

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030955.D
 Acq On : 01 May 2023 15:03
 Operator : SY/MD
 Sample : 02528-10 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 HOA40

Quant Time: May 02 01:34:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

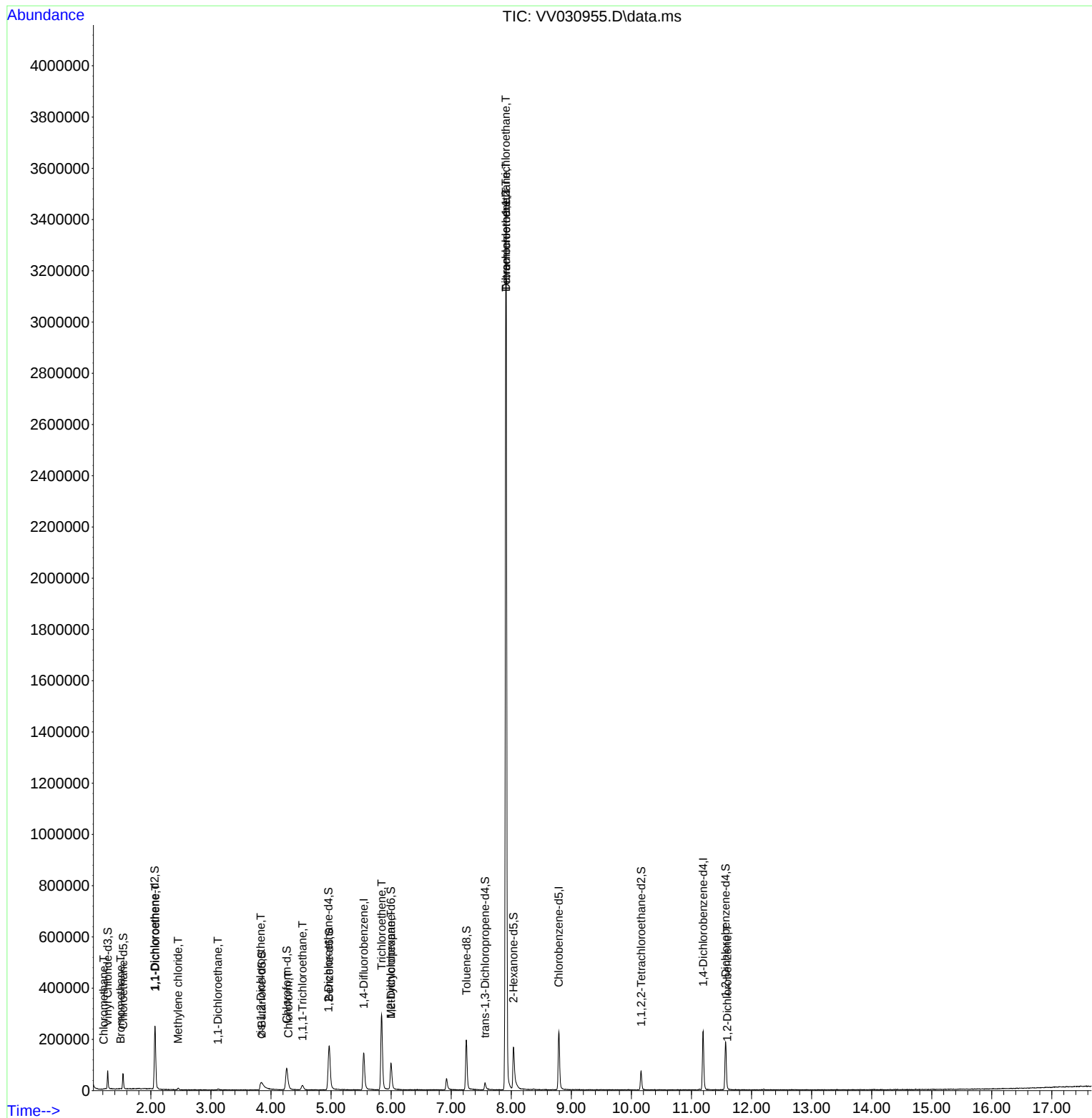
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	127647	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	128126	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	44526	4.234	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.539	69	36059	4.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.063	65	22955	4.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.844	46	73369	39.341	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.680%
24) Chloroform-d	4.262	84	85053	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	4.957	65	43732	4.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	4.970	84	144957	3.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	5.998	67	41715	3.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.400%
41) Toluene-d8	7.252	98	130848	3.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.564	79	15545	3.797	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.037	63	58396	40.715	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.440%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30939	3.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.571	152	51824	4.299	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1453	0.123	ug/L	89
6) Bromomethane	1.497	94	416	0.088	ug/L	89
12) 1,1-Dichloroethene	2.076	96	41698	4.854	ug/L	87
16) Methylene chloride	2.455	84	2690	0.277	ug/L	98
19) 1,1-Dichloroethane	3.118	63	2507	0.165	ug/L #	80
22) cis-1,2-Dichloroethene	3.828	96	1922	0.232	ug/L	88
25) Chloroform	4.291	83	7097	0.437	ug/L	97
29) 1,1,1-Trichloroethane	4.526	97	13569	0.843	ug/L	97
34) Trichloroethene	5.841	95	96233	11.201	ug/L	98
35) Methylcyclohexane	5.998	83	12232	0.919	ug/L #	18
45) 1,1,2-Trichloroethane	7.908	97	6792	1.197	ug/L #	22
47) Tetrachloroethene	7.912	164	742206	90.559	ug/L	97
49) Dibromochloromethane	7.912	129	621110	87.042	ug/L #	10
67) 1,2-Dichlorobenzene	11.596	146	1275	0.079	ug/L	91

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

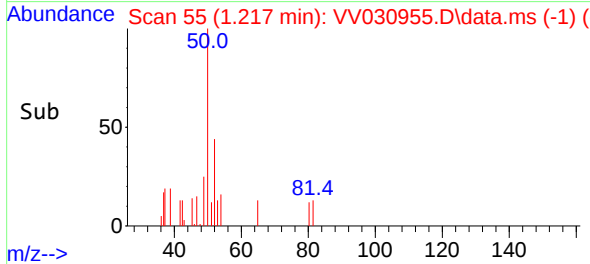
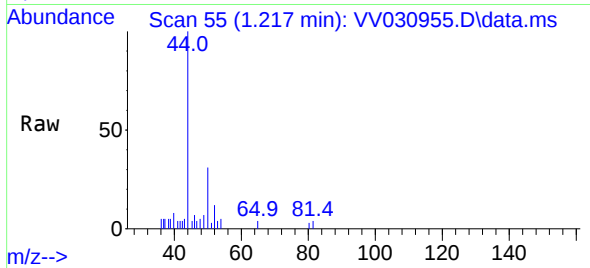
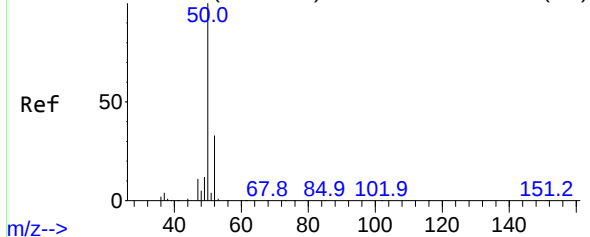
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
Data File : VV030955.D
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QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration



Abundance Scan 55 (1.217 min): VV030944.D\data.ms (-47)



#3

Chloromethane

Concen: 0.123 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030955.D

Acq: 01 May 2023 15:03

Instrument :

MSVOA_V

ClientSampleId :

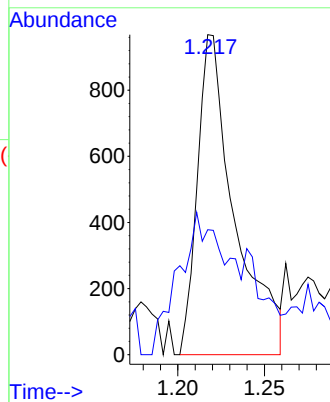
HOA40

Tgt Ion: 50 Resp: 1453

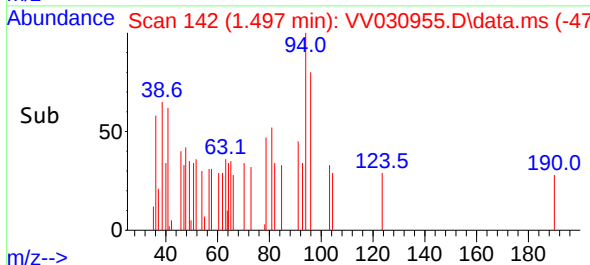
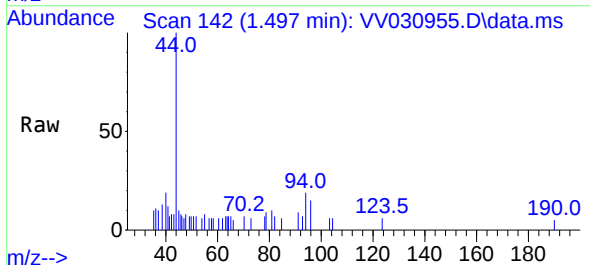
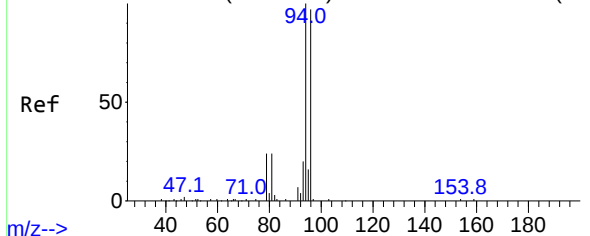
Ion Ratio Lower Upper

50 100

52 39.0 22.8 42.4



Abundance Scan 140 (1.490 min): VV030944.D\data.ms (-13)



#6

Bromomethane

Concen: 0.088 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.006 min

Lab File: VV030955.D

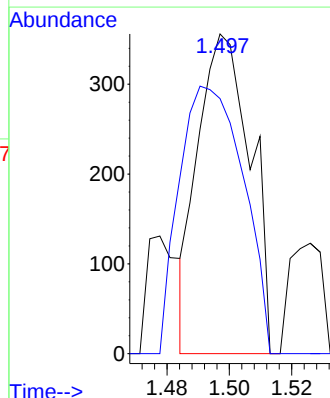
Acq: 01 May 2023 15:03

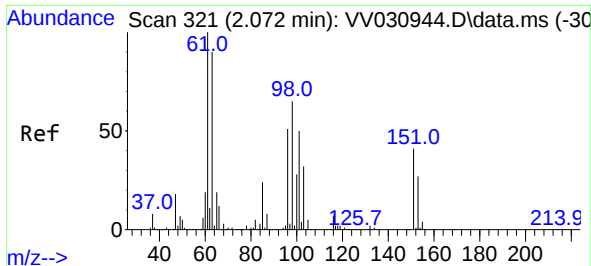
Tgt Ion: 94 Resp: 416

Ion Ratio Lower Upper

94 100

96 79.8 63.4 117.8

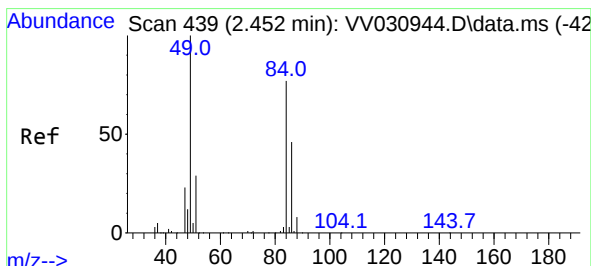
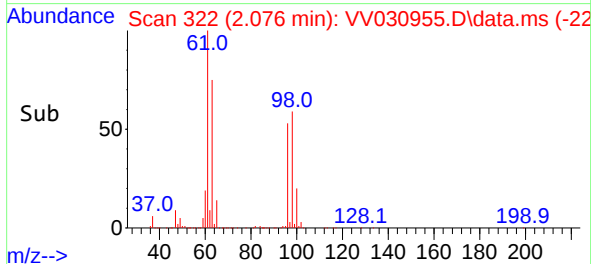
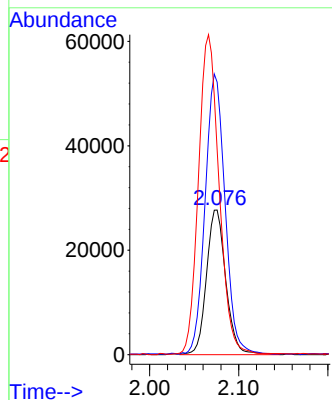
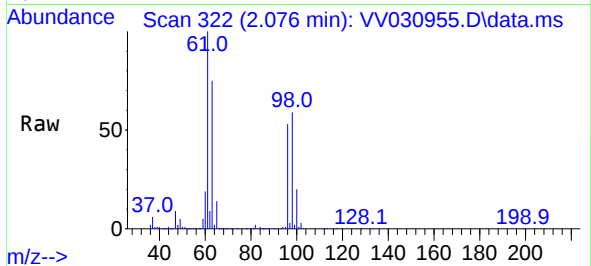




#12
1,1-Dichloroethene
Concen: 4.854 ug/L
RT: 2.076 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030955.D
Acq: 01 May 2023 15:03

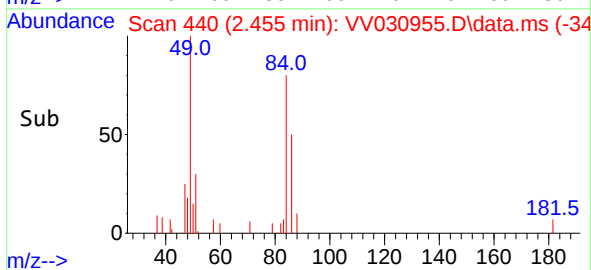
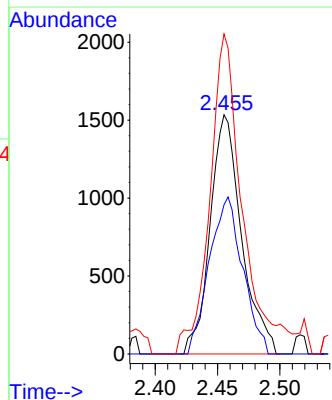
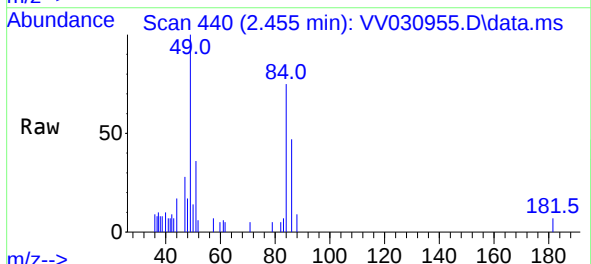
Instrument :
MSVOA_V
ClientSampleId :
HOA40

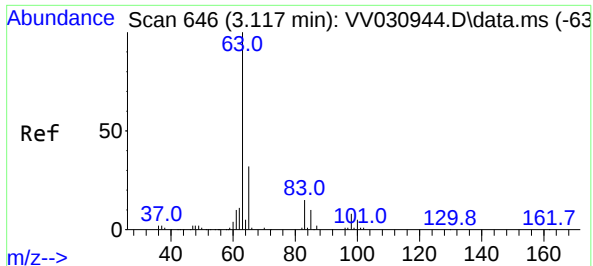
Tgt Ion: 96 Resp: 41698
Ion Ratio Lower Upper
96 100
61 188.4 135.6 251.8
63 141.5 121.1 224.9



#16
Methylene chloride
Concen: 0.277 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV030955.D
Acq: 01 May 2023 15:03

Tgt Ion: 84 Resp: 2690
Ion Ratio Lower Upper
84 100
86 62.4 46.1 85.5
49 133.7 94.3 175.1



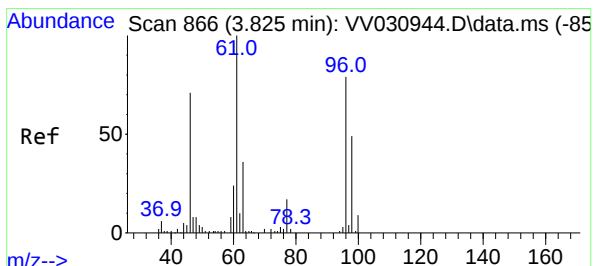
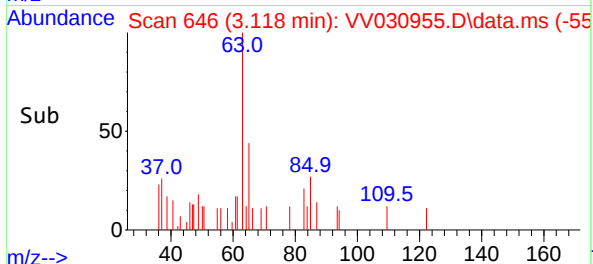
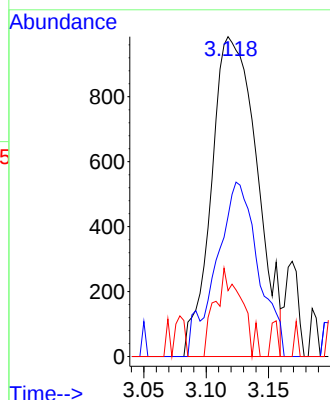
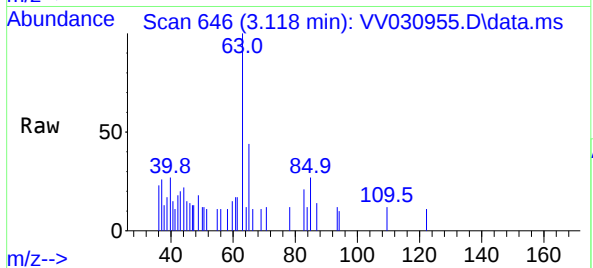


#19
1,1-Dichloroethane
Concen: 0.165 ug/L
RT: 3.118 min Scan# 646
Delta R.T. -0.003 min
Lab File: VV030955.D
Acq: 01 May 2023 15:03

Instrument :
MSVOA_V
ClientSampleId :
HOA40

Tgt Ion: 63 Resp: 2507

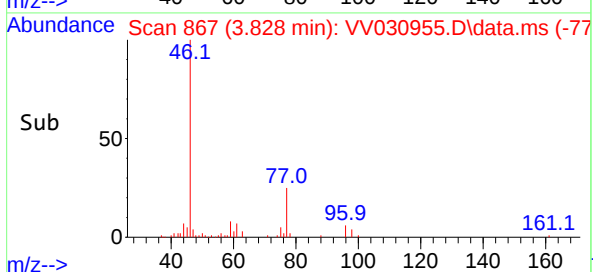
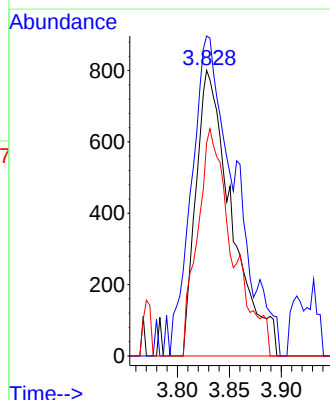
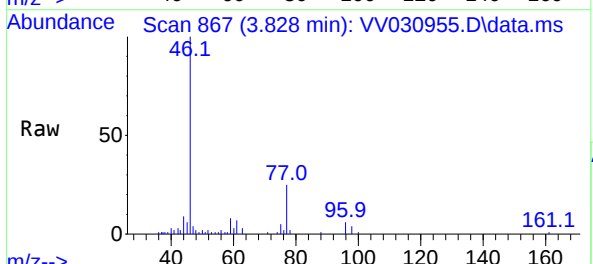
Ion	Ratio	Lower	Upper
63	100		
65	43.8	21.8	40.6#
83	20.6	10.2	19.0#

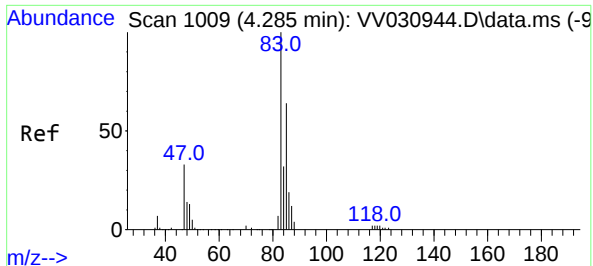


#22
cis-1,2-Dichloroethene
Concen: 0.232 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.000 min
Lab File: VV030955.D
Acq: 01 May 2023 15:03

Tgt Ion: 96 Resp: 1922

Ion	Ratio	Lower	Upper
96	100		
61	112.0	86.0	159.6
98	74.5	43.2	80.2





#25

Chloroform

Concen: 0.437 ug/L

RT: 4.291 min Scan# 1011

Delta R.T. 0.003 min

Lab File: VV030955.D

Acq: 01 May 2023 15:03

Instrument :

MSVOA_V

ClientSampleId :

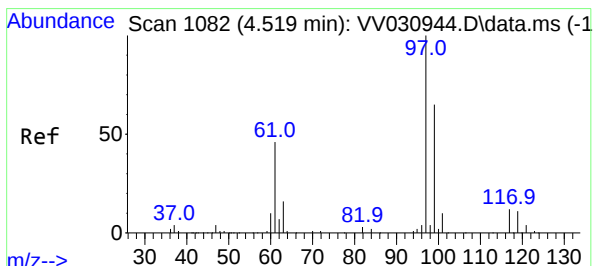
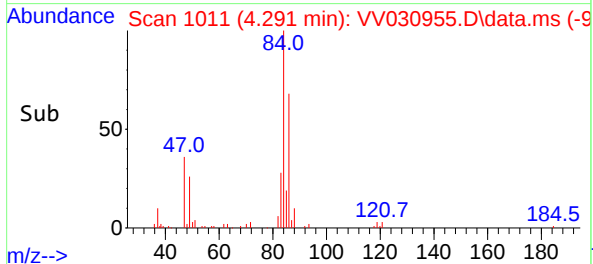
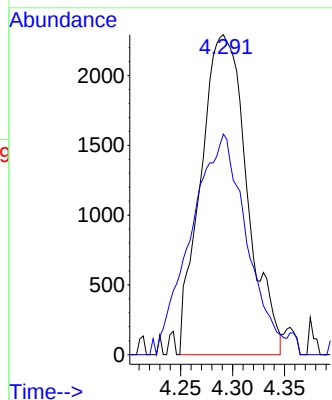
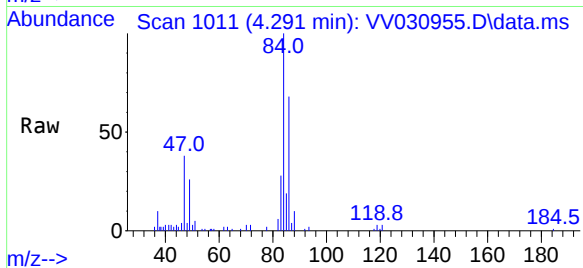
HOA40

Tgt Ion: 83 Resp: 7097

Ion Ratio Lower Upper

83 100

85 68.9 46.4 86.2



#29

1,1,1-Trichloroethane

Concen: 0.843 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.003 min

Lab File: VV030955.D

Acq: 01 May 2023 15:03

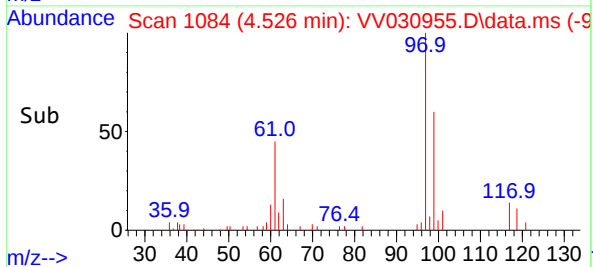
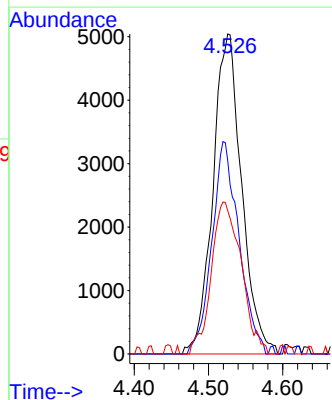
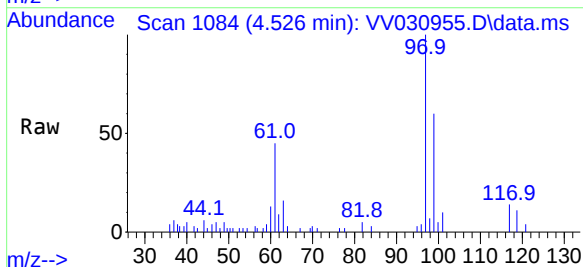
Tgt Ion: 97 Resp: 13569

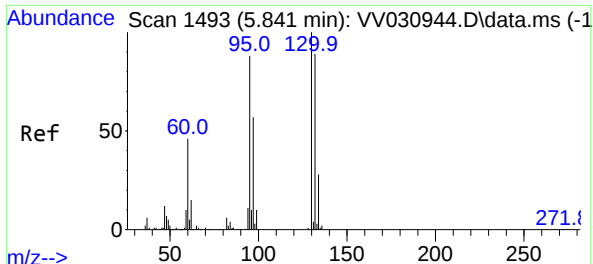
Ion Ratio Lower Upper

97 100

99 62.6 51.4 77.2

61 49.5 37.4 56.0





#34

Trichloroethene

Concen: 11.201 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.003 min

Lab File: VV030955.D

Acq: 01 May 2023 15:03

Instrument :

MSVOA_V

ClientSampleId :

HOA40

Tgt Ion: 95 Resp: 96233

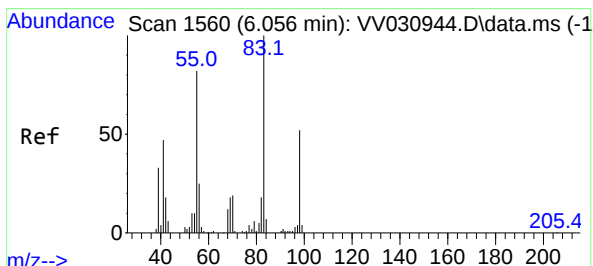
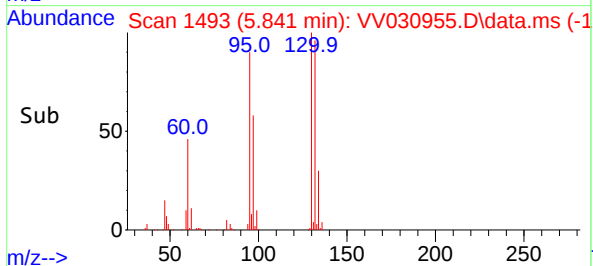
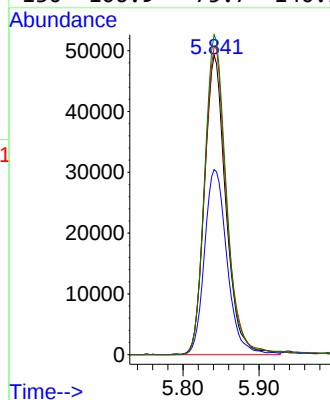
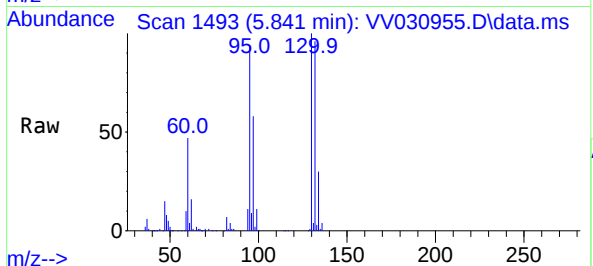
Ion Ratio Lower Upper

95 100

97 61.8 46.2 85.8

132 102.8 72.7 135.1

130 106.9 75.7 140.5



#35

Methylcyclohexane

Concen: 0.919 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030955.D

Acq: 01 May 2023 15:03

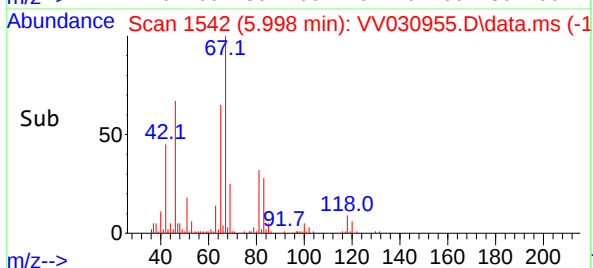
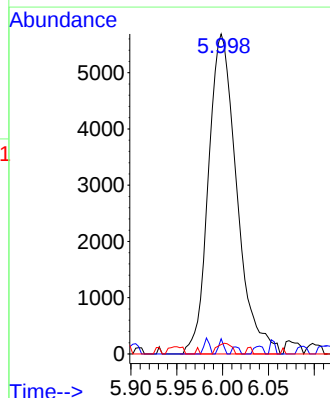
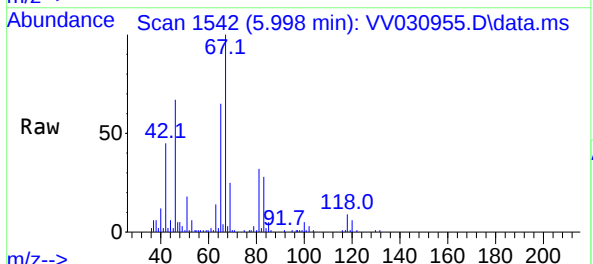
Tgt Ion: 83 Resp: 12232

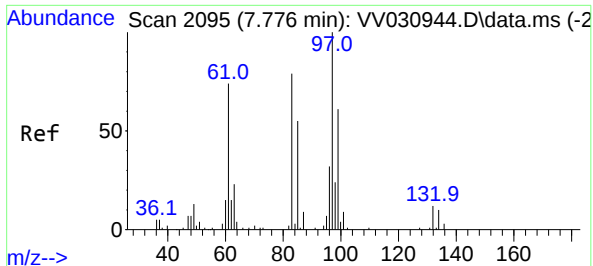
Ion Ratio Lower Upper

83 100

55 0.8 62.9 94.3#

98 1.7 40.5 60.7#



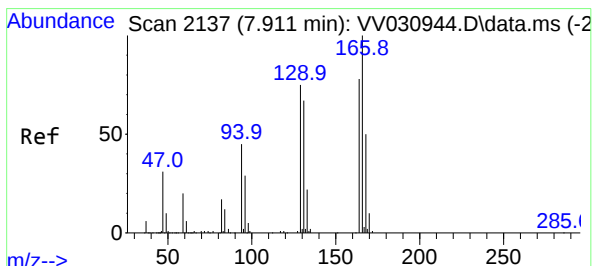
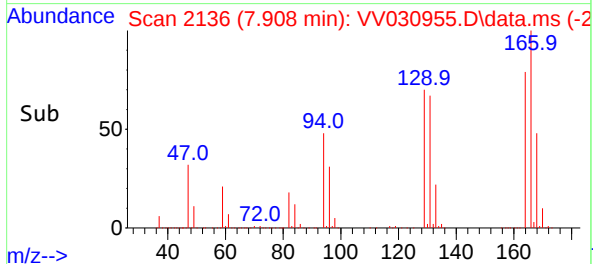
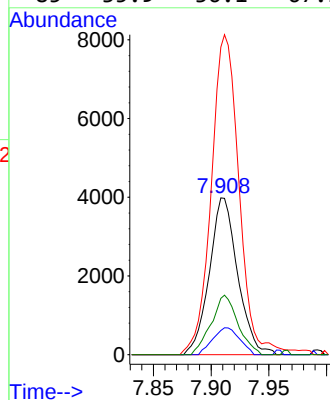
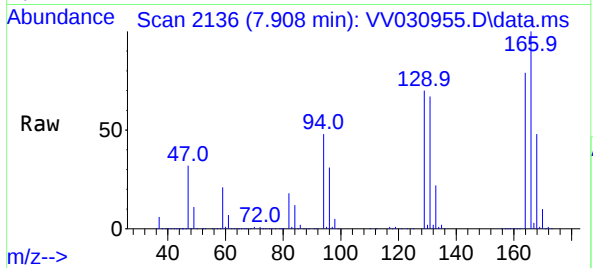


#45
1,1,2-Trichloroethane
Concen: 1.197 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.129 min
Lab File: VV030955.D
Acq: 01 May 2023 15:03

Instrument :
MSVOA_V
ClientSampleId :
HOA40

Tgt Ion: 97 Resp: 6792

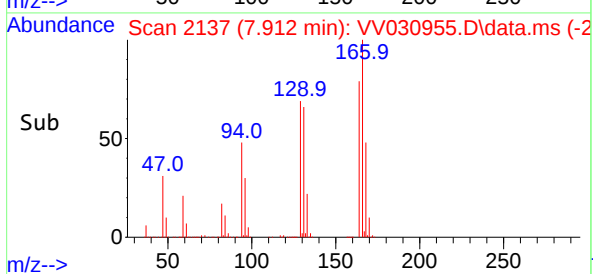
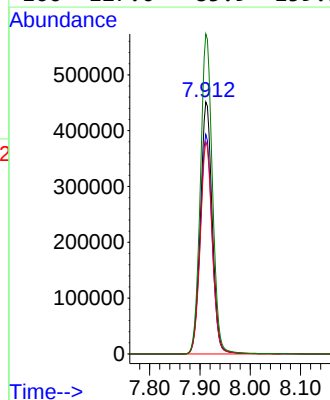
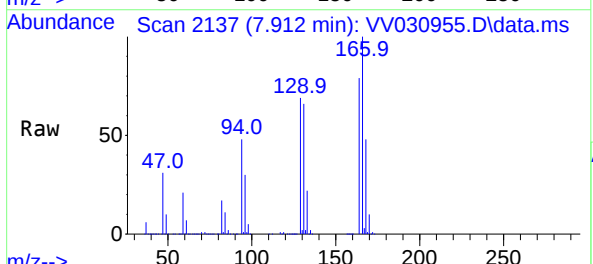
Ion	Ratio	Lower	Upper
97	100		
99	15.4	42.8	79.6#
83	196.1	57.5	106.7#
85	35.9	36.1	67.1#

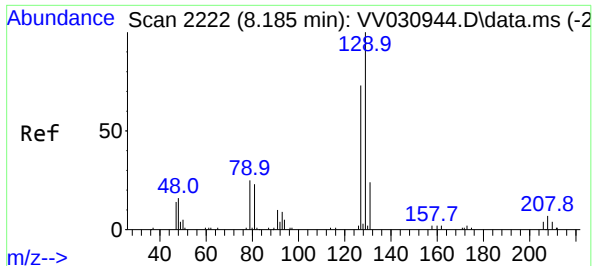


#47
Tetrachloroethene
Concen: 90.559 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030955.D
Acq: 01 May 2023 15:03

Tgt Ion: 164 Resp: 742206

Ion	Ratio	Lower	Upper
164	100		
129	87.1	60.5	112.3
131	84.2	60.8	112.8
166	127.0	85.9	159.5





#49

Dibromochloromethane

Concen: 87.042 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030955.D

Acq: 01 May 2023 15:03

Instrument :

MSVOA_V

ClientSampleId :

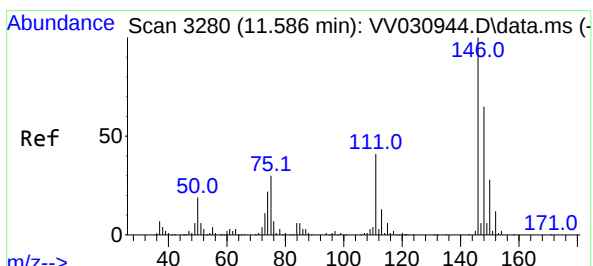
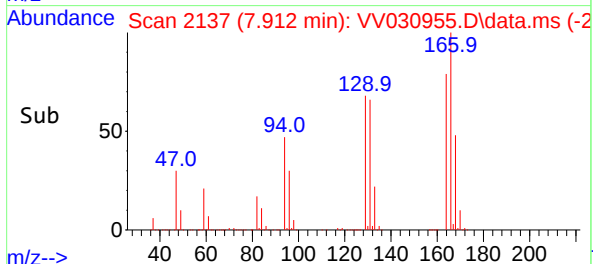
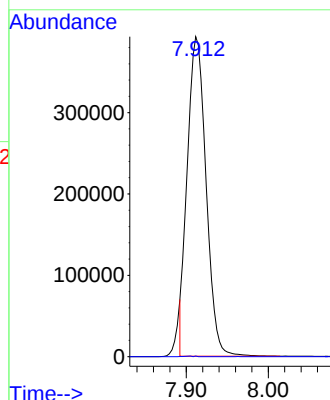
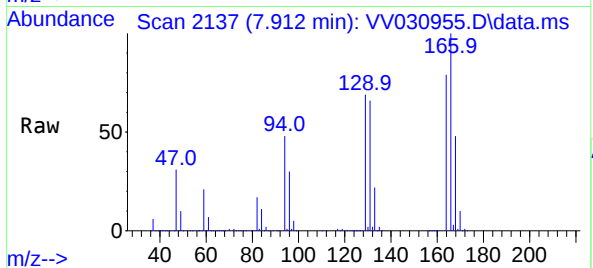
HOA40

Tgt Ion:129 Resp: 621110

Ion Ratio Lower Upper

129 100

127 0.2 55.3 102.7#



#67

1,2-Dichlorobenzene

Concen: 0.079 ug/L

RT: 11.596 min Scan# 3283

Delta R.T. 0.010 min

Lab File: VV030955.D

Acq: 01 May 2023 15:03

Tgt Ion:146 Resp: 1275

Ion Ratio Lower Upper

146 100

111 44.7 34.0 51.0

148 77.4 53.8 80.6

