

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078733.D
 Acq On : 02 Aug 2023 16:26
 Operator : JC\MD
 Sample : VN0802WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBL02

Quant Time: Aug 03 05:32:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

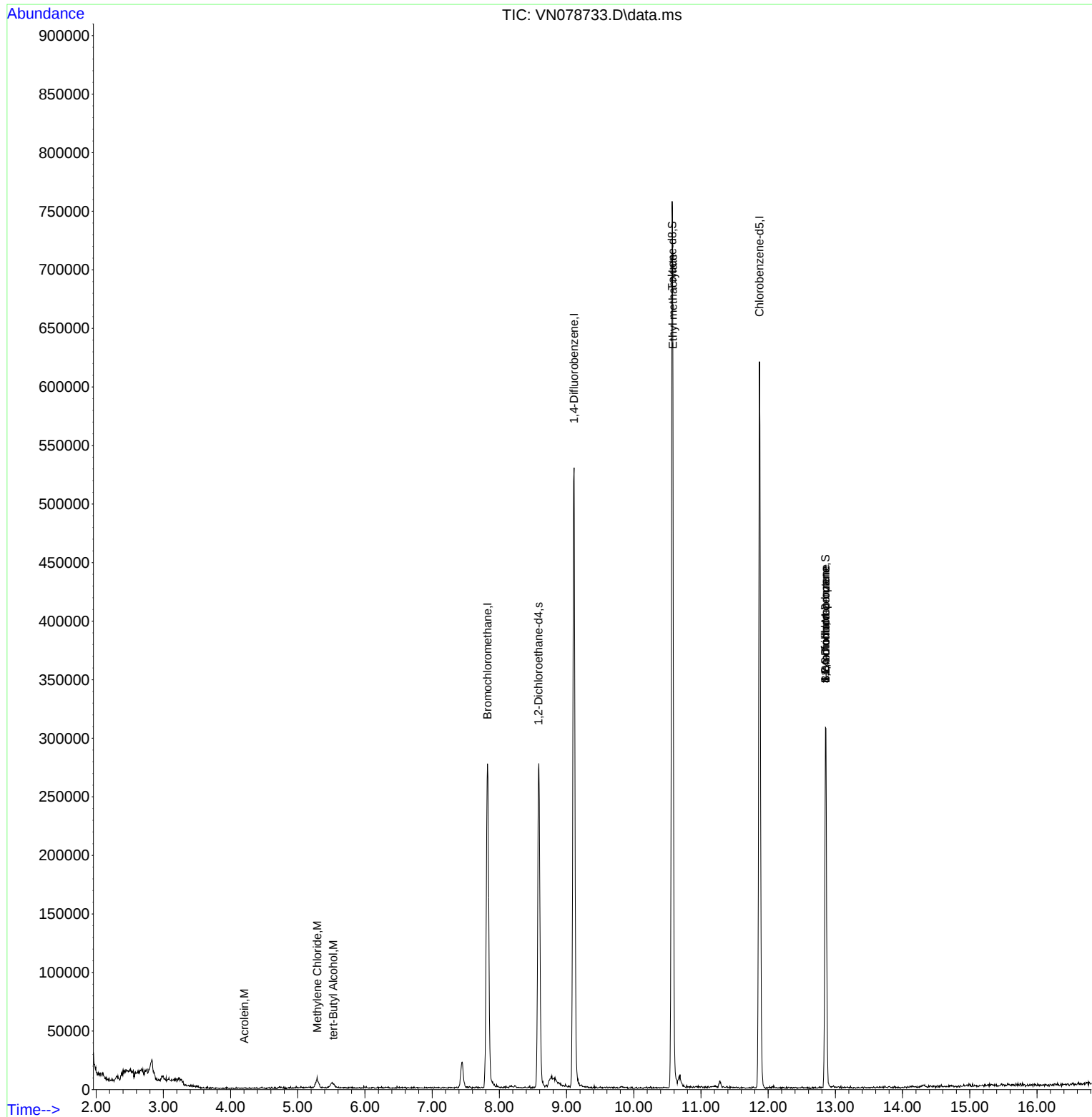
Internal Standards						
1) Bromochloromethane	7.824	128	103882	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	467340	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	374090	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	237412	30.489	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.633%
60) 4-Bromofluorobenzene	12.853	95	110877	19.777	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	65.933%
63) Toluene-d8	10.571	98	557236	30.154	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.500%
Target Compounds						
					Qvalue	
13) Acrolein	4.206	56	241	0.241	ug/l #	13
18) Methylene Chloride	5.289	84	5167	0.744	ug/l #	92
23) tert-Butyl Alcohol	5.530	59	1621	1.443	ug/l #	100
51) Ethyl methacrylate	10.582	69	2160	0.291	ug/l	90
56) Bromoform	12.853	173	1044	0.260	ug/l #	1
72) 1,2,3-Trichloropropane	12.853	75	59639	10.037	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	59639	28.718	ug/l #	15

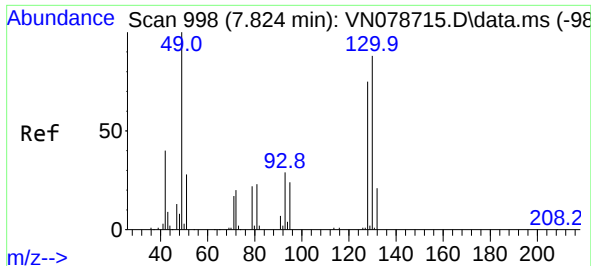
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN078733.D
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL02

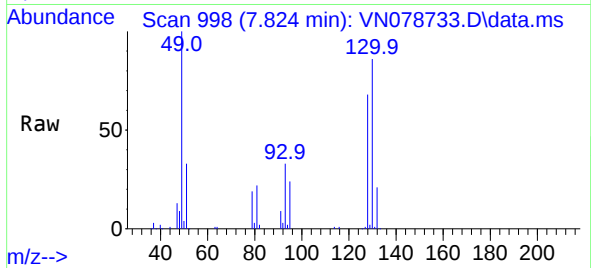
Quant Time: Aug 03 05:32:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 02 04:51:47 2023
Response via : Initial Calibration



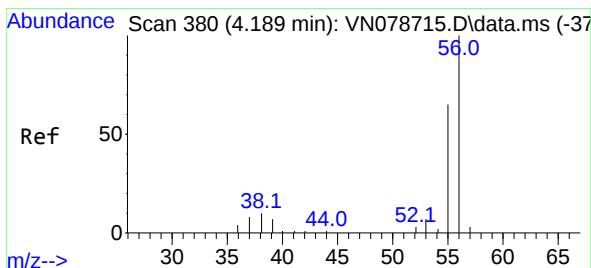
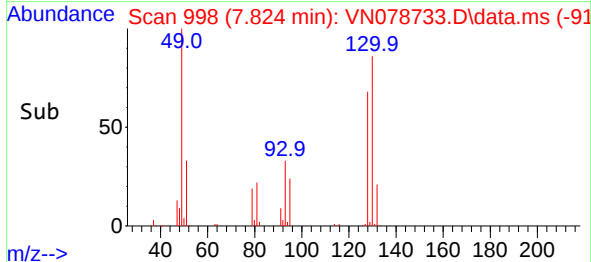
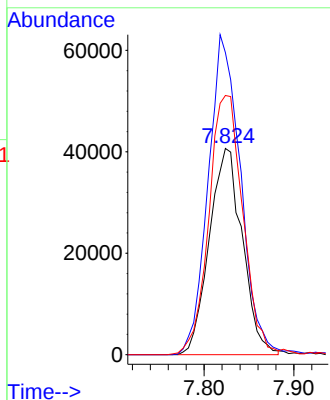


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL02

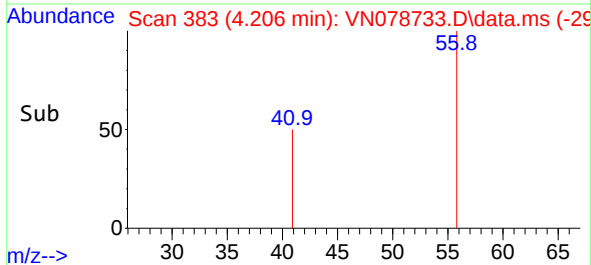
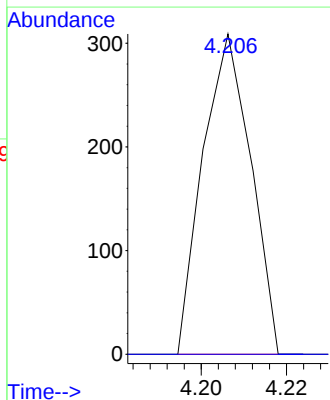
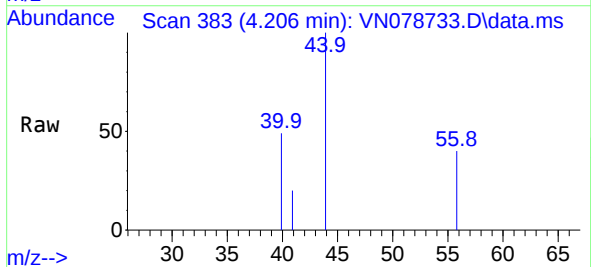


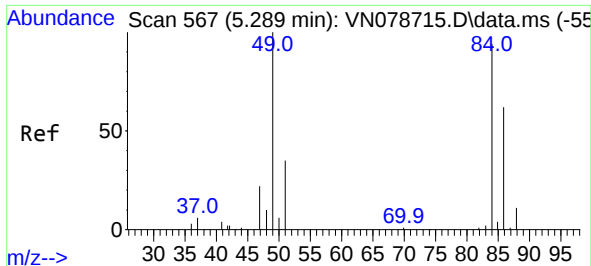
Tgt Ion:128 Resp: 103882
Ion Ratio Lower Upper
128 100
49 151.4 0.0 370.8
130 129.1 0.0 307.0



#13
Acrolein
Concen: 0.241 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.018 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

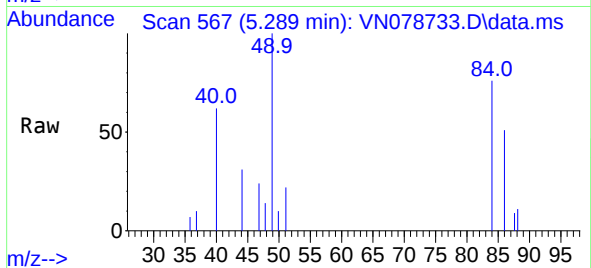
Tgt Ion: 56 Resp: 241
Ion Ratio Lower Upper
56 100
55 0.0 59.0 88.4#





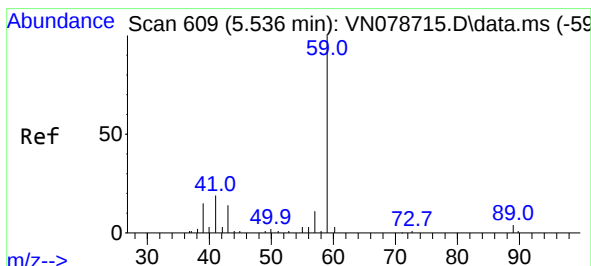
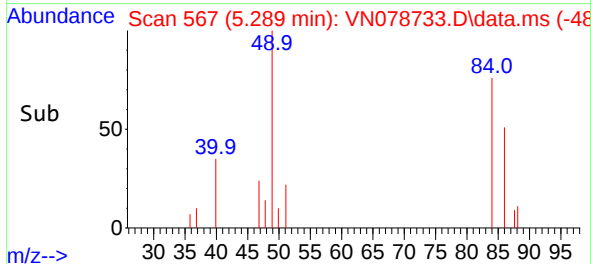
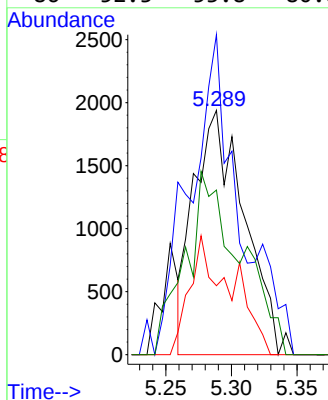
#18
Methylene Chloride
Concen: 0.744 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL02



Tgt Ion: 84 Resp: 5167

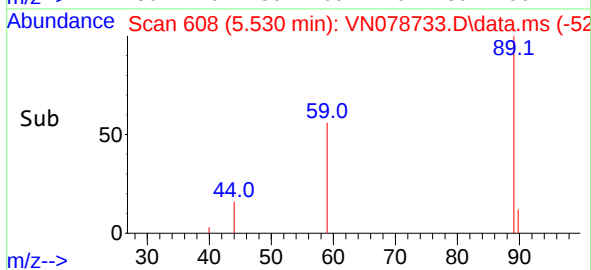
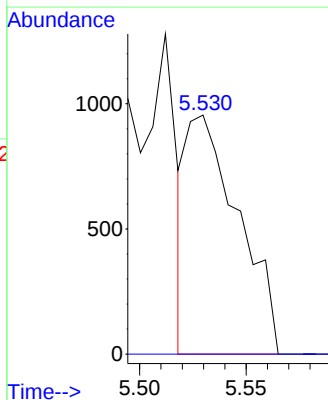
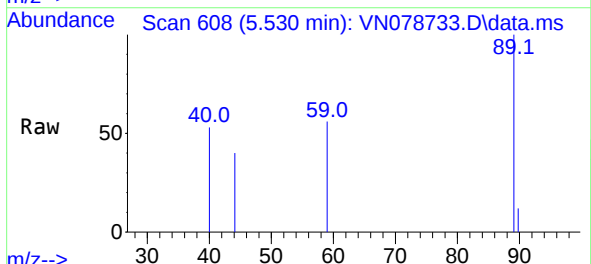
Ion	Ratio	Lower	Upper
84	100		
49	112.2	88.1	132.1
51	28.2	24.0	36.0
86	52.3	53.8	80.8#

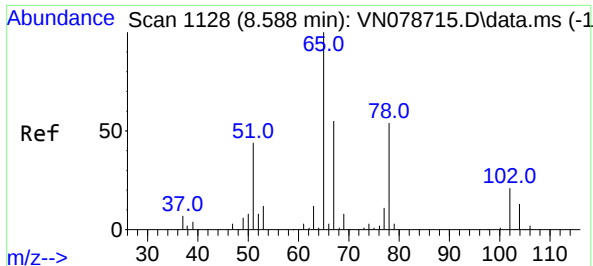


#23
tert-Butyl Alcohol
Concen: 1.443 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

Tgt Ion: 59 Resp: 1621

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#

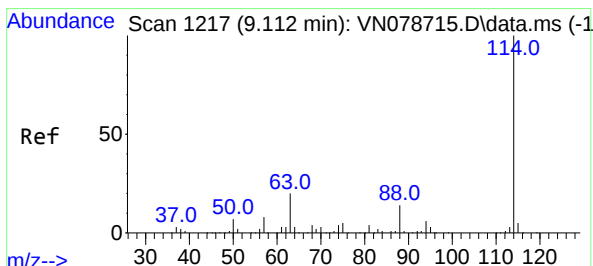
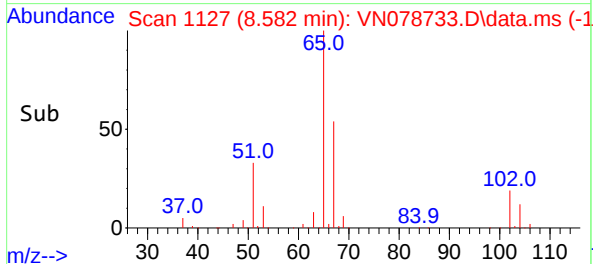
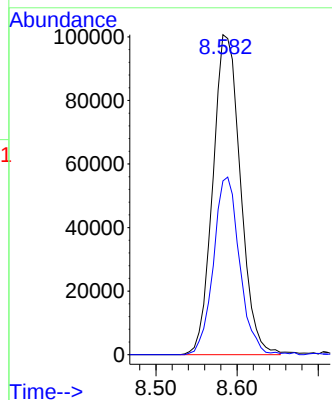
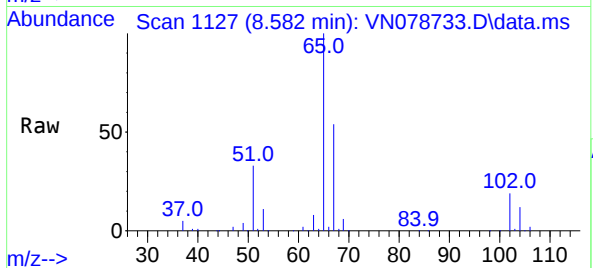




#27
1,2-Dichloroethane-d4
Concen: 30.489 ug/l
RT: 8.582 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

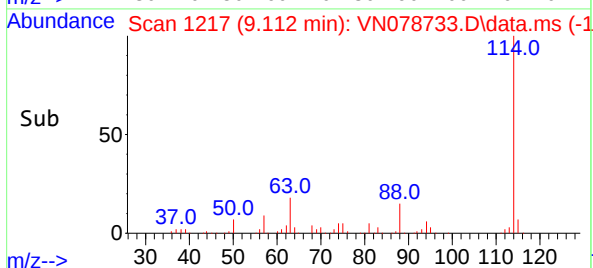
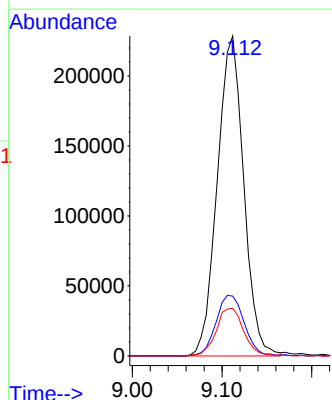
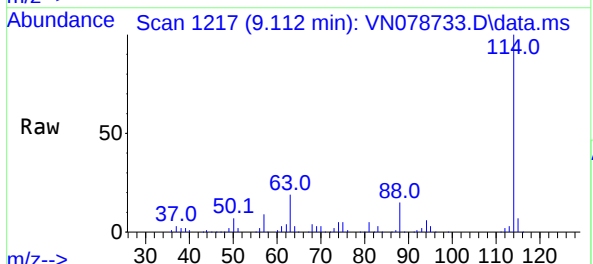
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL02

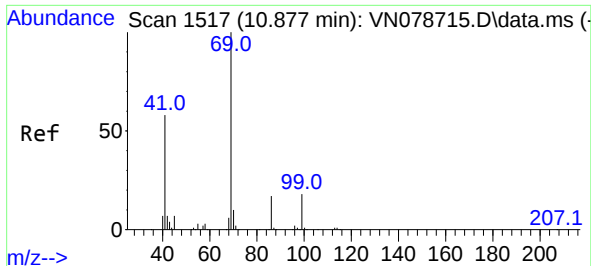
Tgt Ion: 65 Resp: 237412
Ion Ratio Lower Upper
65 100
67 52.4 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

Tgt Ion: 114 Resp: 467340
Ion Ratio Lower Upper
114 100
63 20.2 15.2 22.8
88 15.5 12.5 18.7

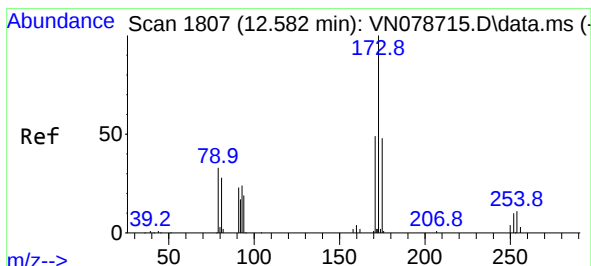
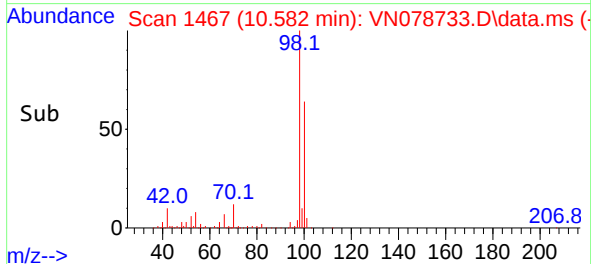
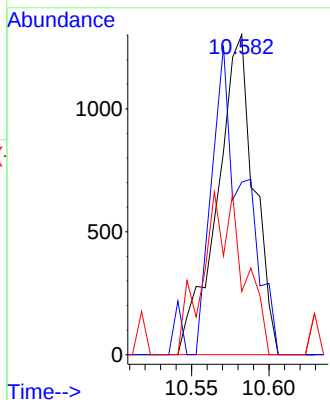
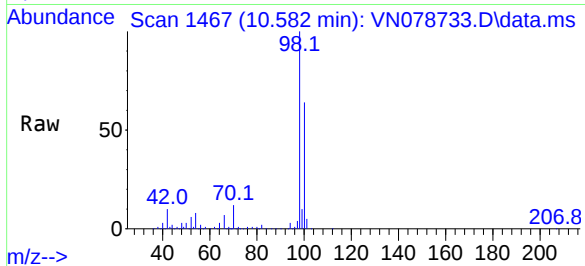




#51
Ethyl methacrylate
Concen: 0.291 ug/l
RT: 10.582 min Scan# 14
Delta R.T. -0.294 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

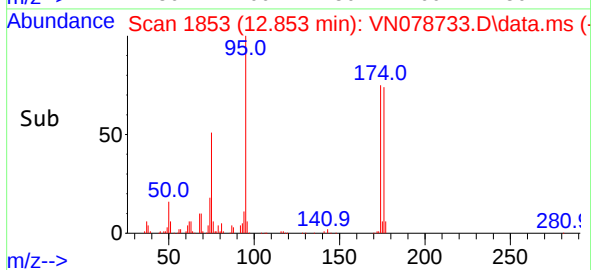
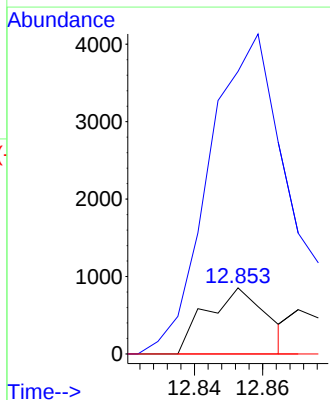
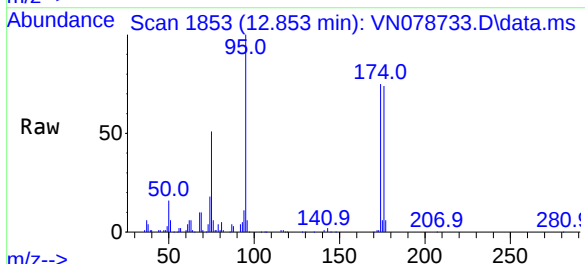
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL02

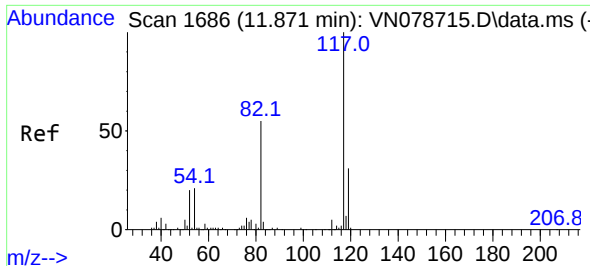
Tgt Ion:	69	Resp:	2160
Ion	Ratio	Lower	Upper
69	100		
41	53.9	26.0	78.0
39	19.7	16.3	48.9



#56
Bromoform
Concen: 0.260 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.270 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

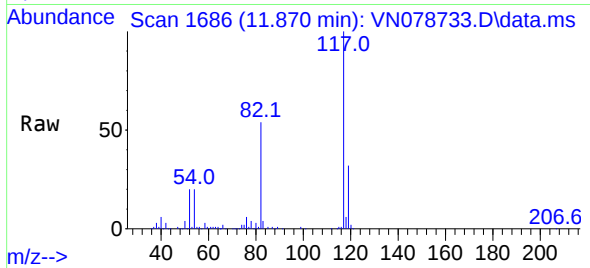
Tgt Ion:	173	Resp:	1044
Ion	Ratio	Lower	Upper
173	100		
175	660.1	40.7	61.1#
254	0.0	6.5	9.7#



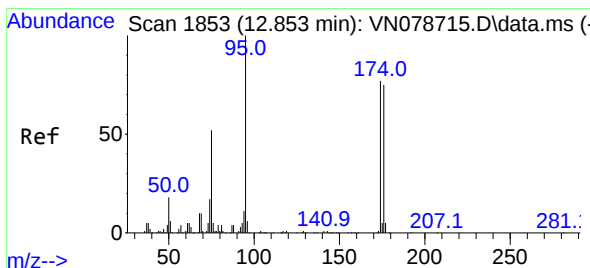
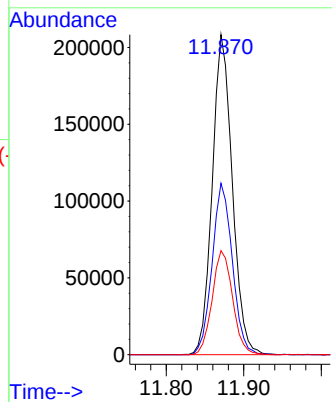
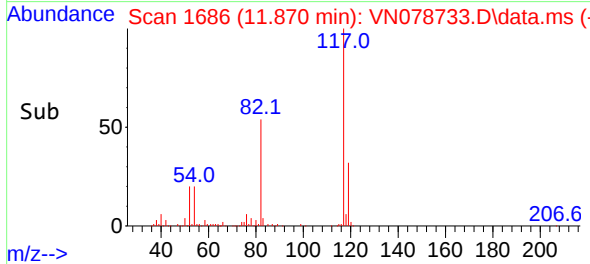


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL02

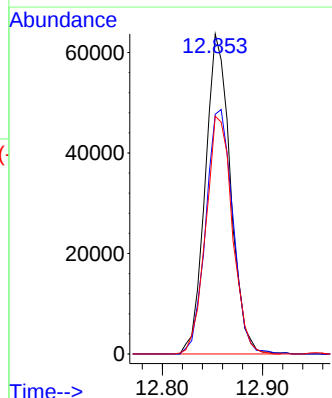
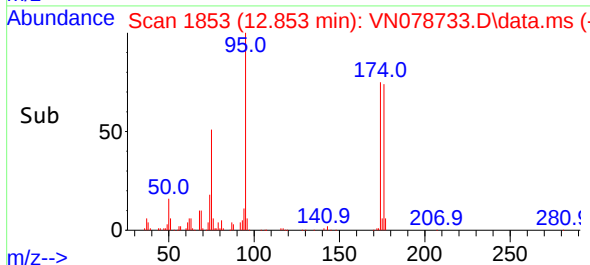
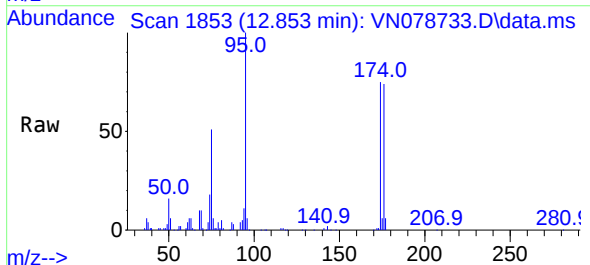


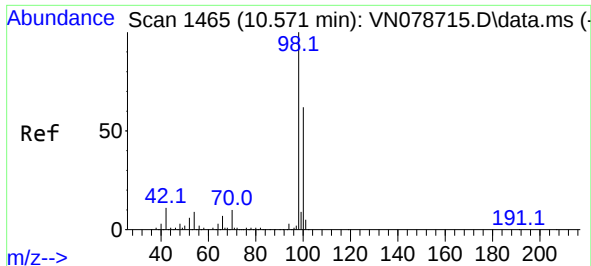
Tgt Ion:117 Resp: 374090
Ion Ratio Lower Upper
117 100
82 54.2 43.9 65.9
119 33.1 26.2 39.4



#60
4-Bromofluorobenzene
Concen: 19.777 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

Tgt Ion: 95 Resp: 110877
Ion Ratio Lower Upper
95 100
174 81.6 61.7 92.5
176 78.5 58.1 87.1

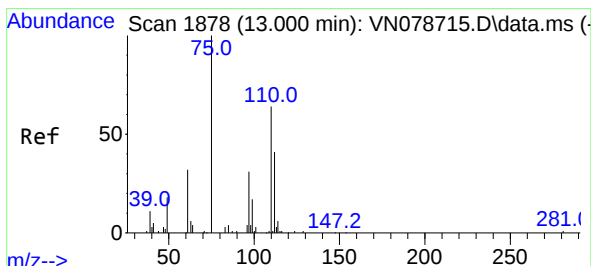
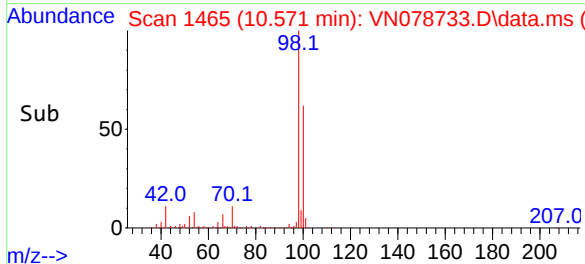
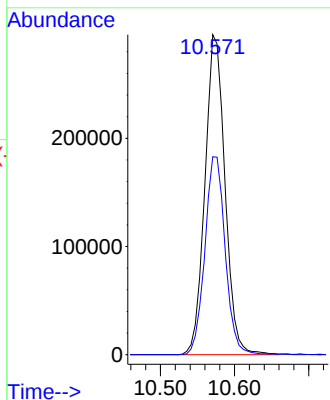
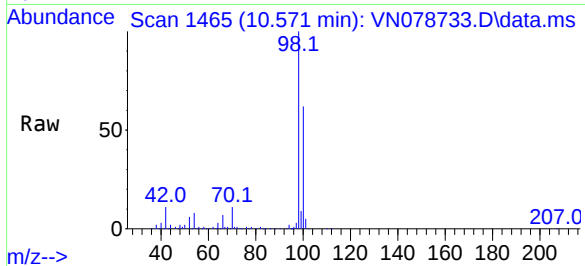




#63
Toluene-d8
Concen: 30.154 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

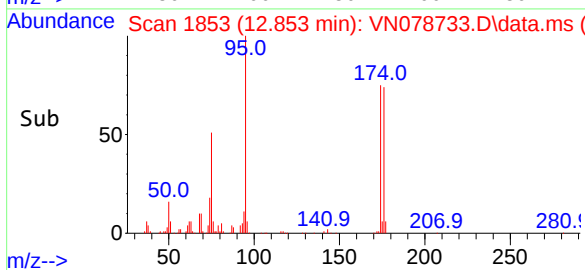
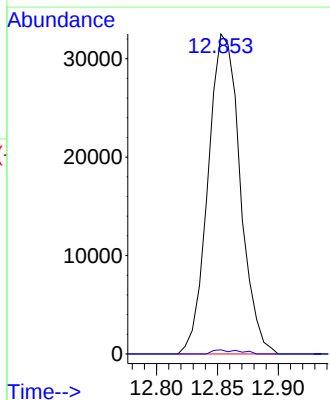
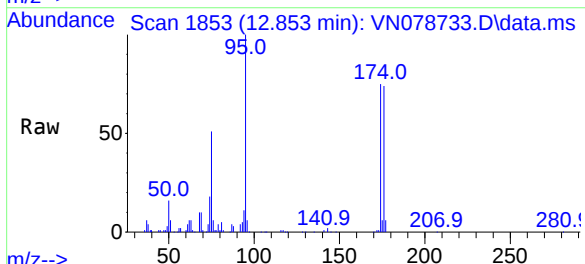
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VN0802WBL02

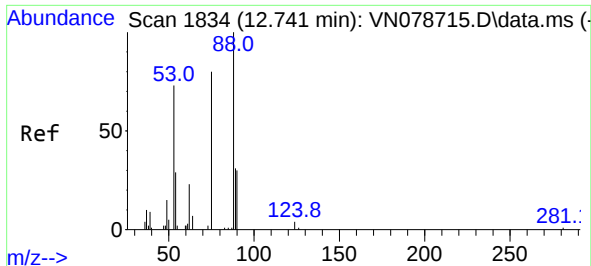
Tgt Ion: 98 Resp: 557236
Ion Ratio Lower Upper
98 100
100 62.7 49.7 74.5



#72
1,2,3-Trichloropropane
Concen: 10.037 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

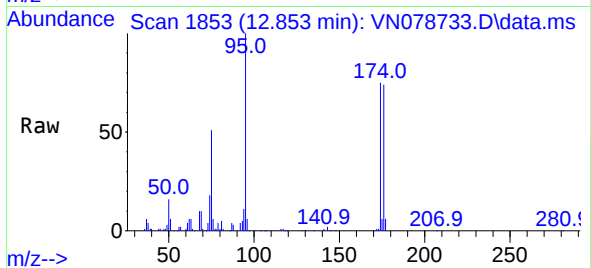
Tgt Ion: 75 Resp: 59639
Ion Ratio Lower Upper
75 100
77 1.1 0.0 387.4





#77
 t-1,4-Dichloro-2-butene
 Concen: 28.718 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN078733.D
 Acq: 02 Aug 2023 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBL02



Tgt Ion: 75 Resp: 59639
 Ion Ratio Lower Upper
 75 100
 53 0.5 41.6 124.9#
 89 0.0 25.1 75.4#

