

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078732.D
 Acq On : 02 Aug 2023 16:02
 Operator : JC\MD
 Sample : VN0802WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBL01

Quant Time: Aug 03 05:32:30 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)

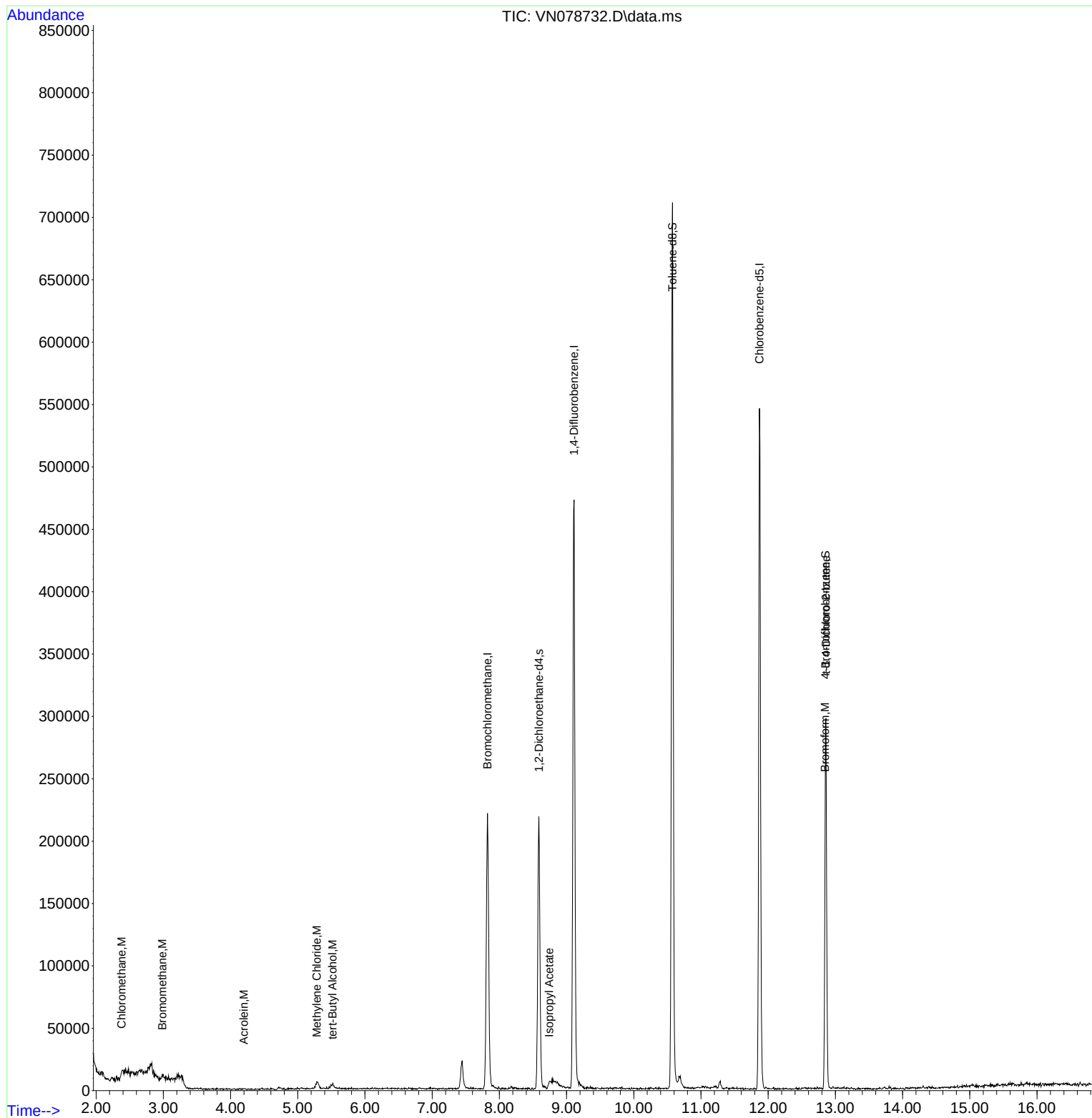
Internal Standards						
1) Bromochloromethane	7.824	128	80388	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	415285	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	342983	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	180296	29.921	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.733%
60) 4-Bromofluorobenzene	12.853	95	104551	20.340	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	67.800%
63) Toluene-d8	10.576	98	517305	30.532	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.767%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1555	0.249	ug/l	98
5) Bromomethane	2.983	94	1998	0.315	ug/l #	74
13) Acrolein	4.200	56	323	0.418	ug/l #	13
18) Methylene Chloride	5.283	84	3628	0.675	ug/l #	71
23) tert-Butyl Alcohol	5.518	59	1639	1.886	ug/l #	100
44) Isopropyl Acetate	8.741	43	2677	0.306	ug/l #	1
56) Bromoform	12.847	173	724	0.203	ug/l #	34
77) t-1,4-Dichloro-2-butene	12.859	75	57670	30.288	ug/l #	15

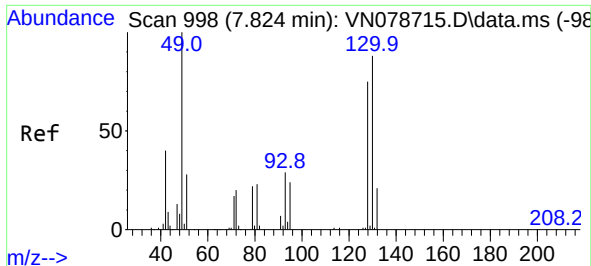
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
Data File : VN078732.D
Acq On : 02 Aug 2023 16:02
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

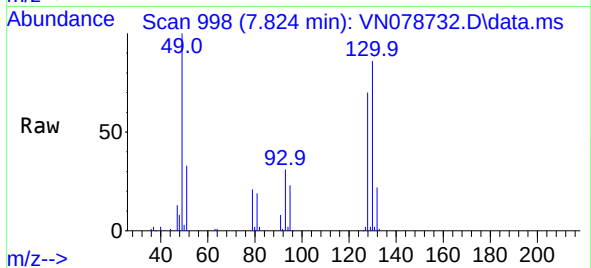
Quant Time: Aug 03 05:32:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 02 04:51:47 2023
Response via : Initial Calibration



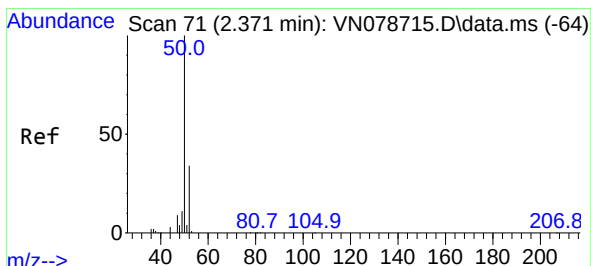
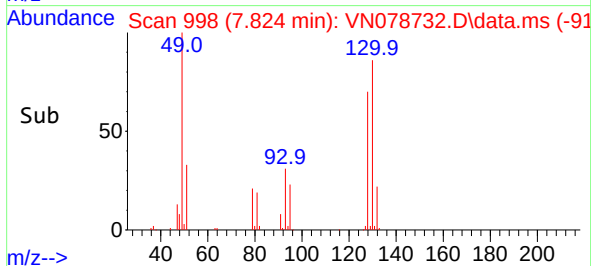
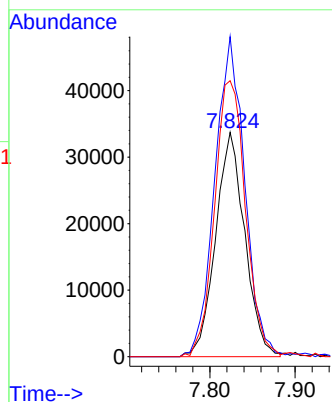


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

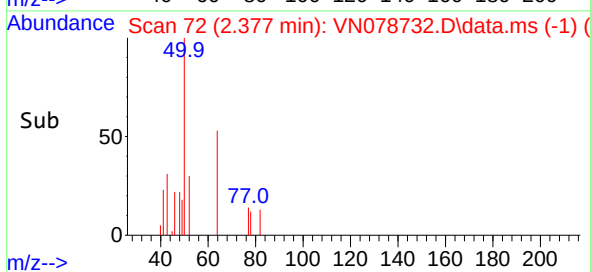
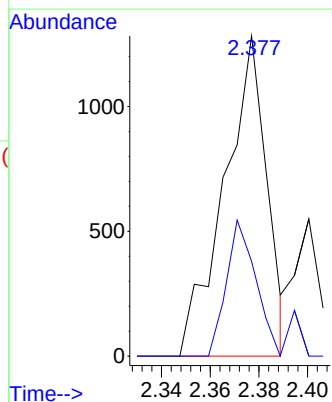
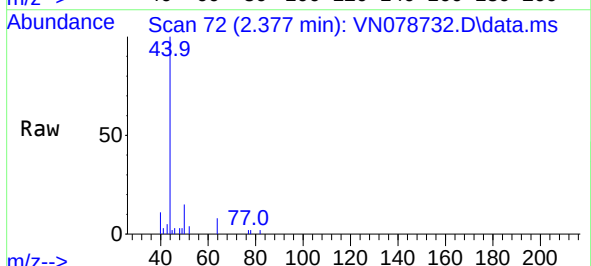


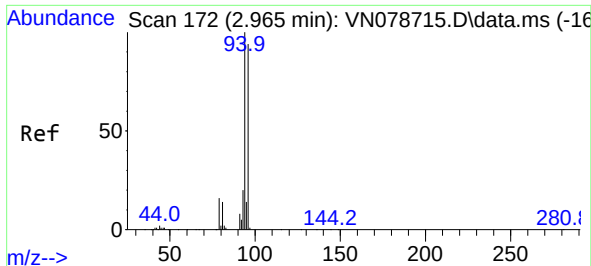
Tgt Ion:128 Resp: 80388
Ion Ratio Lower Upper
128 100
49 145.6 0.0 370.8
130 130.2 0.0 307.0



#3
Chloromethane
Concen: 0.249 ug/l
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Tgt Ion: 50 Resp: 1555
Ion Ratio Lower Upper
50 100
52 29.6 24.6 36.8

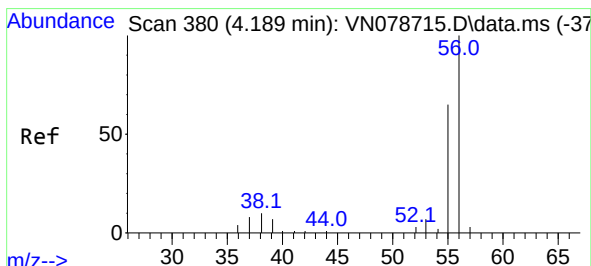
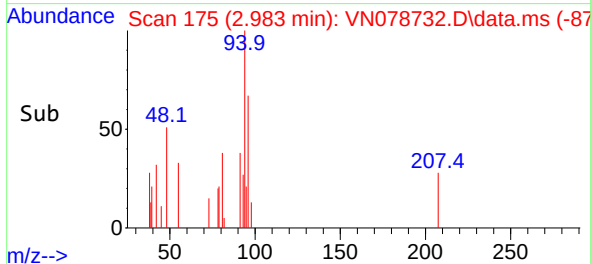
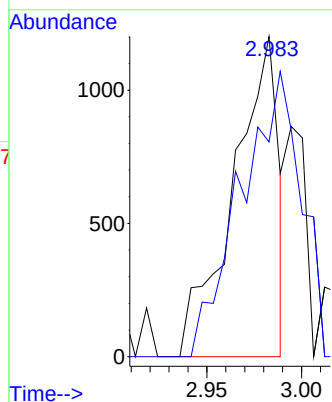
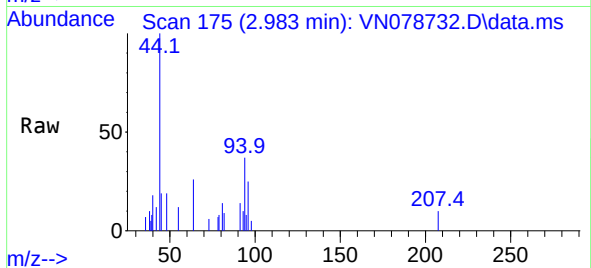




#5
Bromomethane
Concen: 0.315 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

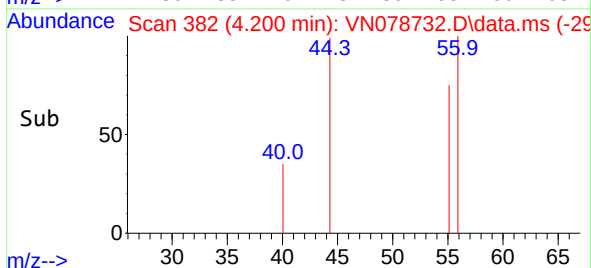
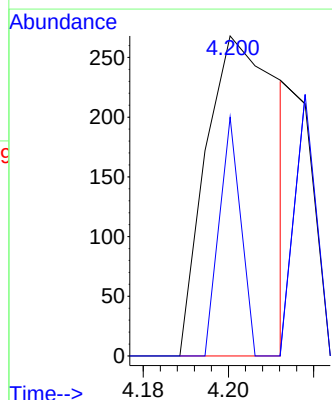
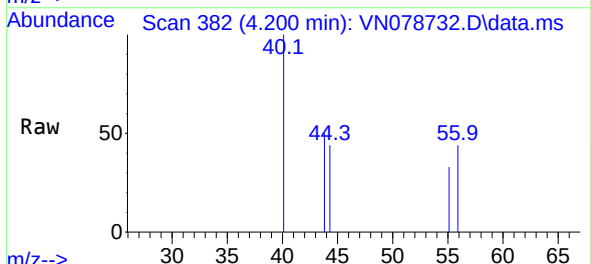
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

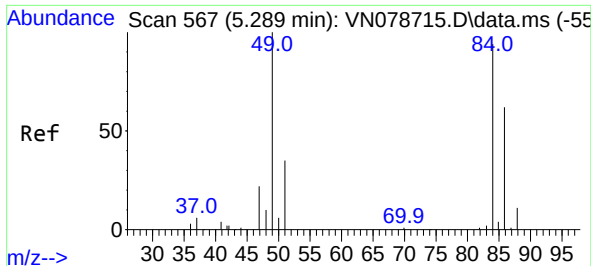
Tgt Ion: 94 Resp: 1998
Ion Ratio Lower Upper
94 100
96 67.1 73.9 110.9#



#13
Acrolein
Concen: 0.418 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Tgt Ion: 56 Resp: 323
Ion Ratio Lower Upper
56 100
55 0.0 59.0 88.4#

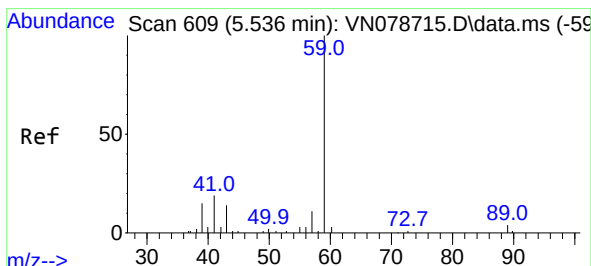
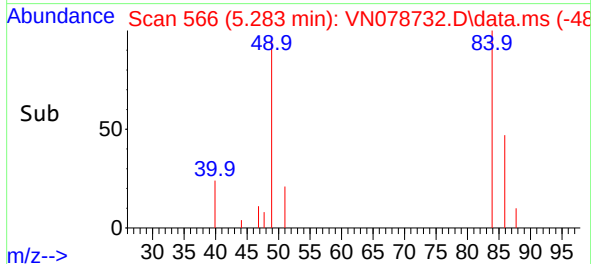
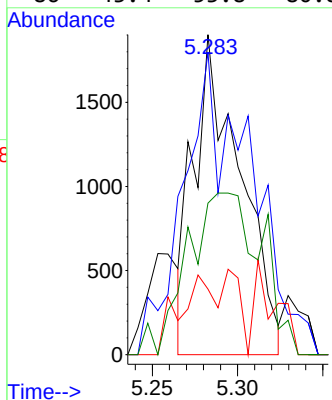
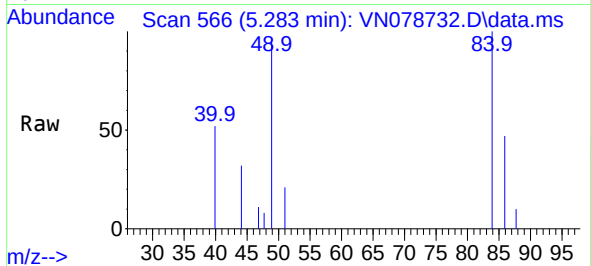




#18
Methylene Chloride
Concen: 0.675 ug/l
RT: 5.283 min Scan# 501
Delta R.T. -0.006 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

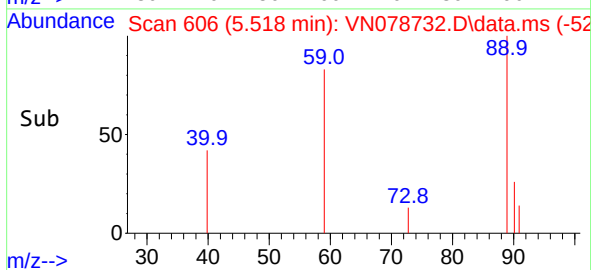
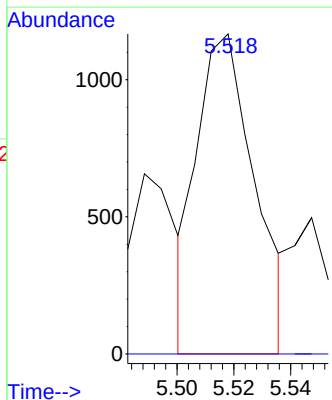
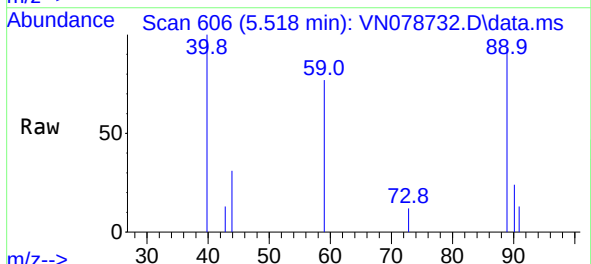
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

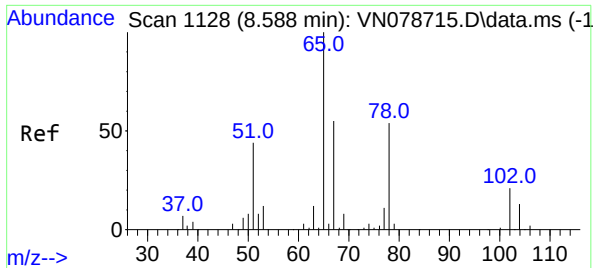
Tgt Ion:	84	Resp:	3628
Ion	Ratio	Lower	Upper
84	100		
49	81.7	88.1	132.1#
51	10.8	24.0	36.0#
86	43.4	53.8	80.8#



#23
tert-Butyl Alcohol
Concen: 1.886 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Tgt Ion:	59	Resp:	1639
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#

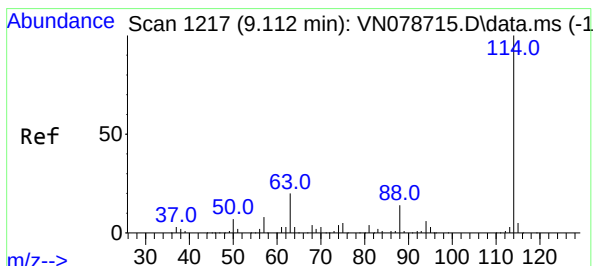
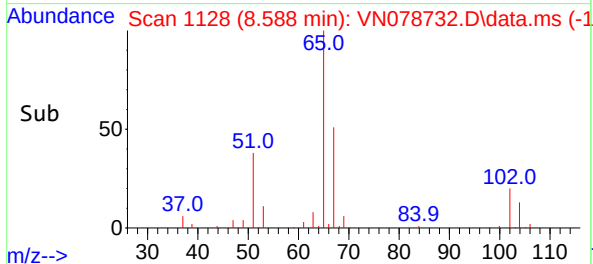
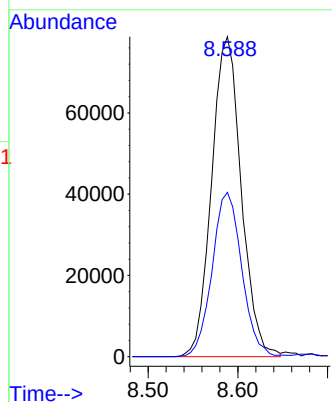
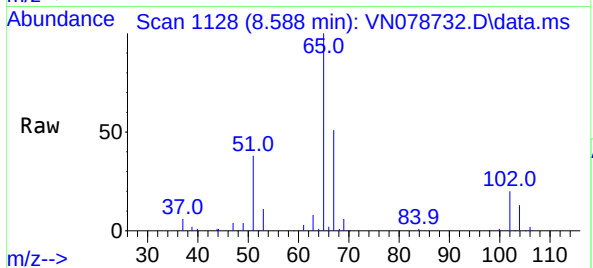




#27
1,2-Dichloroethane-d4
Concen: 29.921 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

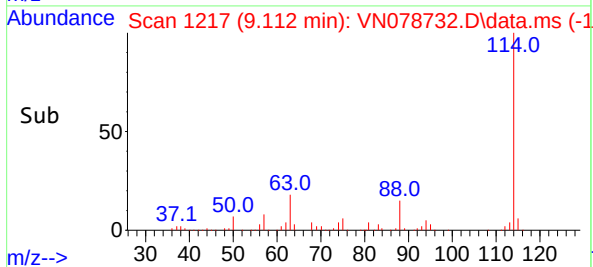
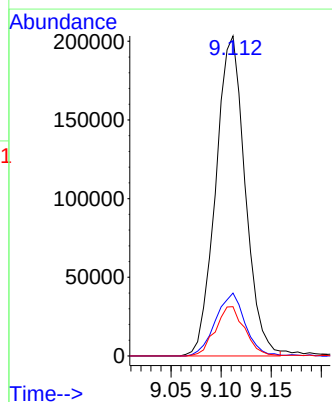
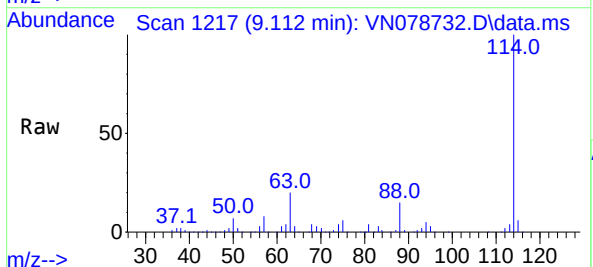
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

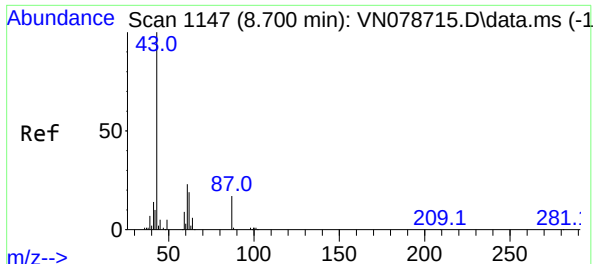
Tgt Ion: 65 Resp: 180296
Ion Ratio Lower Upper
65 100
67 51.3 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Tgt Ion: 114 Resp: 415285
Ion Ratio Lower Upper
114 100
63 19.7 15.2 22.8
88 15.3 12.5 18.7

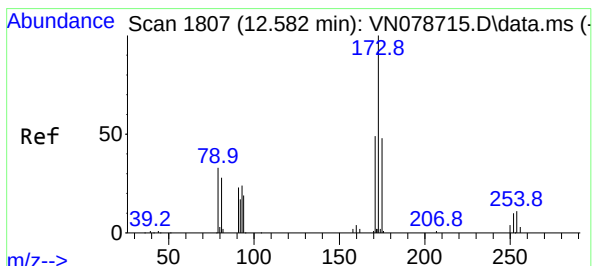
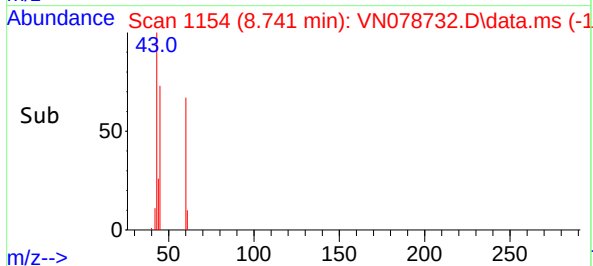
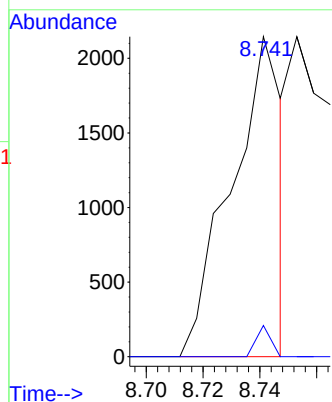
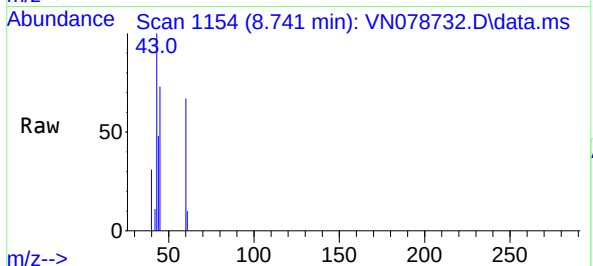




#44
Isopropyl Acetate
Concen: 0.306 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.041 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

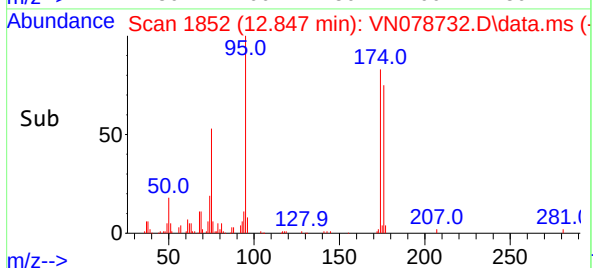
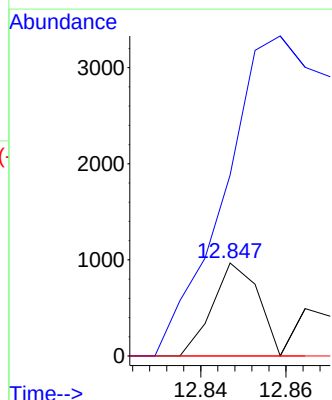
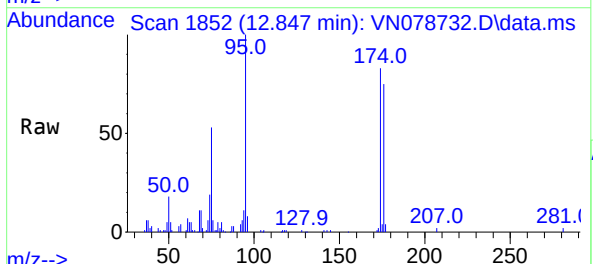
Instrument :
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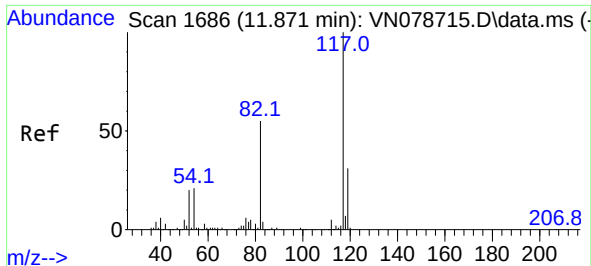
Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
61 103.8 23.0 34.6#



#56
Bromoform
Concen: 0.203 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Tgt Ion: 173 Resp: 724
Ion Ratio Lower Upper
173 100
175 0.0 40.7 61.1#
254 0.0 6.5 9.7#

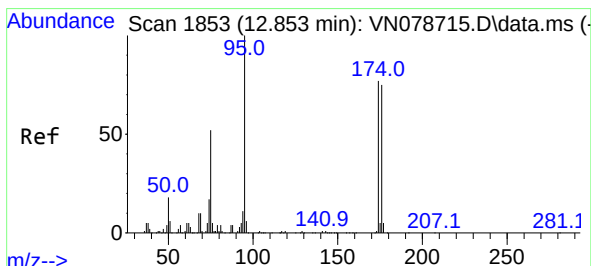
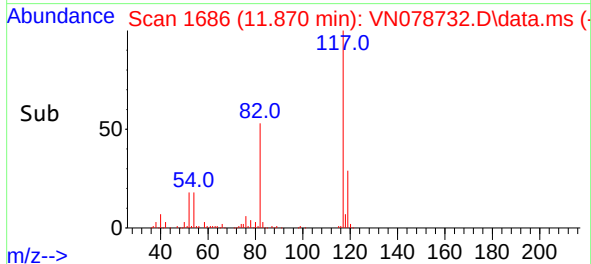
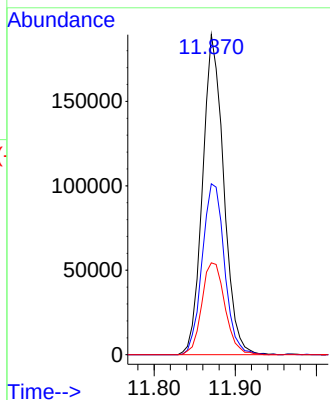
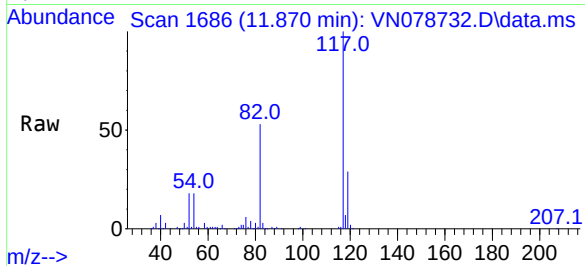




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

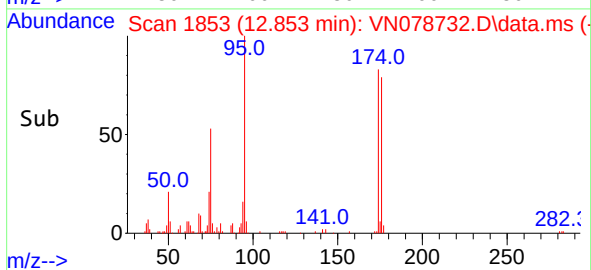
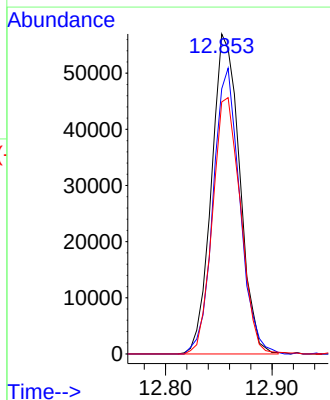
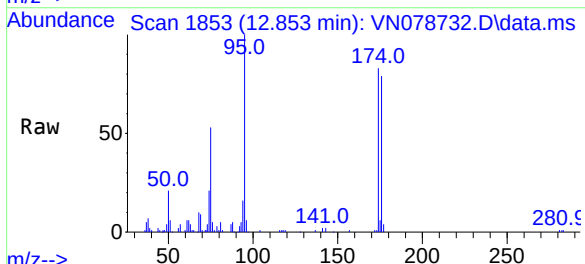
Instrument :
MSVOA_N
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VN0802WBL01

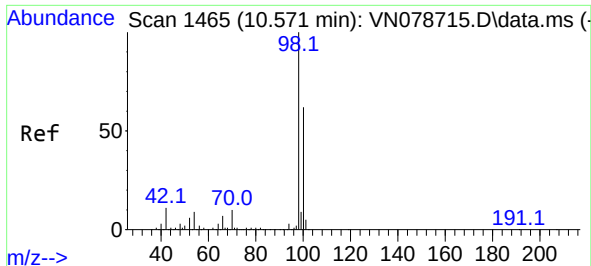
Tgt Ion:117 Resp: 342983
Ion Ratio Lower Upper
117 100
82 56.4 43.9 65.9
119 31.5 26.2 39.4



#60
4-Bromofluorobenzene
Concen: 20.340 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Tgt Ion: 95 Resp: 104551
Ion Ratio Lower Upper
95 100
174 84.5 61.7 92.5
176 79.5 58.1 87.1

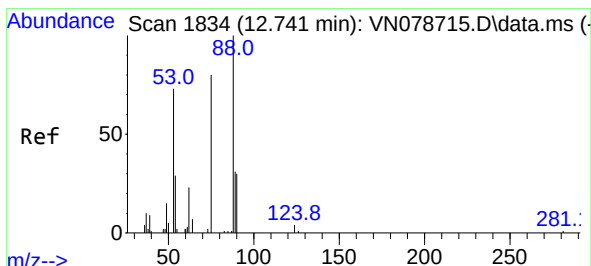
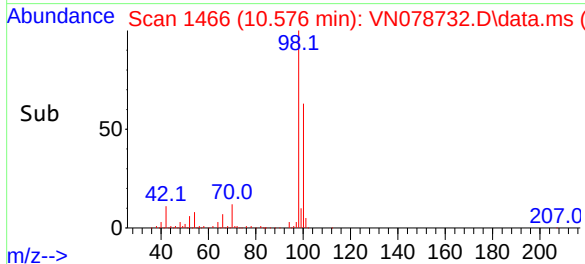
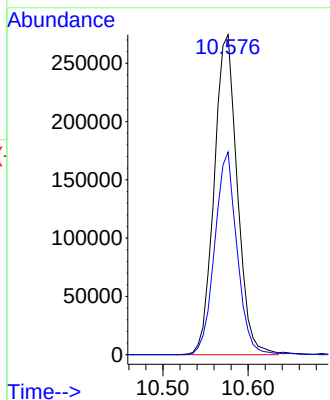
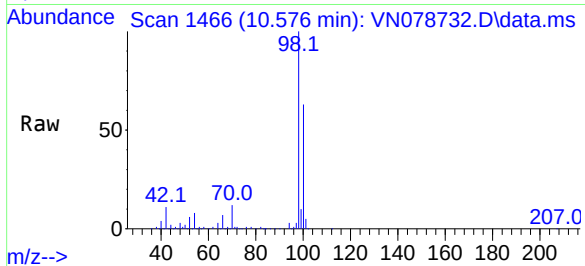




#63
Toluene-d8
Concen: 30.532 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

Tgt Ion: 98 Resp: 517305
Ion Ratio Lower Upper
98 100
100 61.1 49.7 74.5



#77
t-1,4-Dichloro-2-butene
Concen: 30.288 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Tgt Ion: 75 Resp: 57670
Ion Ratio Lower Upper
75 100
53 0.0 41.6 124.9#
89 0.0 25.1 75.4#

