

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086060.D
 Acq On : 21 Mar 2025 23:19
 Operator : JC\MD
 Sample : Q1606-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT28607

Quant Time: Mar 22 00:00:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

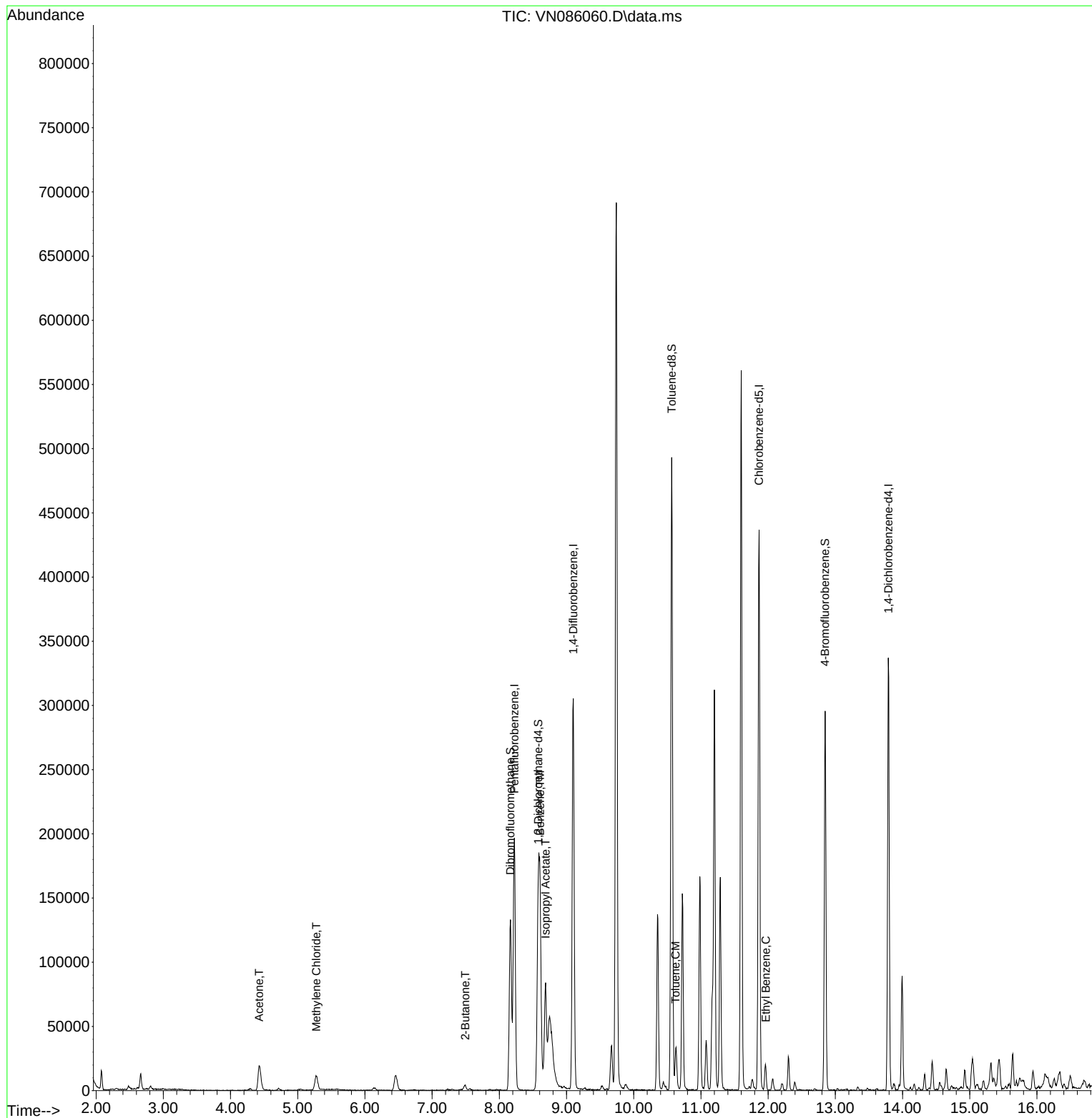
Internal Standards						
1) Pentafluorobenzene	8.224	168	142209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113247	58.155	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 116.320%		
35) Dibromofluoromethane	8.165	113	94276	50.421	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.840%		
50) Toluene-d8	10.565	98	347330	51.183	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.360%		
62) 4-Bromofluorobenzene	12.847	95	101628	41.994	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 83.980%		
Target Compounds						
						Qvalue
16) Acetone	4.424	43	36509	61.367	ug/l	99
20) Methylene Chloride	5.277	84	9623	5.529	ug/l	93
25) 2-Butanone	7.494	43	6978	8.129	ug/l #	88
40) Benzene	8.606	78	159625	20.653	ug/l	99
43) Isopropyl Acetate	8.688	43	100570	22.344	ug/l #	78
52) Toluene	10.624	92	14772	3.114	ug/l	100
67) Ethyl Benzene	11.965	91	11462	1.216	ug/l	98

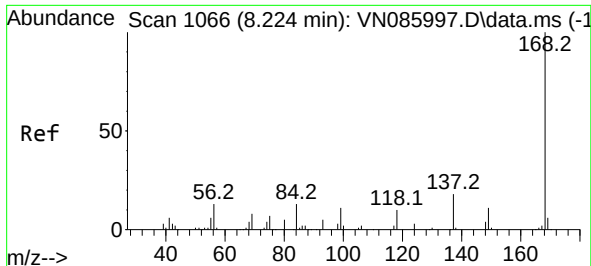
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086060.D
Acq On : 21 Mar 2025 23:19
Operator : JC\MD
Sample : Q1606-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CHRT28607

Quant Time: Mar 22 00:00:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

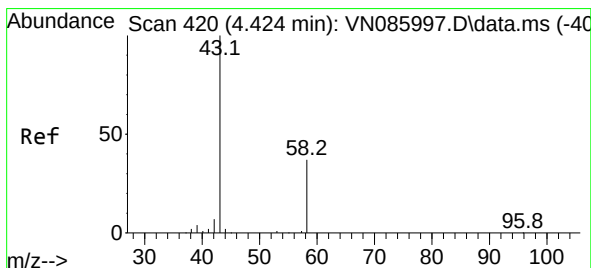
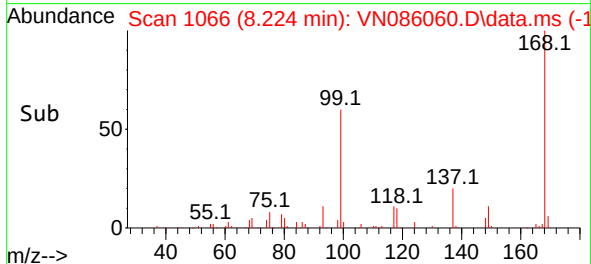
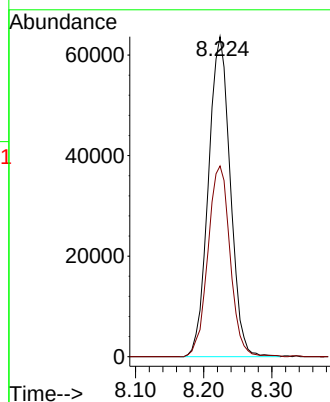
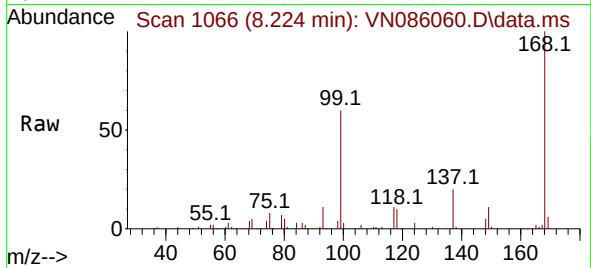




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086060.D
Acq: 21 Mar 2025 23:19

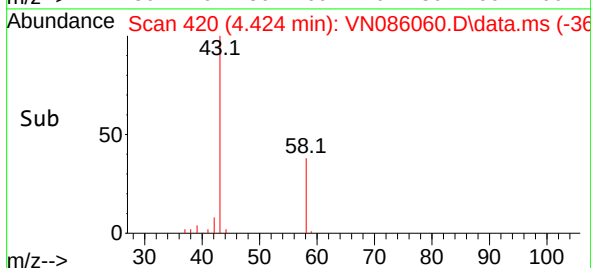
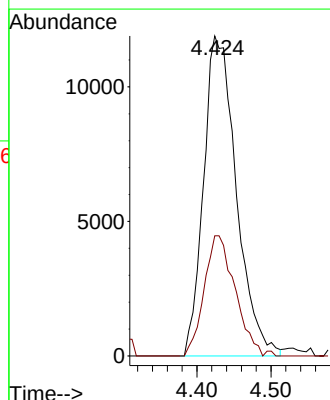
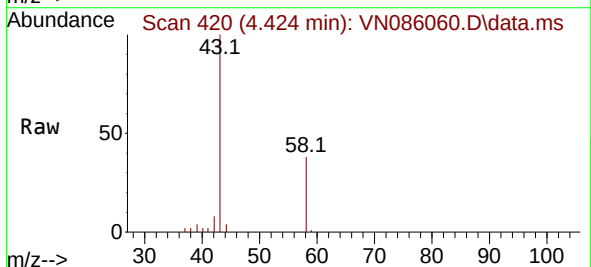
Instrument :
MSVOA_N
ClientSampleId :
CHRT28607

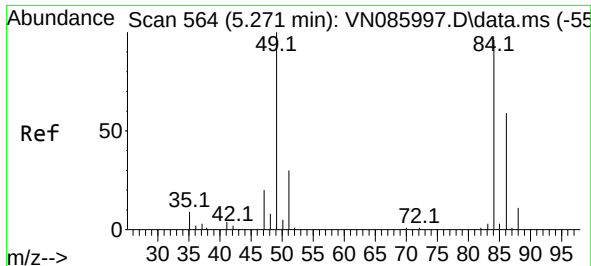
Tgt Ion:168 Resp: 142209
Ion Ratio Lower Upper
168 100
99 59.6 49.4 74.2



#16
Acetone
Concen: 61.367 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086060.D
Acq: 21 Mar 2025 23:19

Tgt Ion: 43 Resp: 36509
Ion Ratio Lower Upper
43 100
58 37.5 29.4 44.2

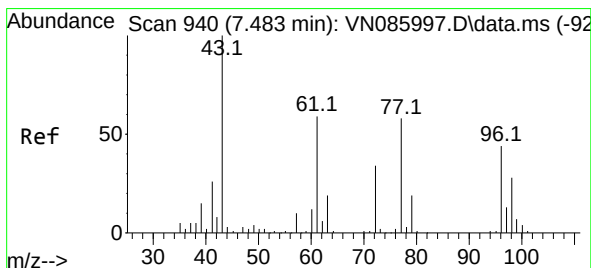
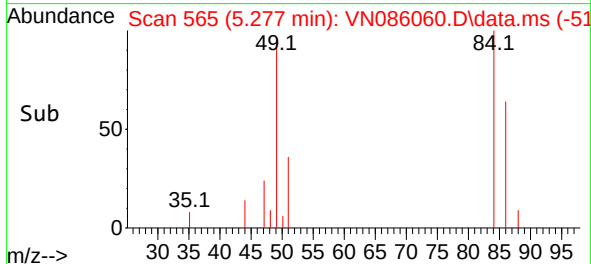
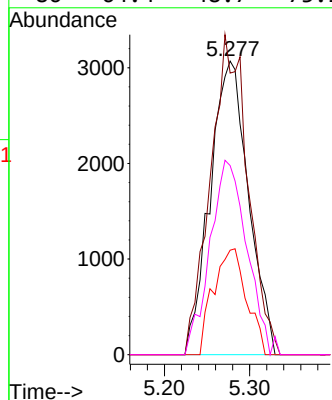
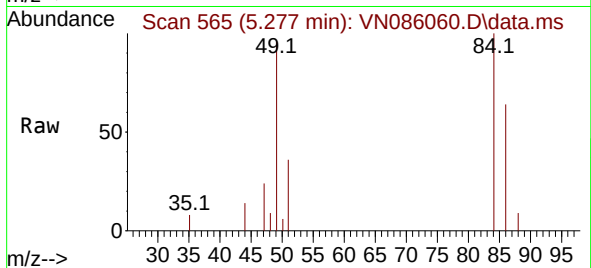




#20
Methylene Chloride
Concen: 5.529 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086060.D
Acq: 21 Mar 2025 23:19

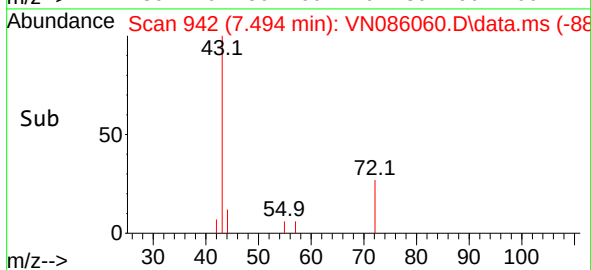
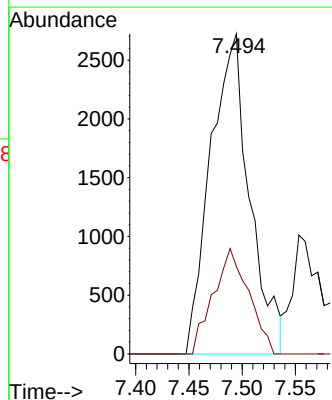
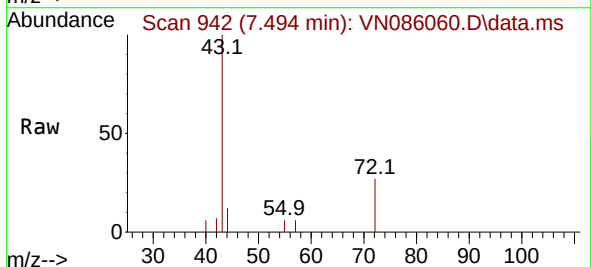
Instrument :
MSVOA_N
ClientSampleId :
CHRT28607

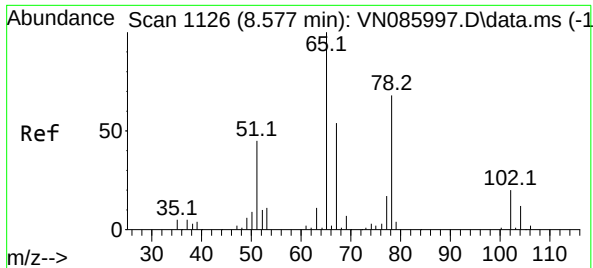
Tgt Ion: 84	Resp: 9623
Ion Ratio	Lower Upper
84 100	
49 95.9	83.3 124.9
51 35.6	24.8 37.2
86 64.4	48.7 73.1



#25
2-Butanone
Concen: 8.129 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN086060.D
Acq: 21 Mar 2025 23:19

Tgt Ion: 43	Resp: 6978		
Ion Ratio	Lower	Upper	
43 100			
72 27.3	27.4	41.0#	

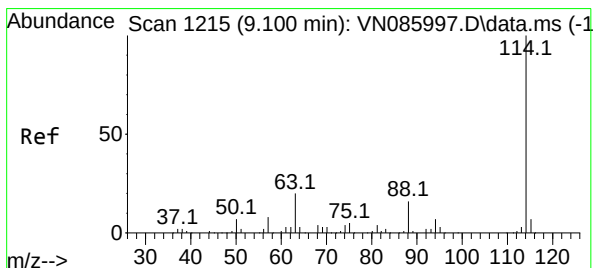
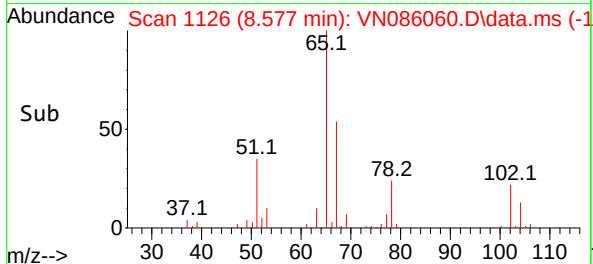
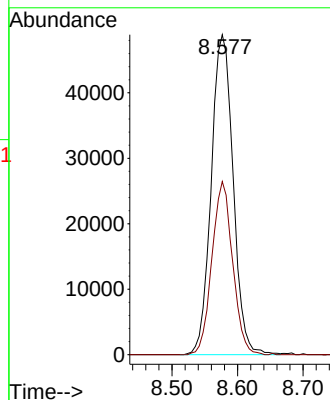
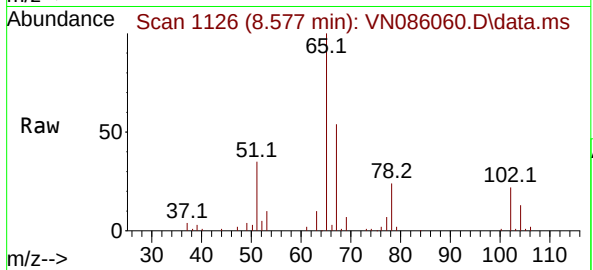




#33
 1,2-Dichloroethane-d4
 Concen: 58.155 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086060.D
 Acq: 21 Mar 2025 23:19

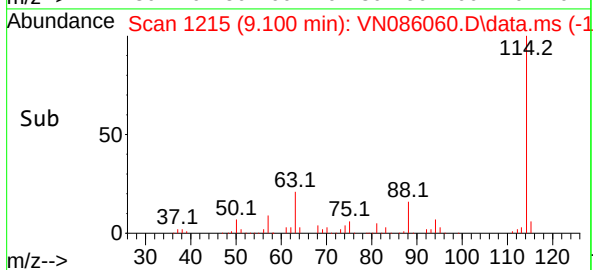
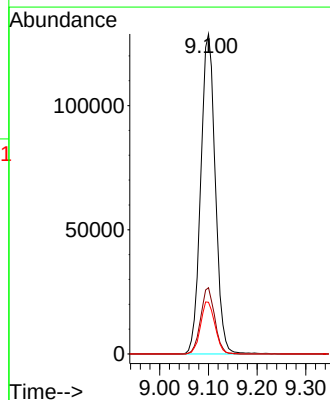
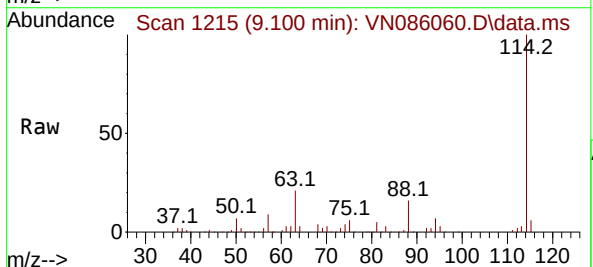
Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT28607

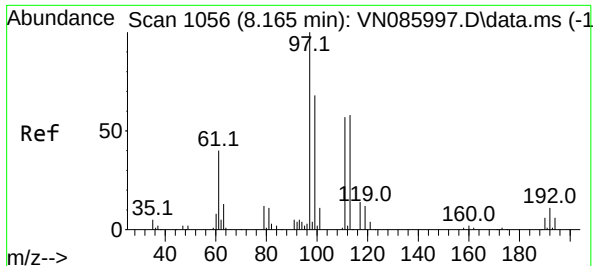
Tgt Ion: 65 Resp: 113247
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086060.D
 Acq: 21 Mar 2025 23:19

Tgt Ion: 114 Resp: 267881
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN086060.D

Acq: 21 Mar 2025 23:19

Instrument :

MSVOA_N

ClientSampleId :

CHRT28607

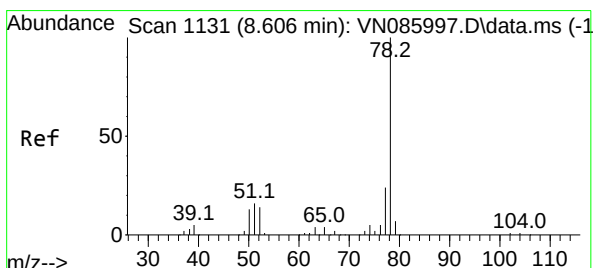
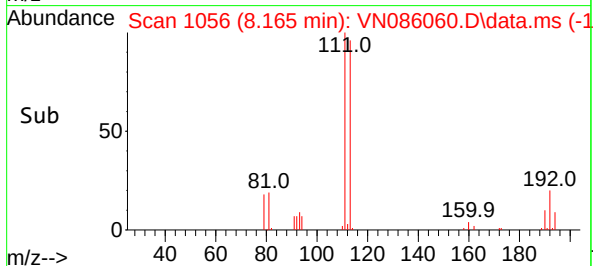
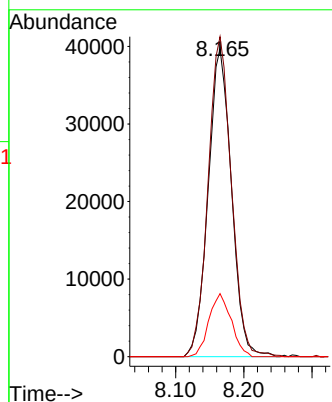
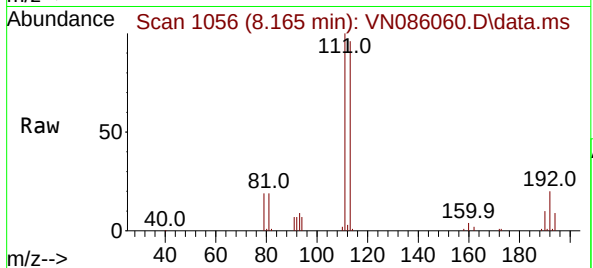
Tgt Ion:113 Resp: 94276

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

192 19.6 15.9 23.9



#40

Benzene

Concen: 20.653 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086060.D

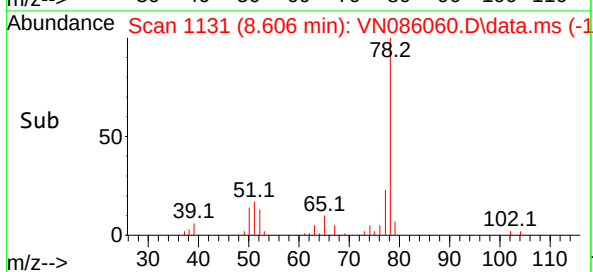
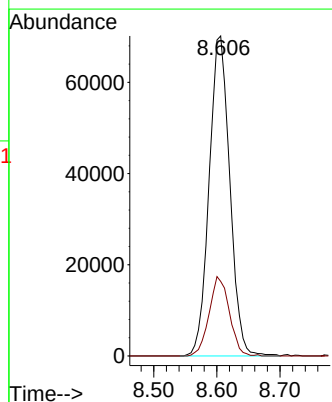
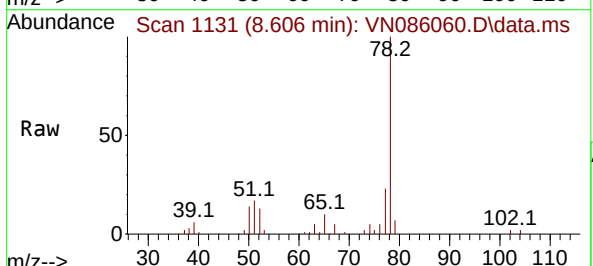
Acq: 21 Mar 2025 23:19

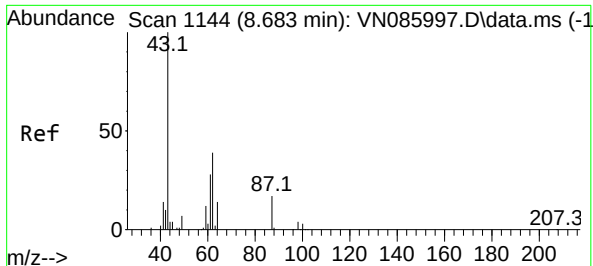
Tgt Ion: 78 Resp: 159625

Ion Ratio Lower Upper

78 100

77 23.3 18.9 28.3





#43

Isopropyl Acetate

Concen: 22.344 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086060.D

Acq: 21 Mar 2025 23:19

Instrument :

MSVOA_N

ClientSampleId :

CHRT28607

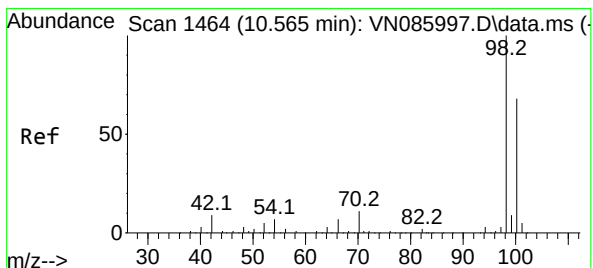
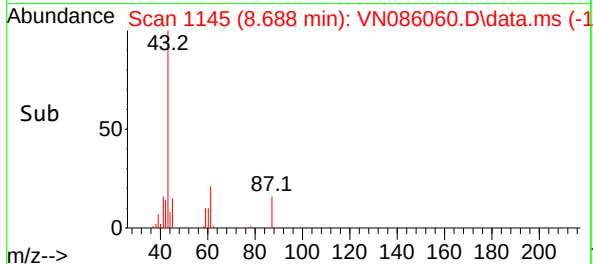
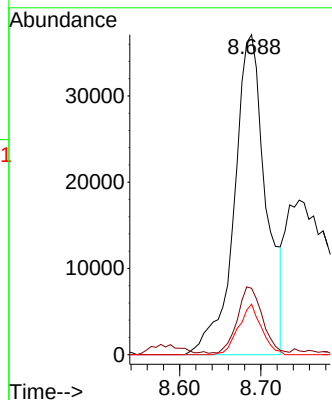
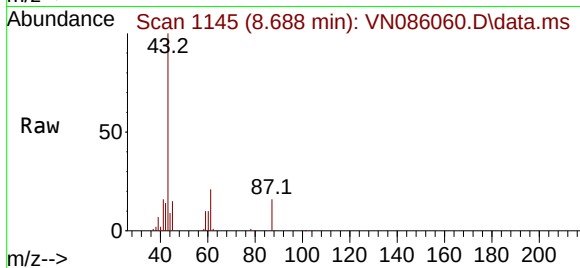
Tgt Ion: 43 Resp: 100570

Ion Ratio Lower Upper

43 100

61 16.4 25.0 37.6#

87 11.4 13.0 19.4#



#50

Toluene-d8

Concen: 51.183 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086060.D

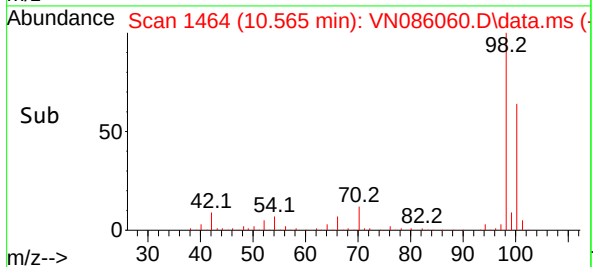
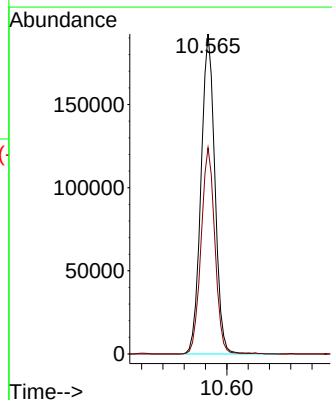
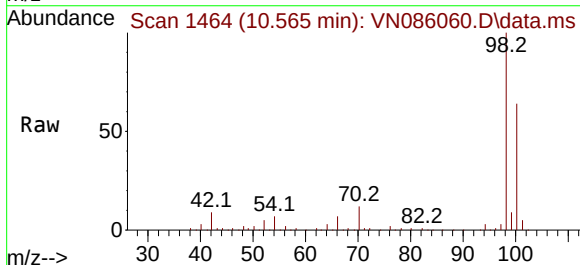
Acq: 21 Mar 2025 23:19

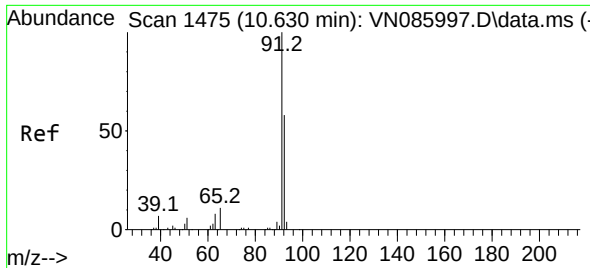
Tgt Ion: 98 Resp: 347330

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7

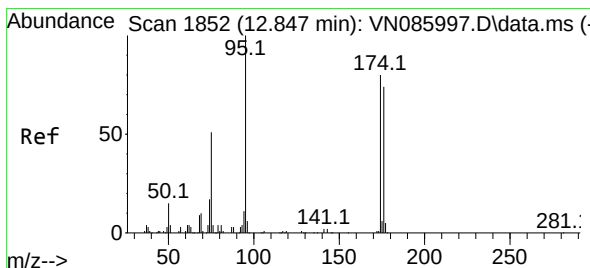
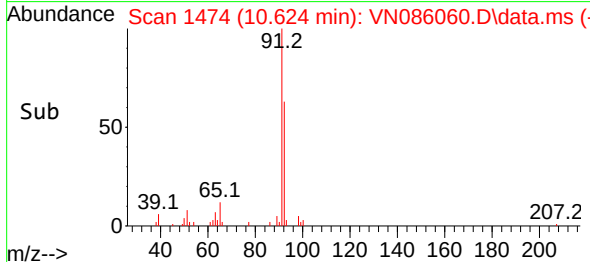
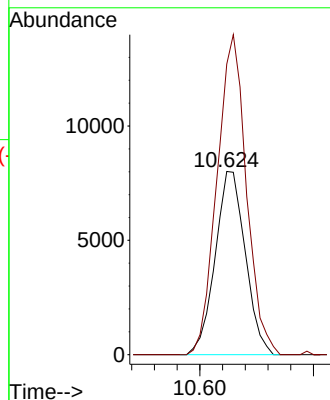
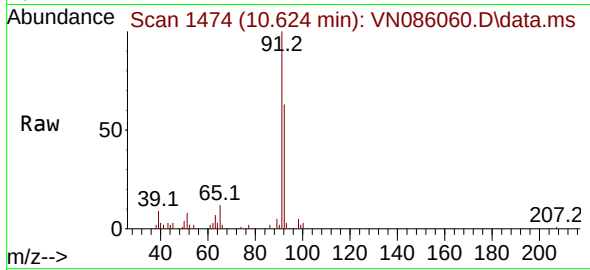




#52
Toluene
Concen: 3.114 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086060.D
Acq: 21 Mar 2025 23:19

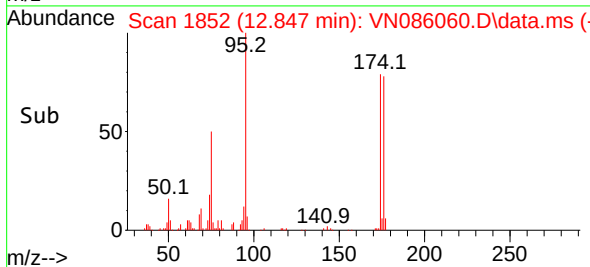
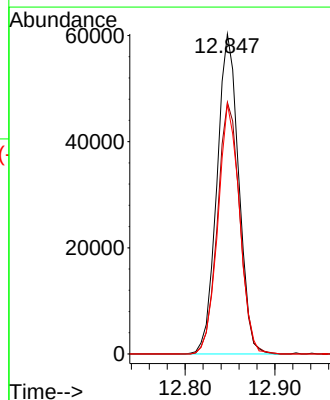
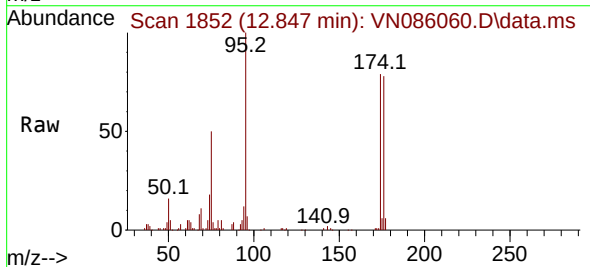
Instrument :
MSVOA_N
ClientSampleId :
CHRT28607

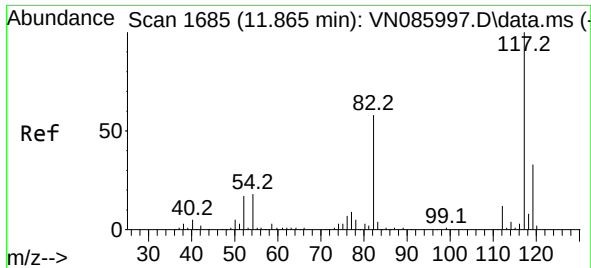
Tgt Ion: 92 Resp: 14772
Ion Ratio Lower Upper
92 100
91 170.1 136.2 204.4



#62
4-Bromofluorobenzene
Concen: 41.994 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086060.D
Acq: 21 Mar 2025 23:19

Tgt Ion: 95 Resp: 101628
Ion Ratio Lower Upper
95 100
174 80.0 0.0 156.8
176 77.6 0.0 152.2

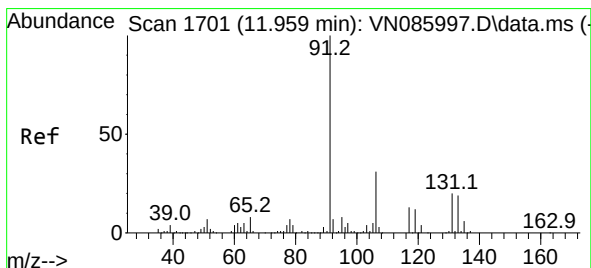
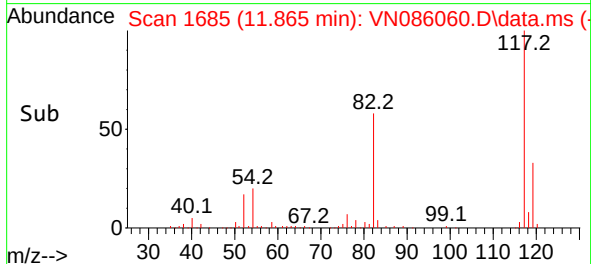
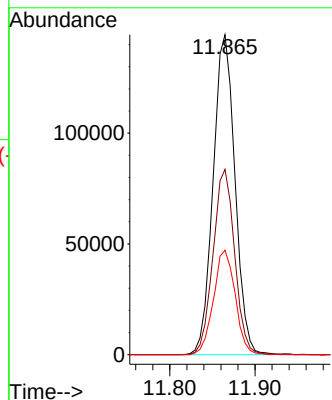
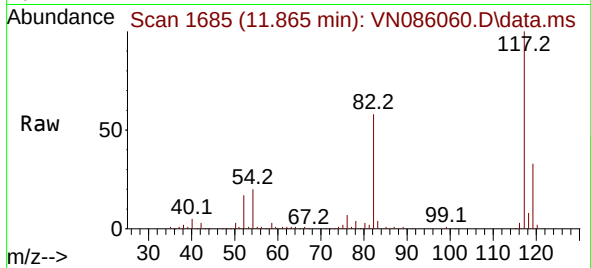




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086060.D
Acq: 21 Mar 2025 23:19

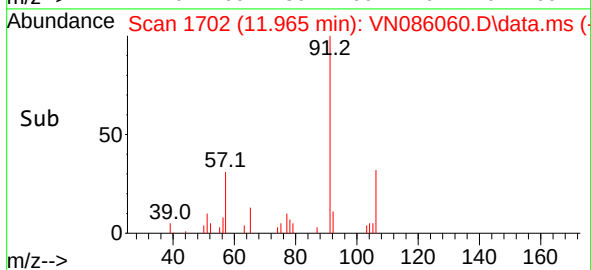
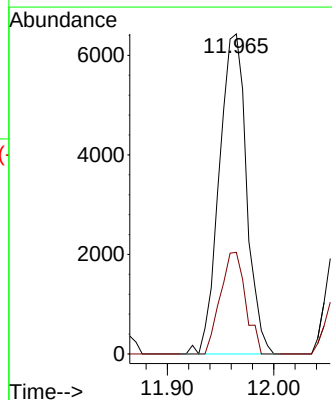
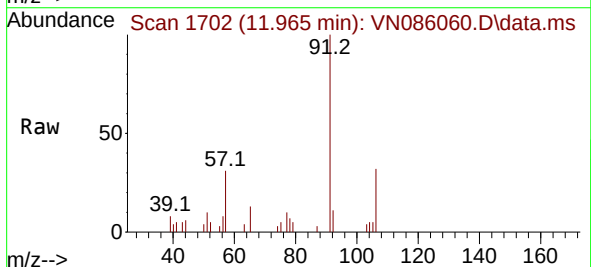
Instrument :
MSVOA_N
ClientSampleId :
CHRT28607

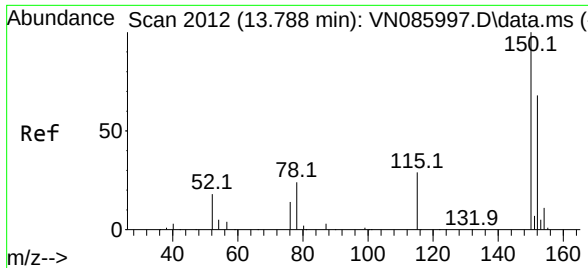
Tgt Ion:117 Resp: 257586
Ion Ratio Lower Upper
117 100
82 57.9 46.7 70.1
119 32.7 26.5 39.7



#67
Ethyl Benzene
Concen: 1.216 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN086060.D
Acq: 21 Mar 2025 23:19

Tgt Ion: 91 Resp: 11462
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086060.D
 Acq: 21 Mar 2025 23:19

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT28607

Tgt Ion:152 Resp: 97634
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.1 93.2
 150 154.7 0.0 359.6

