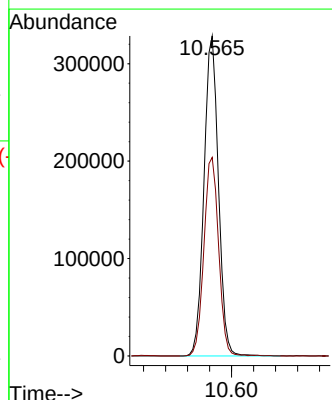
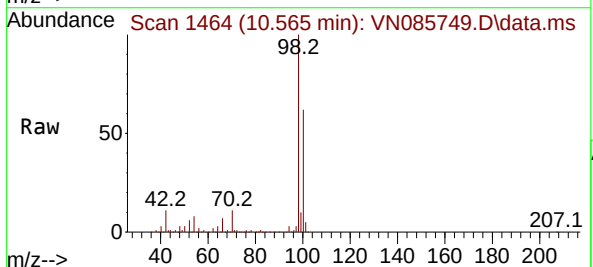
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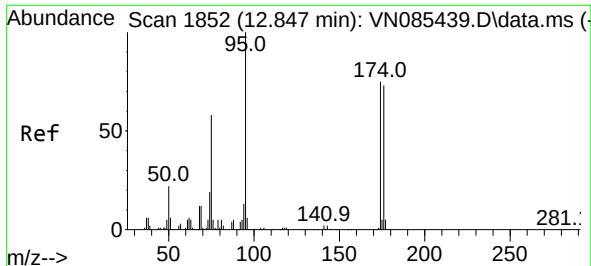
Tgt Ion: 43 Resp: 243420
Ion Ratio Lower Upper
43 100
61 14.8 20.7 31.1#
87 10.2 9.8 14.8



#50
Toluene-d8
Concen: 52.379 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085749.D
Acq: 11 Feb 2025 16:50

Tgt Ion: 98 Resp: 598105
Ion Ratio Lower Upper
98 100
100 63.2 52.2 78.4

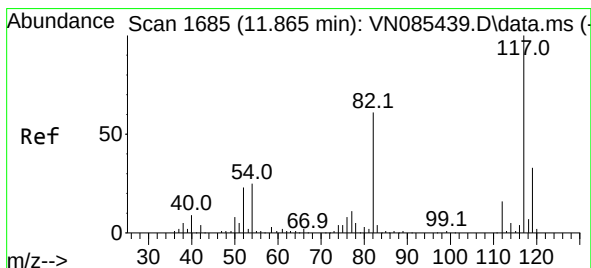
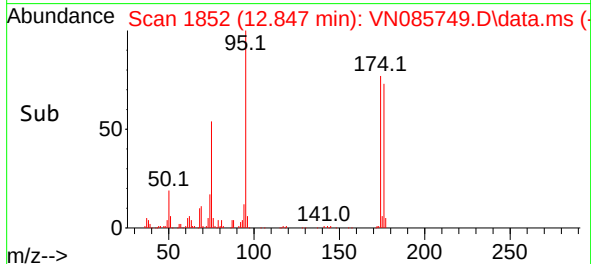
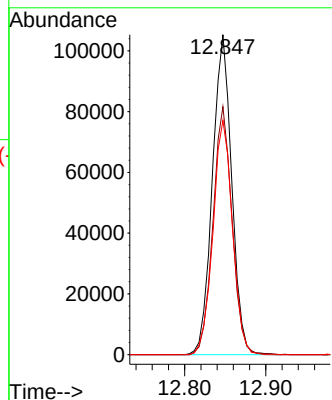
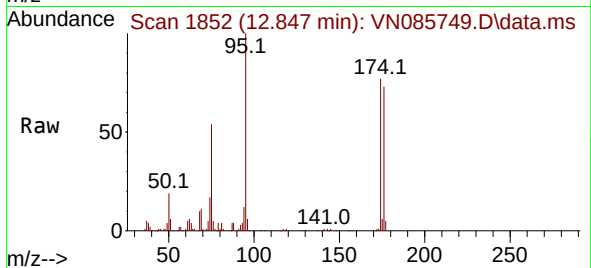




#62
4-Bromofluorobenzene
Concen: 44.472 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085749.D
Acq: 11 Feb 2025 16:50

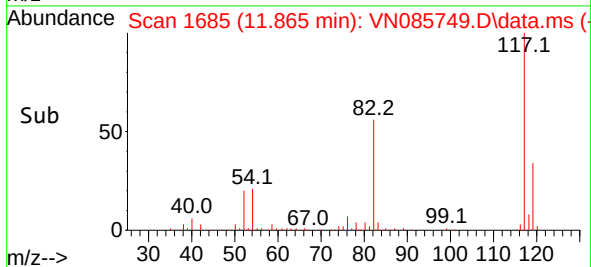
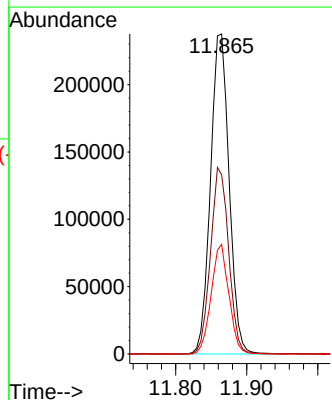
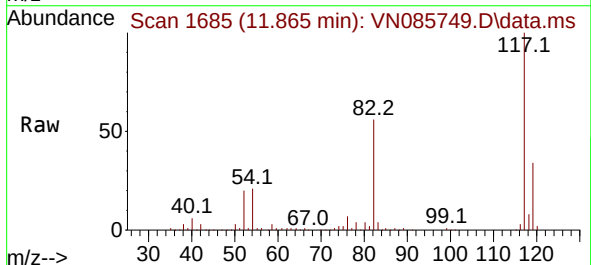
Instrument :
MSVOA_N
ClientSampleId :
WC-9

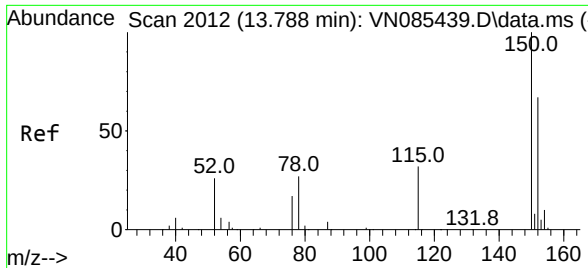
Tgt Ion: 95 Resp: 173712
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 74.1 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085749.D
Acq: 11 Feb 2025 16:50

Tgt Ion: 117 Resp: 432222
Ion Ratio Lower Upper
117 100
82 56.0 48.6 72.8
119 34.3 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085749.D
 Acq: 11 Feb 2025 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-9

Tgt Ion:152	Resp:	160912
Ion	Ratio	Lower Upper
152	100	
115	60.9	31.1 93.3
150	156.4	0.0 343.6

