

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
 Data File : VN079678.D
 Acq On : 25 Oct 2023 13:38
 Operator : JC\MD
 Sample : 05033-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

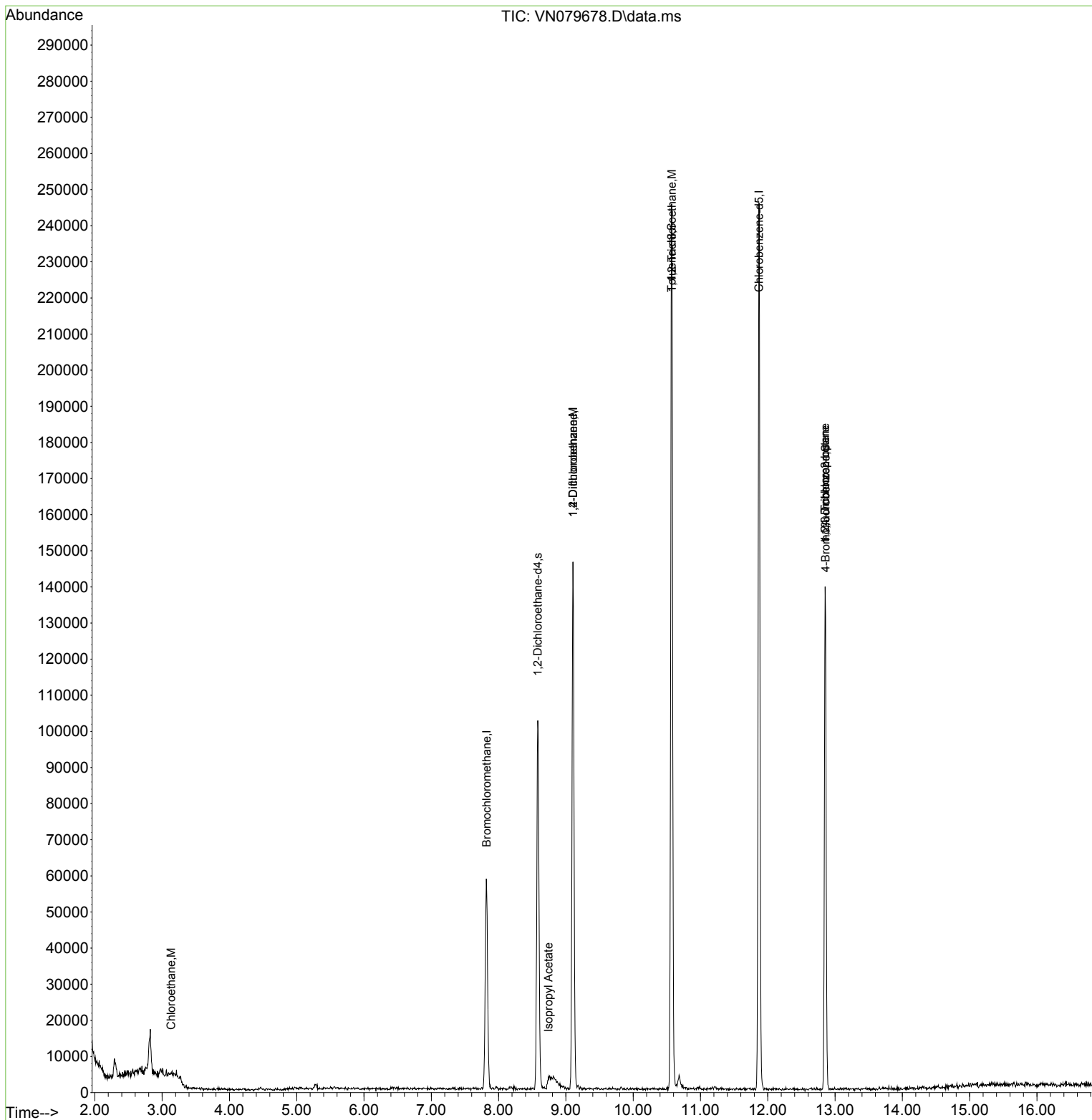
Quant Time: Oct 26 01:36:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

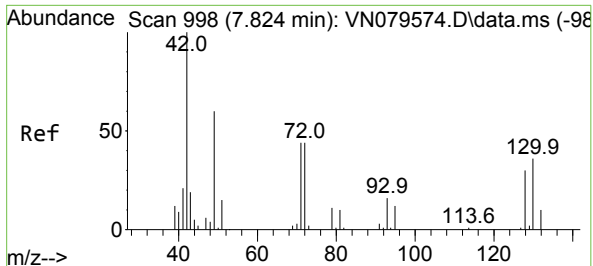
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.824	128	18847	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	118731	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	139677	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	83393	31.121	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.733%
60) 4-Bromofluorobenzene	12.859	95	47129	18.451	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	61.500%#
63) Toluene-d8	10.570	98	175304	29.289	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.633%
Target Compounds						
					Qvalue	
6) Chloroethane	3.136	64	836	0.311	ug/l #	46
36) 1,2-Dichloroethane	9.106	62	4931	1.310	ug/l #	75
44) Isopropyl Acetate	8.741	43	1573	0.271	ug/l #	74
50) 1,1,2-Trichloroethane	10.576	97	6247	2.466	ug/l #	1
72) 1,2,3-Trichloropropane	12.853	75	26636	8.265	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	26636	27.081	ug/l #	7

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

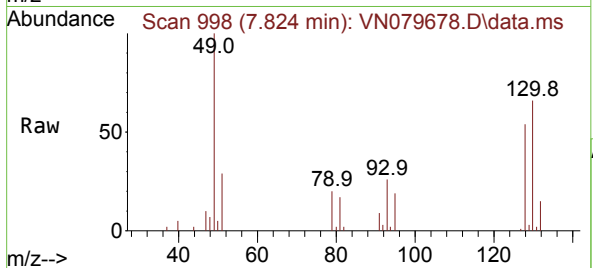
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 18 02:19:15 2023
Response via : Initial Calibration



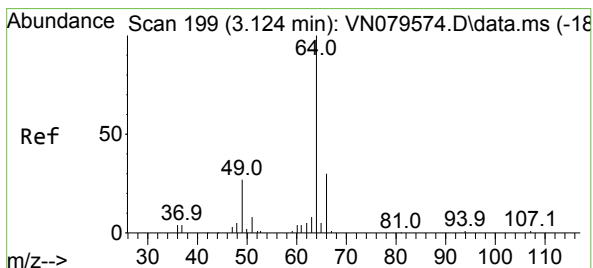
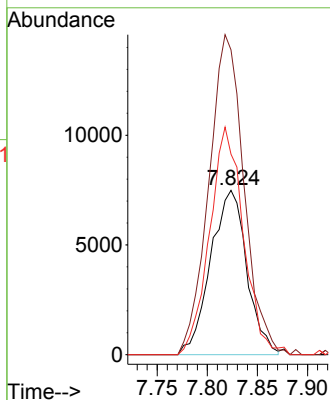
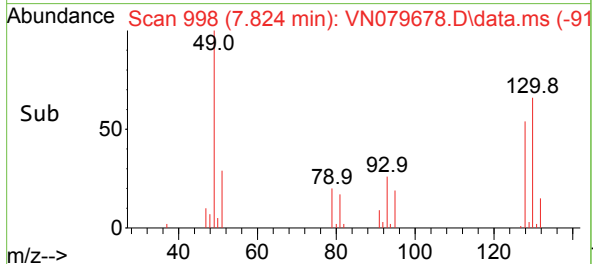


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079678.D
Acq: 25 Oct 2023 13:38

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MSVOA_N
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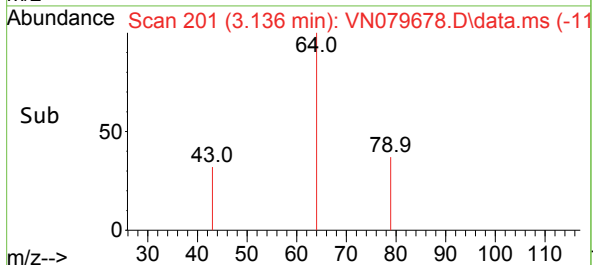
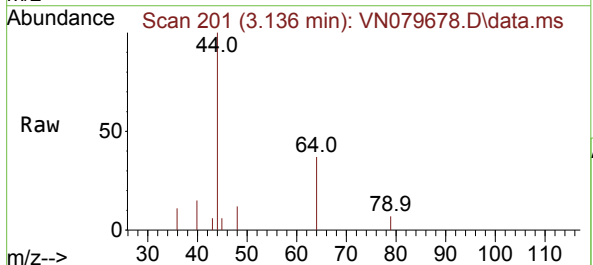


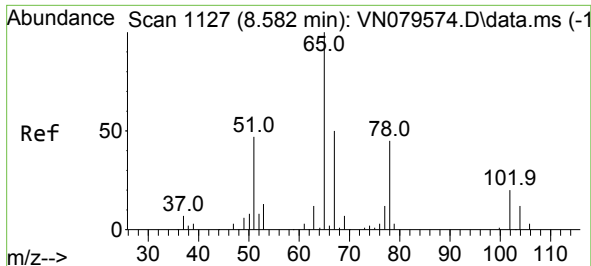
Tgt Ion:128 Resp: 18847
Ion Ratio Lower Upper
128 100
49 188.6 0.0 468.5
130 128.5 0.0 320.7



#6
Chloroethane
Concen: 0.311 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN079678.D
Acq: 25 Oct 2023 13:38

Tgt Ion: 64 Resp: 836
Ion Ratio Lower Upper
64 100
66 0.0 23.3 34.9#





#27

1,2-Dichloroethane-d4

Concen: 31.121 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079678.D

Acq: 25 Oct 2023 13:38

Instrument :

MSVOA_N

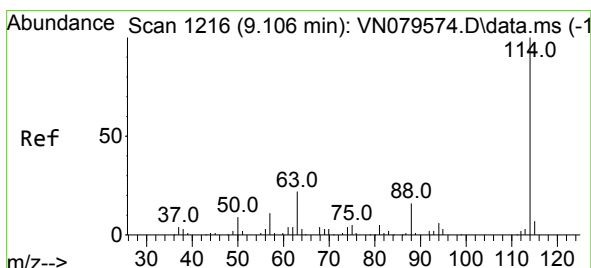
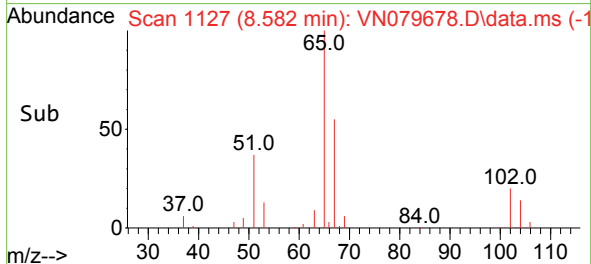
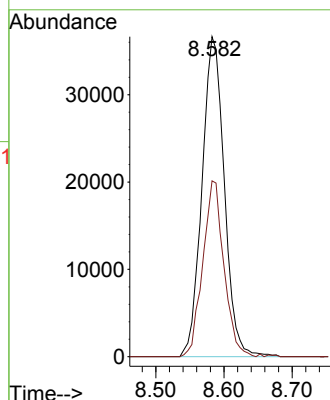
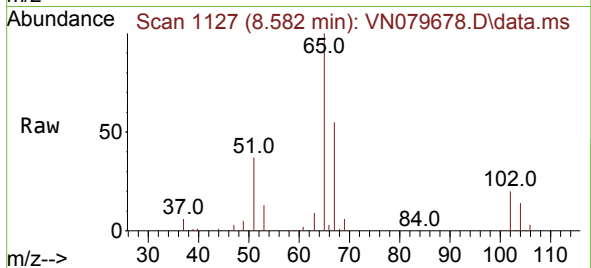
ClientSampleId :

Tgt Ion: 65 Resp: 83393

Ion Ratio Lower Upper

65 100

67 51.9 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079678.D

Acq: 25 Oct 2023 13:38

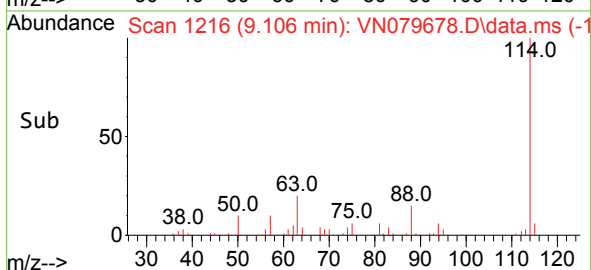
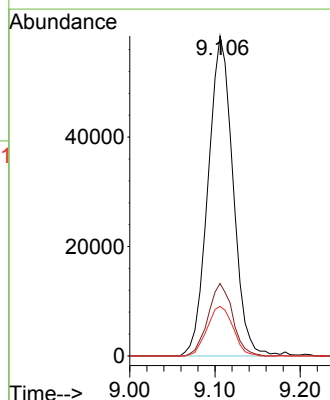
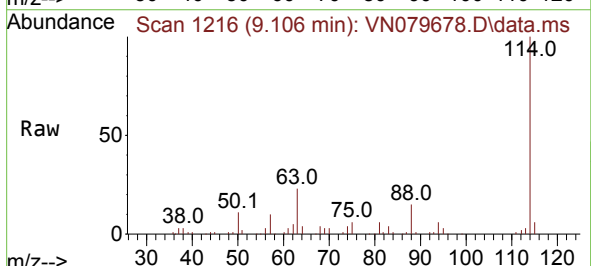
Tgt Ion: 114 Resp: 118731

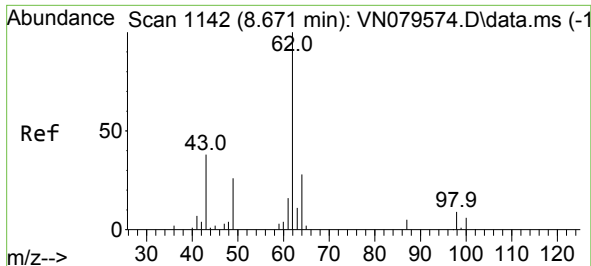
Ion Ratio Lower Upper

114 100

63 22.3 18.1 27.1

88 16.0 12.2 18.2

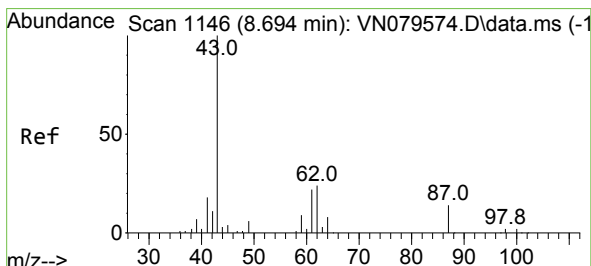
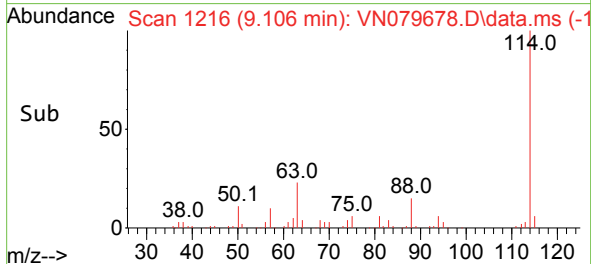
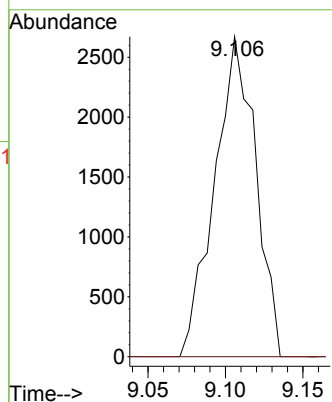
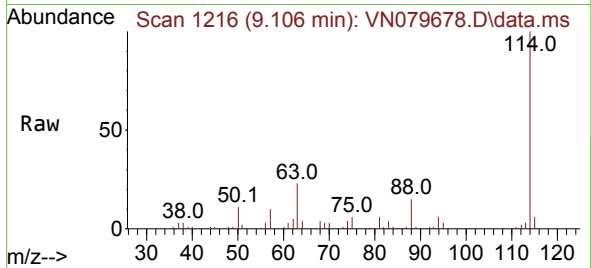




#36
1,2-Dichloroethane
Concen: 1.310 ug/l
RT: 9.106 min Scan# 1142
Delta R.T. 0.435 min
Lab File: VN079678.D
Acq: 25 Oct 2023 13:38

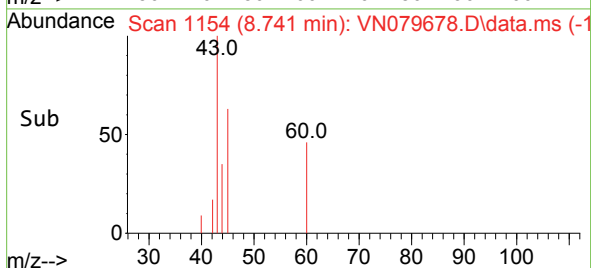
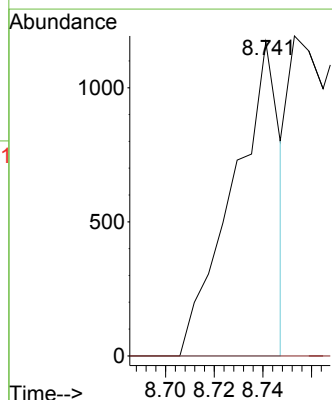
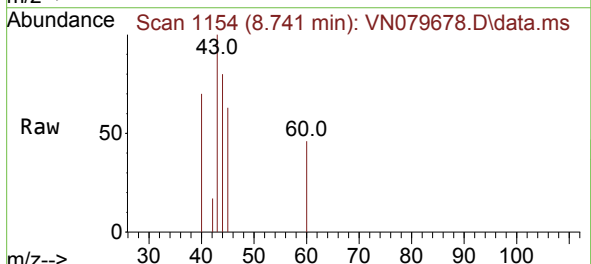
Instrument :
MSVOA_N
ClientSampleId :

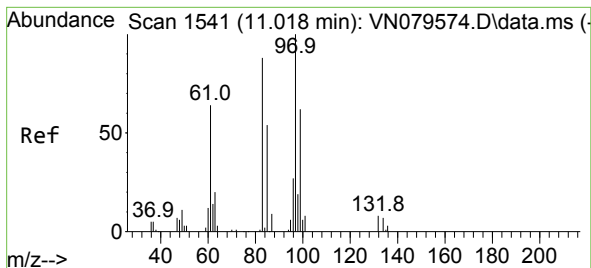
Tgt Ion: 62 Resp: 4931
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#



#44
Isopropyl Acetate
Concen: 0.271 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.047 min
Lab File: VN079678.D
Acq: 25 Oct 2023 13:38

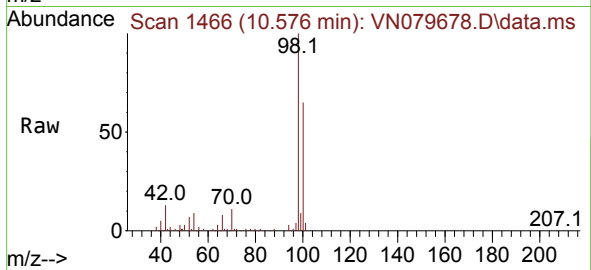
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
61 38.3 20.3 30.5#



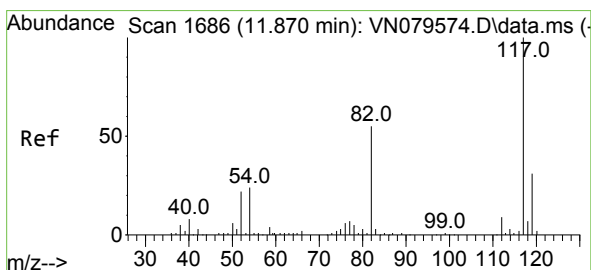
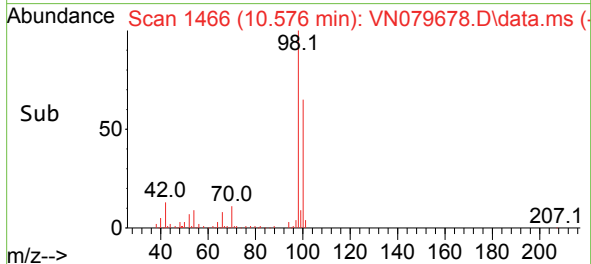
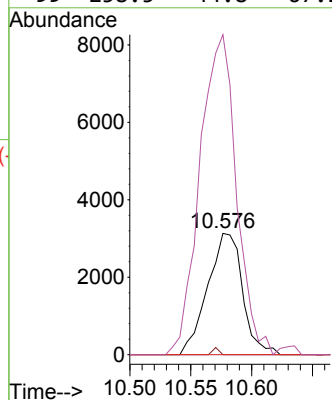


#50
1,1,2-Trichloroethane
Concen: 2.466 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. -0.441 min
Lab File: VN079678.D
Acq: 25 Oct 2023 13:38

Instrument :
MSVOA_N
ClientSampleId :

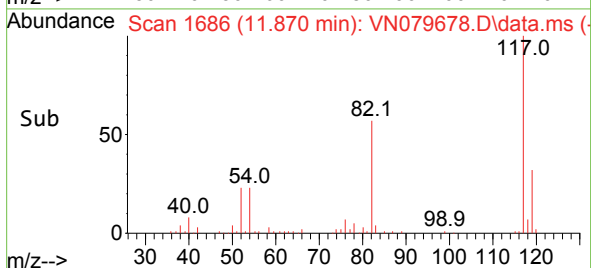
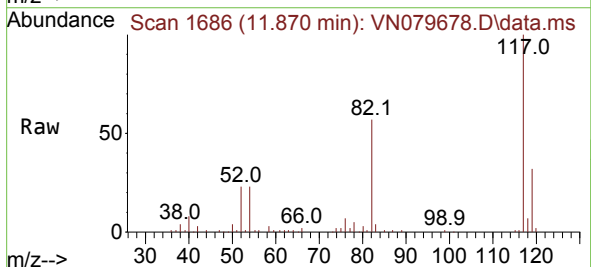
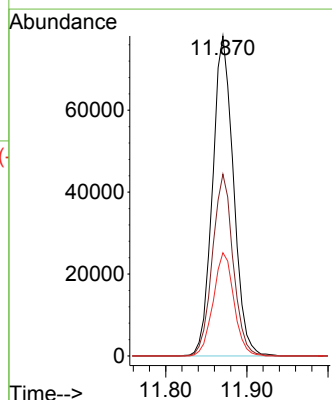


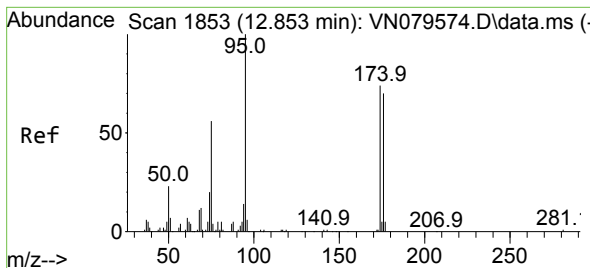
Tgt Ion: 97	Resp: 6247
Ion Ratio	Lower Upper
97 100	
83 0.0	68.2 102.4#
85 0.0	42.9 64.3#
99 258.5	44.8 67.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079678.D
Acq: 25 Oct 2023 13:38

Tgt Ion:117	Resp:	139677	
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.2	69.2
119	32.0	25.2	37.8

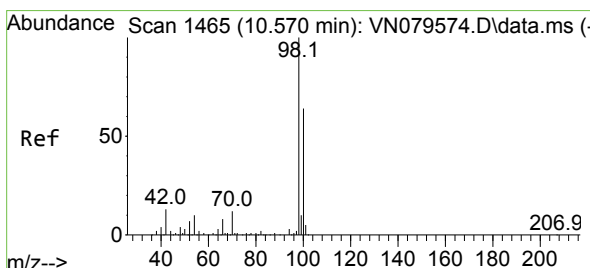
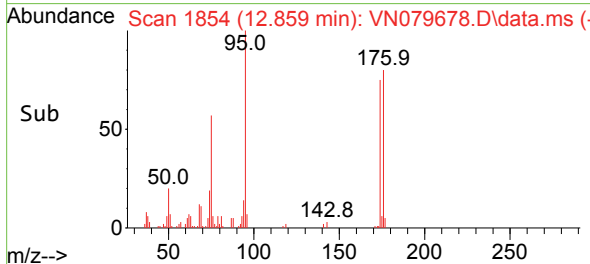
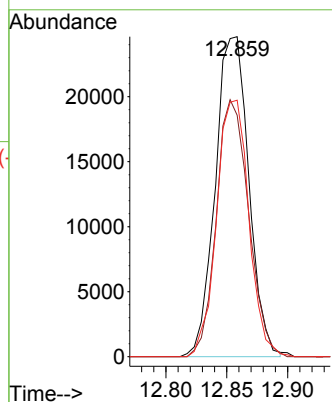
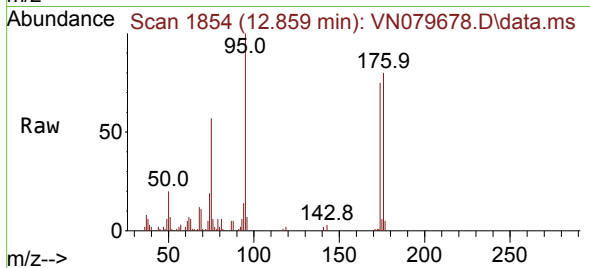




#60
4-Bromofluorobenzene
Concen: 18.451 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079678.D
Acq: 25 Oct 2023 13:38

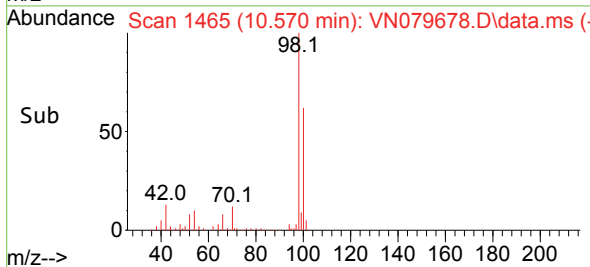
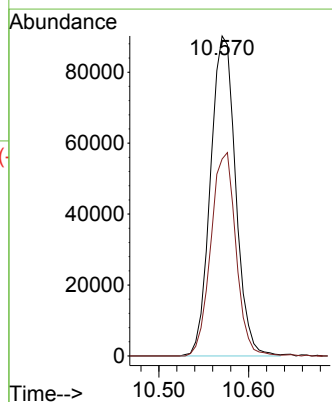
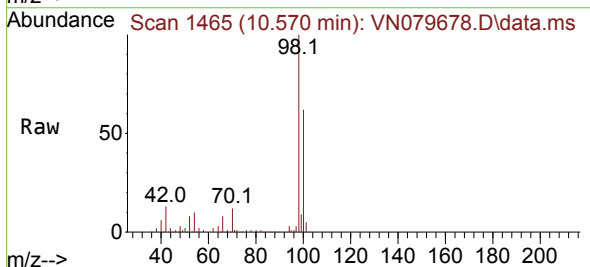
Instrument :
MSVOA_N
ClientSampleId :

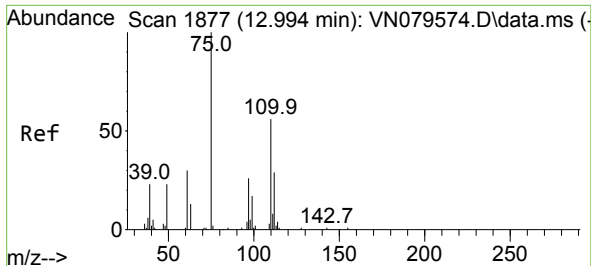
Tgt Ion: 95 Resp: 47129
Ion Ratio Lower Upper
95 100
174 77.5 60.5 90.7
176 77.1 57.2 85.8



#63
Toluene-d8
Concen: 29.289 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079678.D
Acq: 25 Oct 2023 13:38

Tgt Ion: 98 Resp: 175304
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

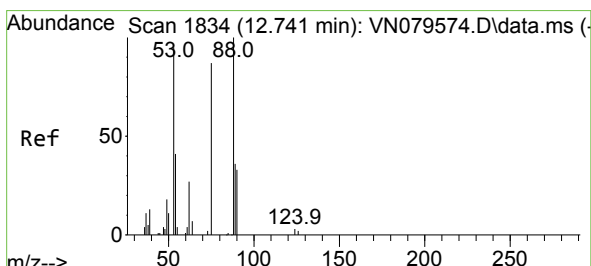
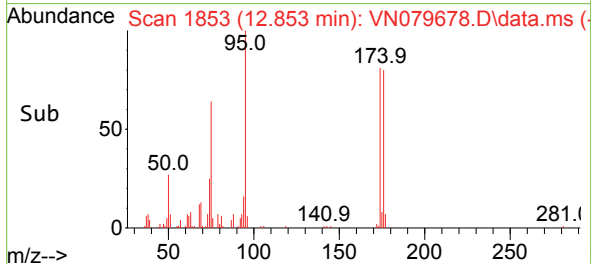
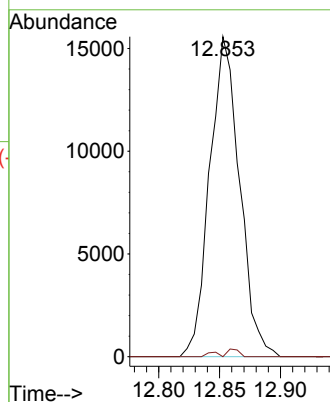
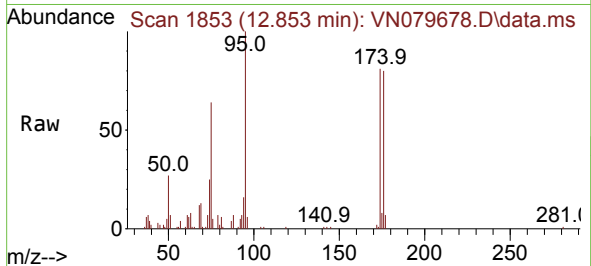




#72
1,2,3-Trichloropropane
Concen: 8.265 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079678.D
Acq: 25 Oct 2023 13:38

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 26636
Ion Ratio Lower Upper
75 100
77 0.9 0.0 338.2



#77
t-1,4-Dichloro-2-butene
Concen: 27.081 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079678.D
Acq: 25 Oct 2023 13:38

Tgt Ion: 75 Resp: 26636
Ion Ratio Lower Upper
75 100
53 0.0 53.0 159.1#
89 0.0 22.6 67.7#

