

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081697.D
 Acq On : 11 Apr 2024 15:26
 Operator : JC\MD
 Sample : P2075-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410059-04-TRIP-BLANK

Quant Time: Apr 12 06:02:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

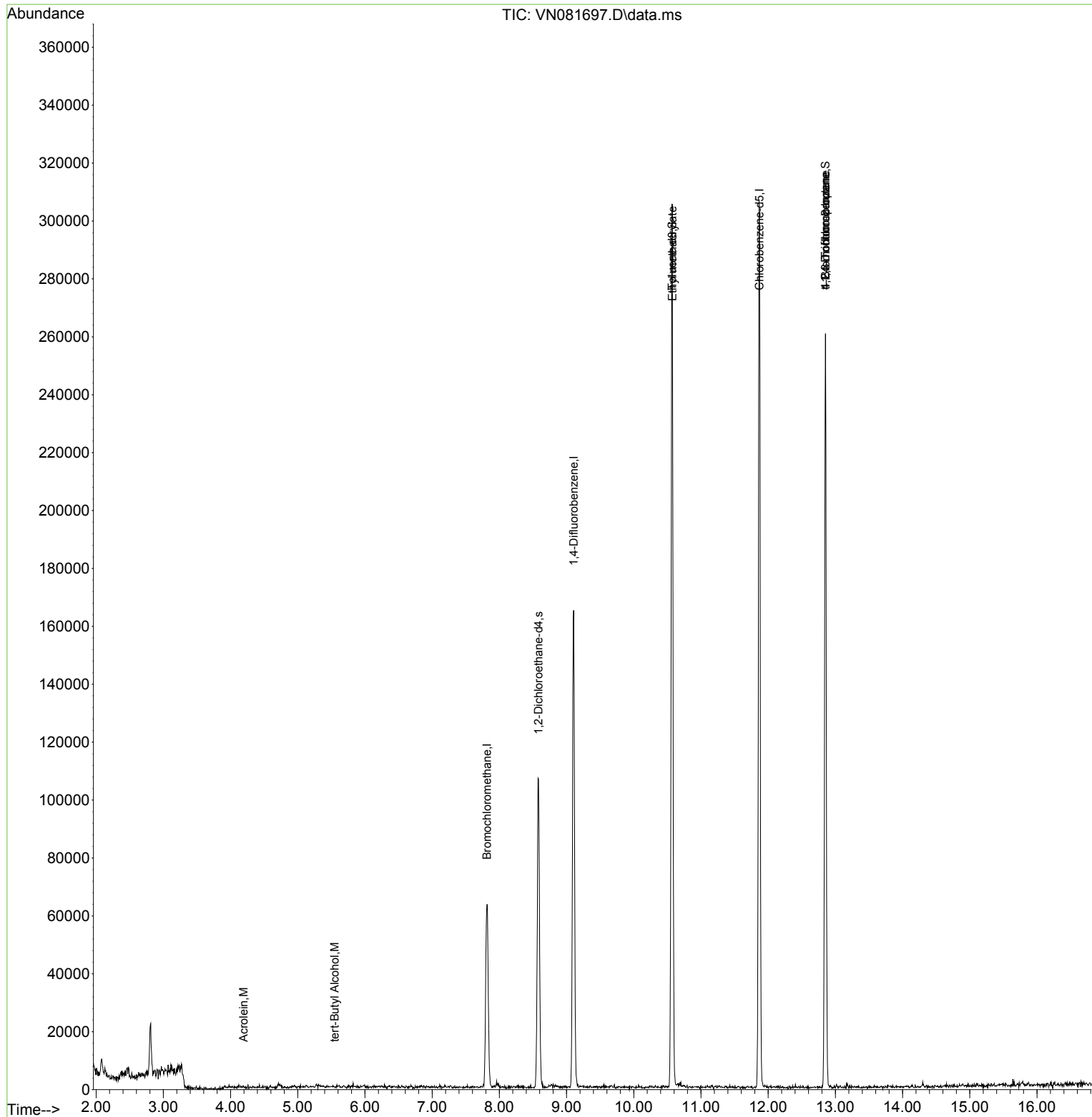
Internal Standards						
1) Bromochloromethane	7.818	128	23396	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	138528	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	179035	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	89754	31.228	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.100%
60) 4-Bromofluorobenzene	12.853	95	87364	24.820	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.733%
63) Toluene-d8	10.570	98	209780	29.211	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.367%
Target Compounds						
					Qvalue	
13) Acrolein	4.194	56	130	0.357	ug/l #	15
23) tert-Butyl Alcohol	5.547	59	133	0.272	ug/l #	100
51) Ethyl methacrylate	10.576	69	1040	0.256	ug/l #	63
72) 1,2,3-Trichloropropane	12.853	75	46950	14.450	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	46950	34.893	ug/l #	12

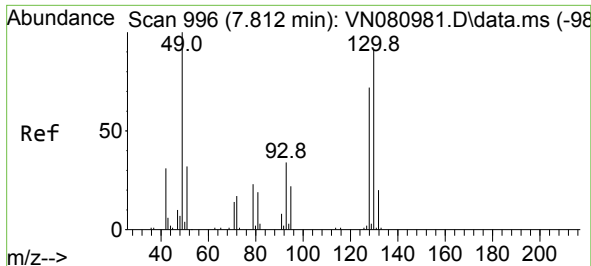
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 12 06:02:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration

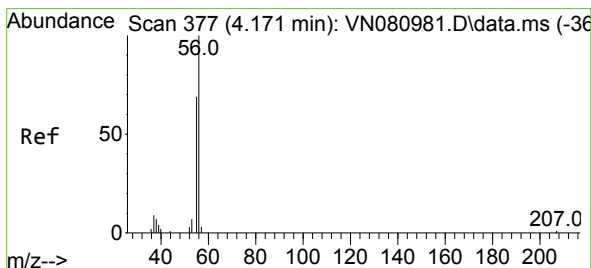
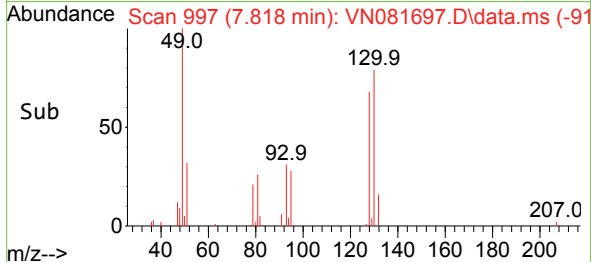
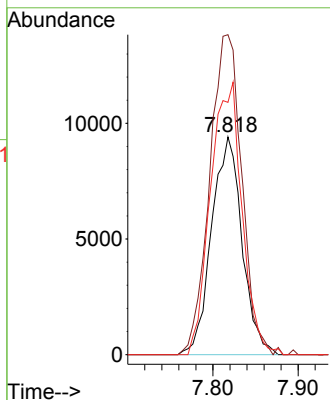
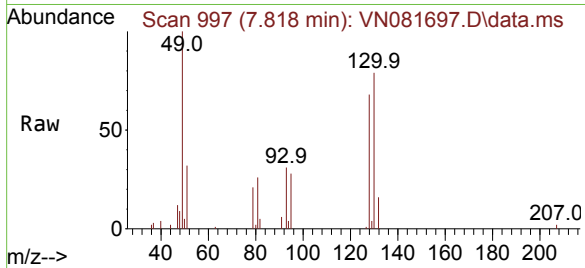




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081697.D
Acq: 11 Apr 2024 15:26

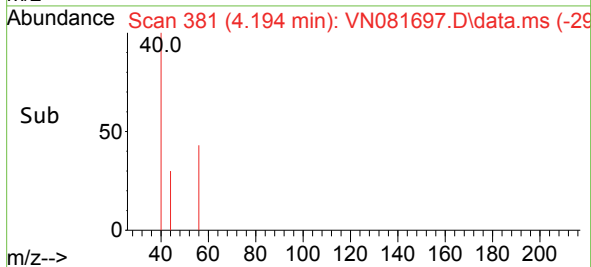
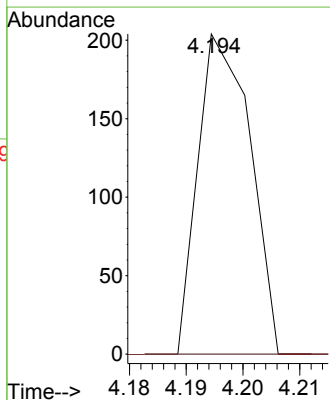
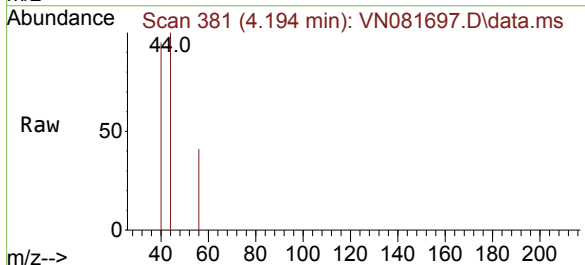
Instrument :
MSVOA_N
ClientSampleId :
240410059-04-TRIP-BLANK

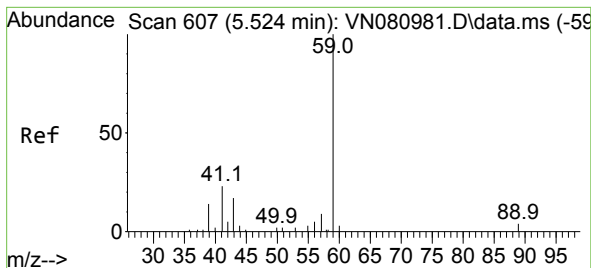
Tgt Ion	Ratio	Lower	Upper
128	100		
49	154.5	0.0	403.7
130	129.5	0.0	323.3



#13
Acrolein
Concen: 0.357 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN081697.D
Acq: 11 Apr 2024 15:26

Tgt Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.5	83.3#





#23

tert-Butyl Alcohol

Concen: 0.272 ug/l

RT: 5.547 min Scan# 611

Delta R.T. 0.035 min

Lab File: VN081697.D

Acq: 11 Apr 2024 15:26

Instrument :

MSVOA_N

ClientSampleId :

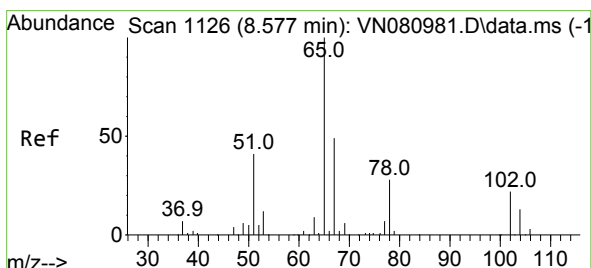
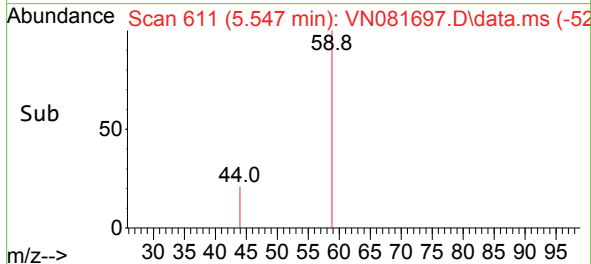
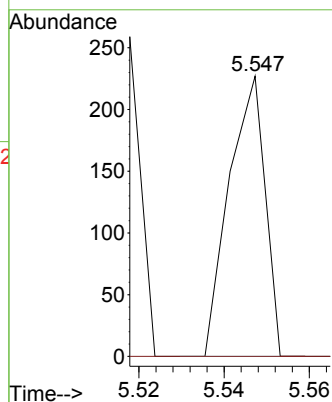
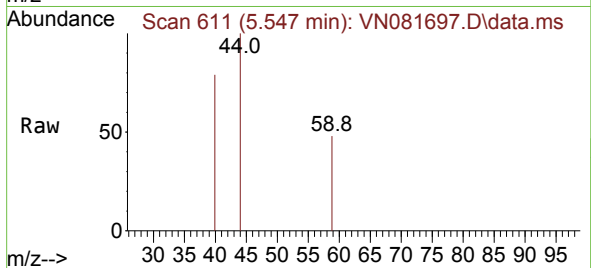
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Tgt Ion: 59 Resp: 133

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#27

1,2-Dichloroethane-d4

Concen: 31.228 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN081697.D

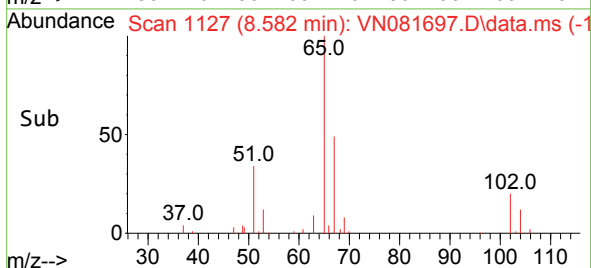
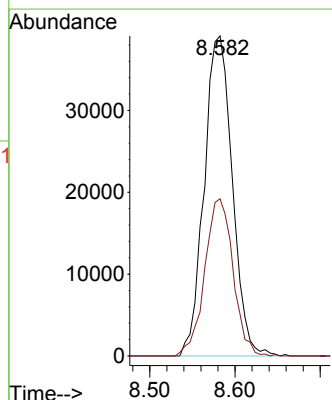
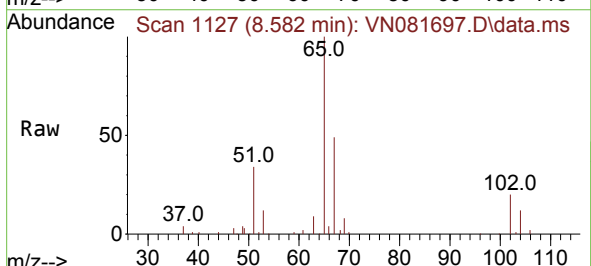
Acq: 11 Apr 2024 15:26

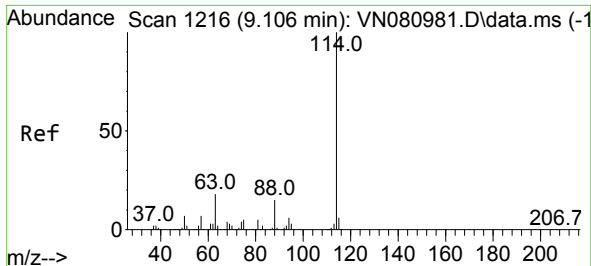
Tgt Ion: 65 Resp: 89754

Ion Ratio Lower Upper

65 100

67 49.4 43.2 64.8

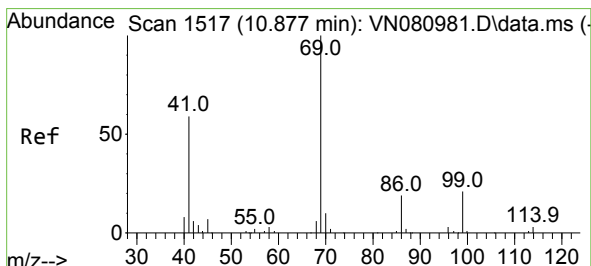
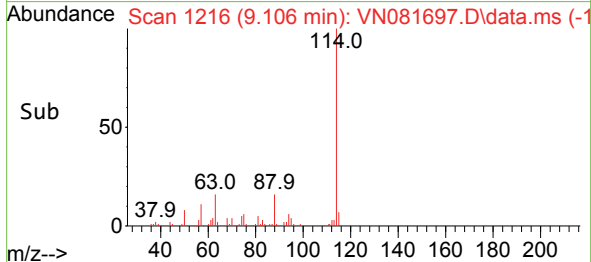
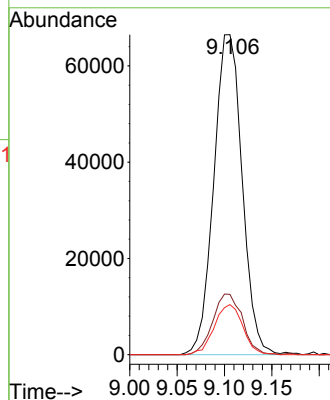
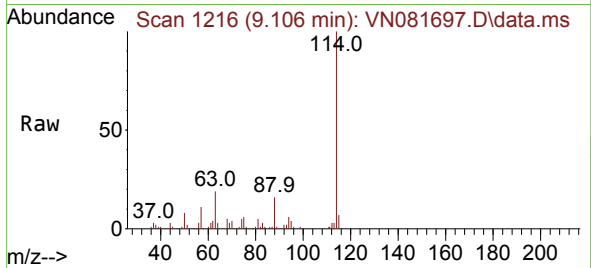




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081697.D
Acq: 11 Apr 2024 15:26

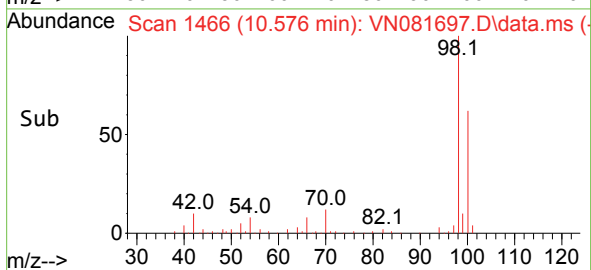
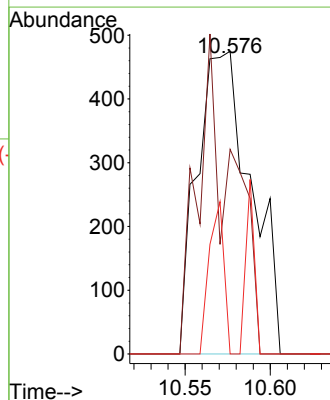
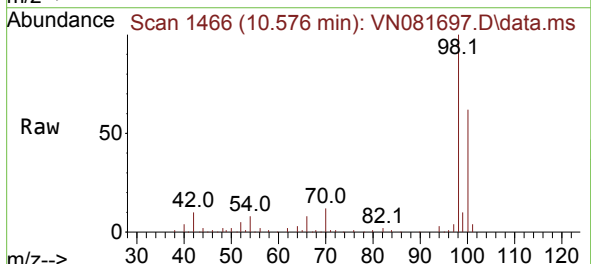
Instrument :
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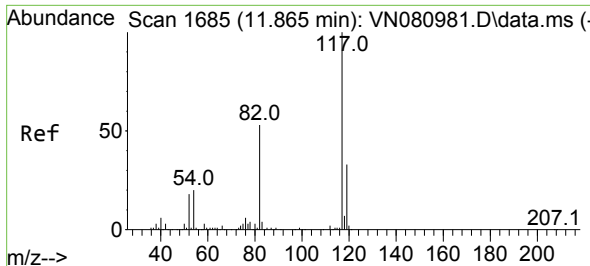
Tgt Ion:114 Resp: 138528
Ion Ratio Lower Upper
114 100
63 19.8 15.9 23.9
88 15.8 12.7 19.1



#51
Ethyl methacrylate
Concen: 0.256 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. -0.300 min
Lab File: VN081697.D
Acq: 11 Apr 2024 15:26

Tgt Ion: 69 Resp: 1040
Ion Ratio Lower Upper
69 100
41 67.6 25.5 76.5
39 0.0 16.0 47.9#

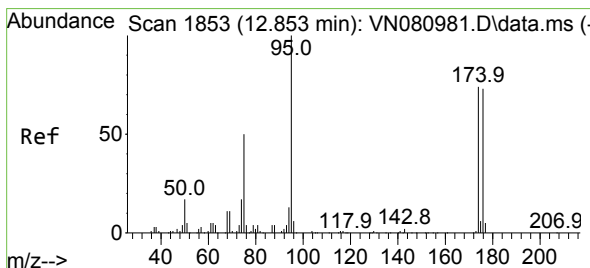
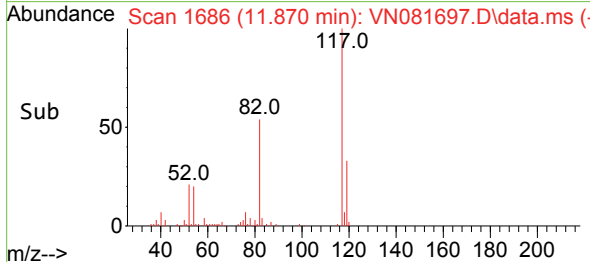
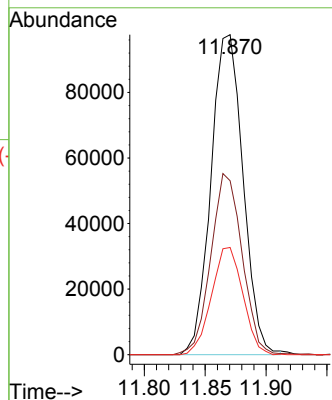
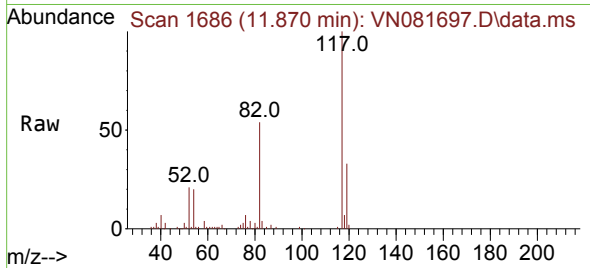




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081697.D
Acq: 11 Apr 2024 15:26

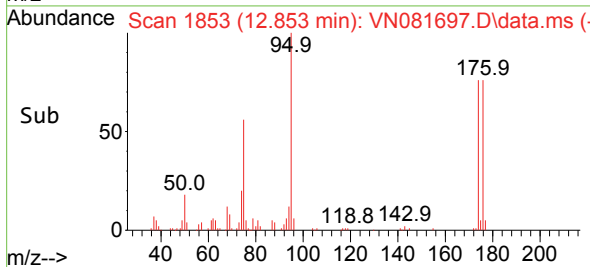
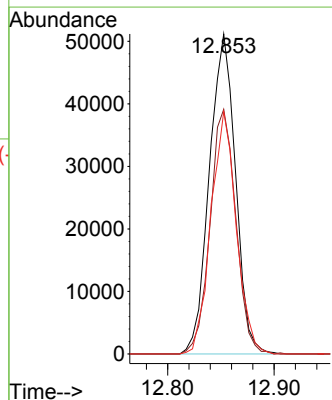
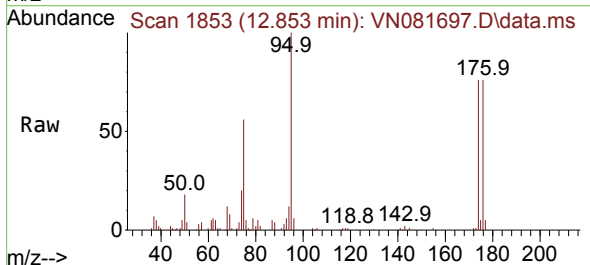
Instrument :
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ClientSampleId :
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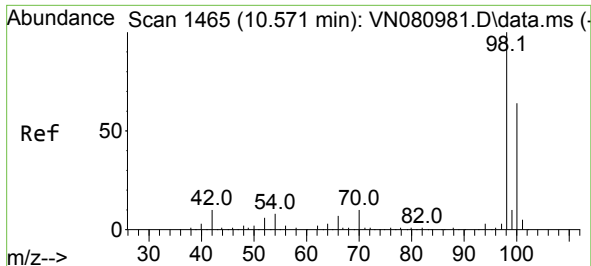
Tgt Ion:117 Resp: 179035
Ion Ratio Lower Upper
117 100
82 55.1 46.6 69.8
119 32.7 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 24.820 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081697.D
Acq: 11 Apr 2024 15:26

Tgt Ion: 95 Resp: 87364
Ion Ratio Lower Upper
95 100
174 75.0 60.5 90.7
176 73.3 57.8 86.6

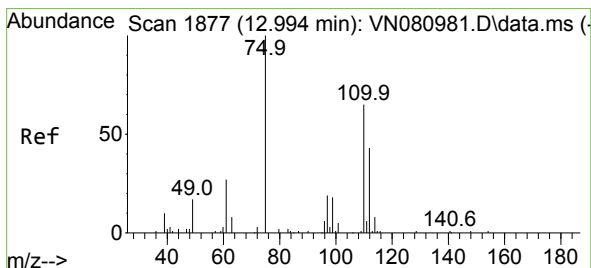
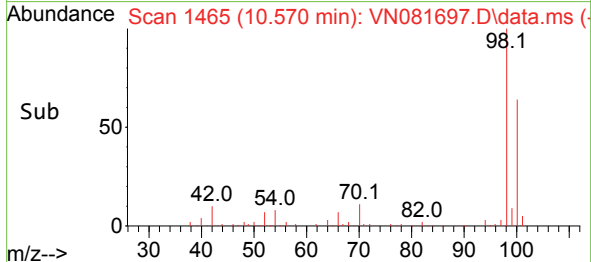
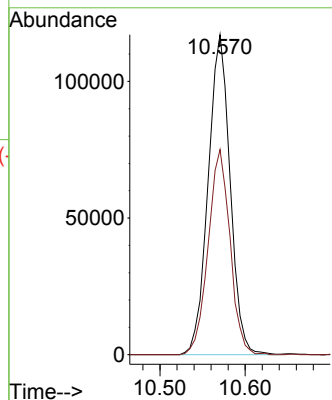
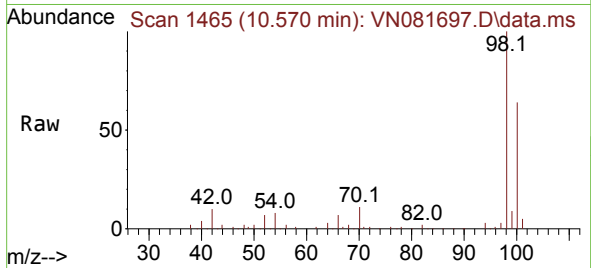




#63
Toluene-d8
Concen: 29.211 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081697.D
Acq: 11 Apr 2024 15:26

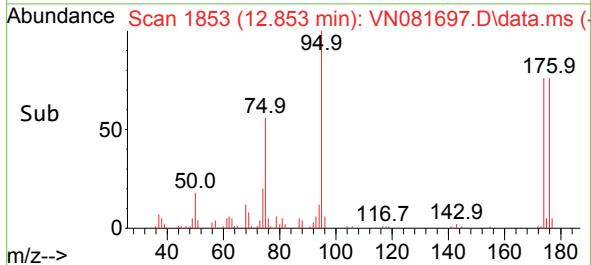
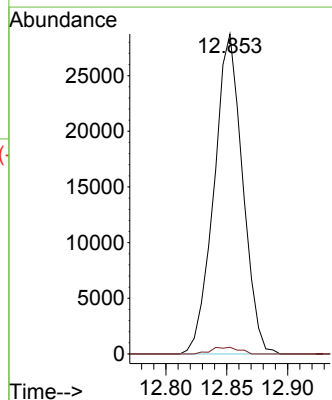
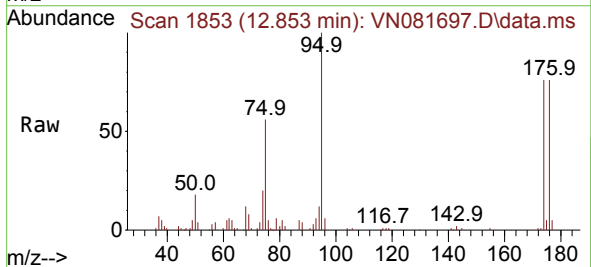
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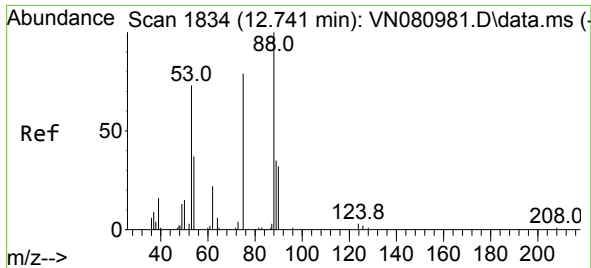
Tgt Ion: 98 Resp: 209780
Ion Ratio Lower Upper
98 100
100 63.6 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 14.450 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081697.D
Acq: 11 Apr 2024 15:26

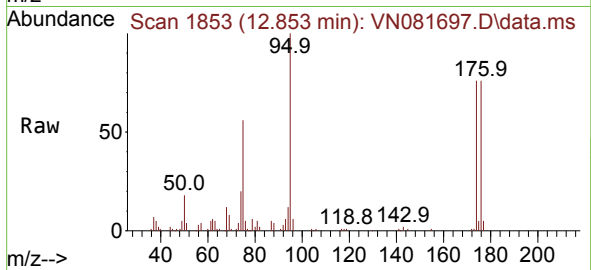
Tgt Ion: 75 Resp: 46950
Ion Ratio Lower Upper
75 100
77 2.1 0.0 367.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 34.893 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081697.D
 Acq: 11 Apr 2024 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 240410059-04-TRIP-BLANK



Tgt Ion: 75 Resp: 46950
 Ion Ratio Lower Upper
 75 100
 53 0.0 45.9 137.7#
 89 0.0 25.9 77.7#

