

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031623\
 Data File : VW030223.D
 Acq On : 16 Mar 2023 15:22
 Operator : SY/MD
 Sample : 01947-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB933

Quant Time: Mar 17 05:48:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 05:46:57 2023
 Response via : Initial Calibration

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

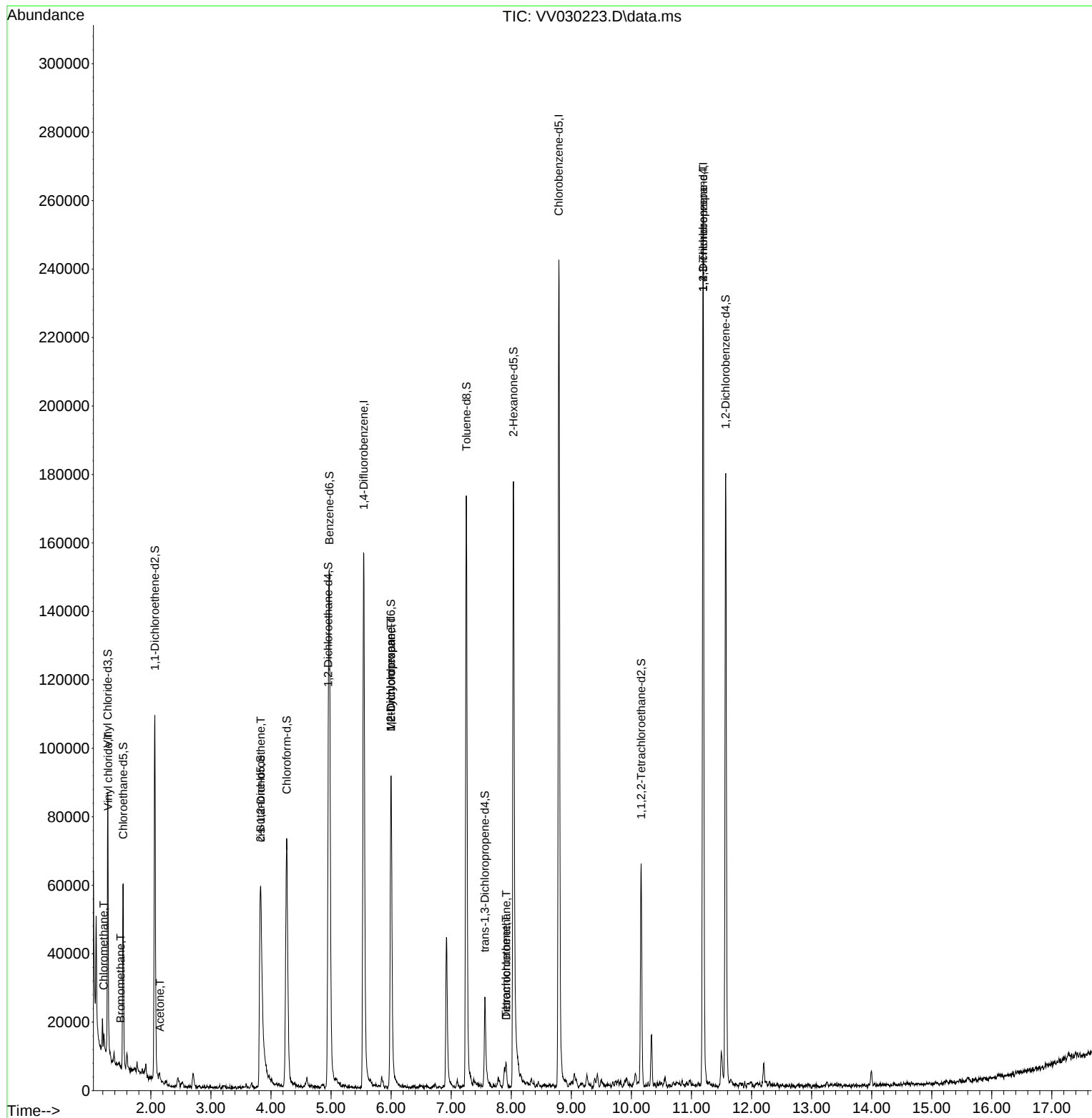
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	131576	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	131029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	67478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	35665	4.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.539	69	33252	4.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.066	63	56983	3.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.825	46	80210	51.100	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.200%
24) Chloroform-d	4.262	84	74267	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.953	65	36795	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	4.973	84	134565	3.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	5.998	67	42410	3.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.252	98	117789	3.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	7.561	79	15906	4.383	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.037	63	64077	42.680	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.360%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29102	3.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	45037	3.945	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds						Qvalue
3) Chloromethane	1.217	50	4228	0.251	ug/L	98
5) Vinyl chloride	1.288	62	3217	0.287	ug/L #	72
6) Bromomethane	1.497	94	291	0.145	ug/L	81
13) Acetone	2.150	43	2500	2.155	ug/L	88
22) cis-1,2-Dichloroethene	3.828	96	14389	1.550	ug/L	93
35) Methylcyclohexane	5.998	83	10943	0.721	ug/L #	21
37) 1,2-Dichloropropane	5.998	63	5445	0.598	ug/L #	88
47) Tetrachloroethene	7.915	164	1185	0.138	ug/L	87
49) Dibromochloromethane	7.918	129	1212	0.159	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	7879	1.745	ug/L #	68

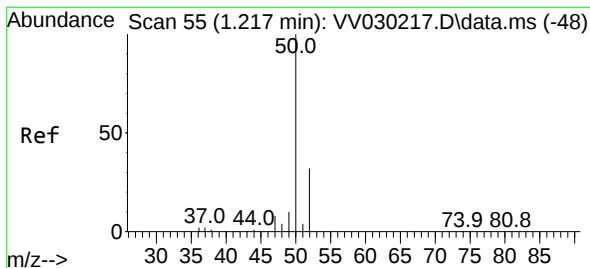
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.251 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030223.D

Acq: 16 Mar 2023 15:22

Instrument :

MSVOA_V

ClientSampleId :

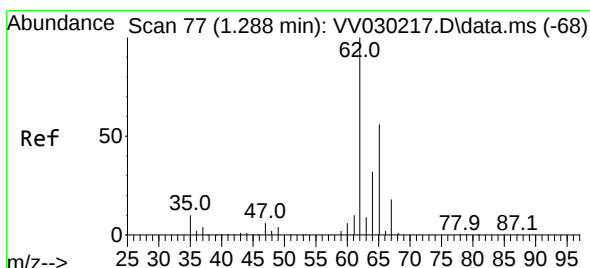
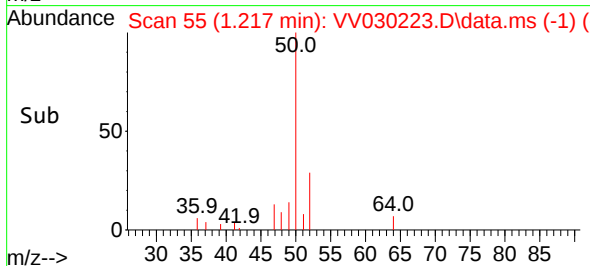
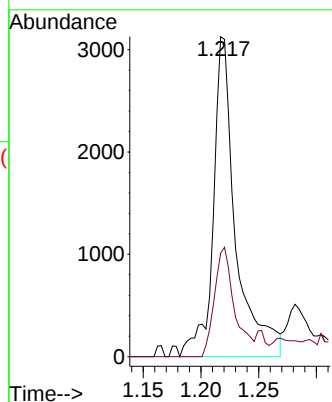
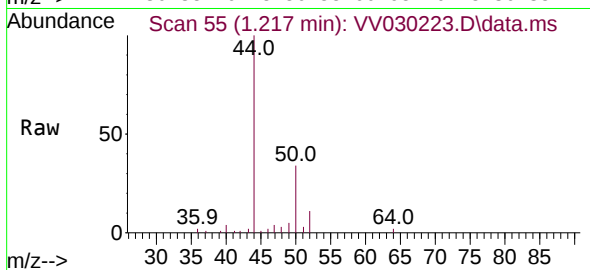
CB933

Tgt Ion: 50 Resp: 4228

Ion Ratio Lower Upper

50 100

52 32.4 23.6 43.8



#5

Vinyl chloride

Concen: 0.287 ug/L

RT: 1.288 min Scan# 77

Delta R.T. 0.000 min

Lab File: VV030223.D

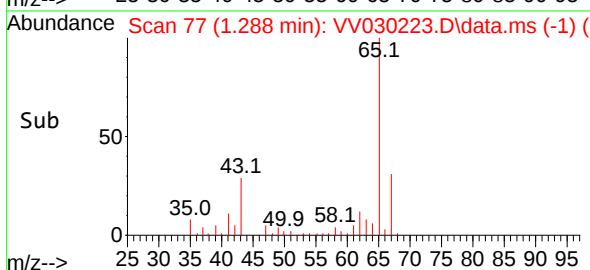
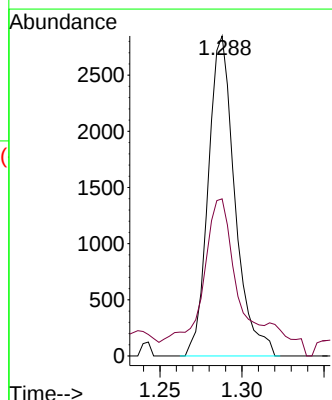
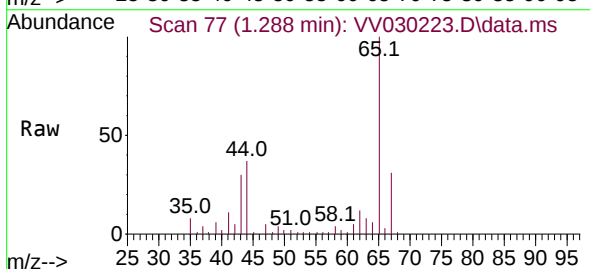
Acq: 16 Mar 2023 15:22

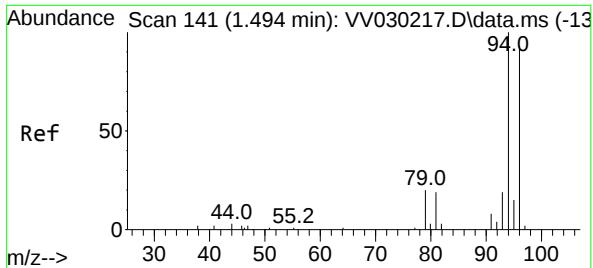
Tgt Ion: 62 Resp: 3217

Ion Ratio Lower Upper

62 100

64 49.1 23.1 42.9#

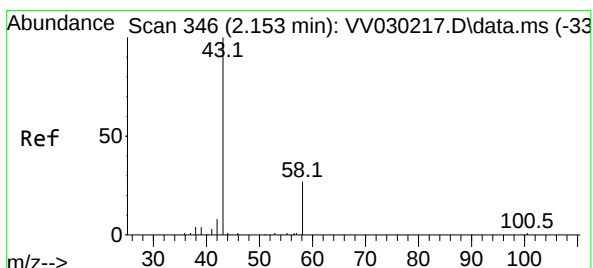
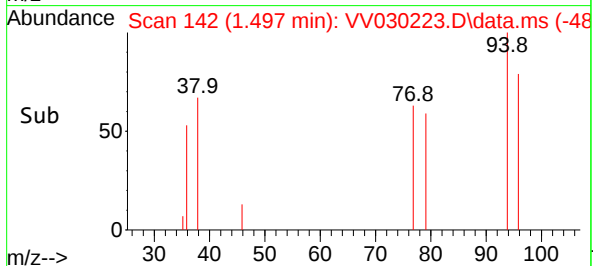
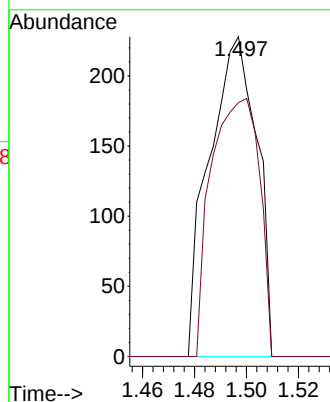
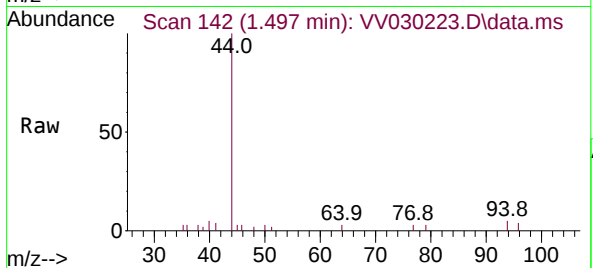




#6
Bromomethane
Concen: 0.145 ug/L
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030223.D
Acq: 16 Mar 2023 15:22

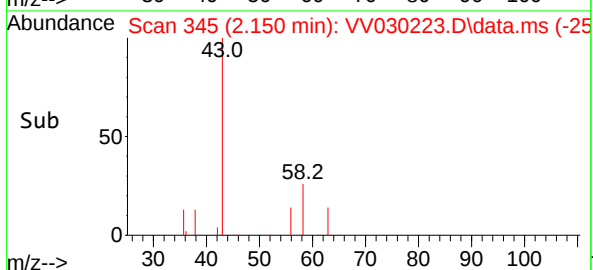
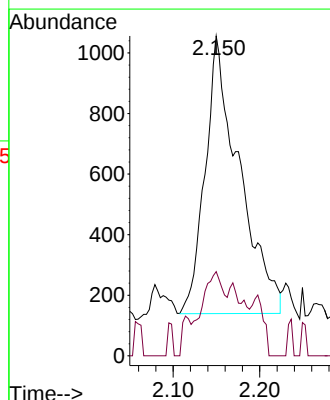
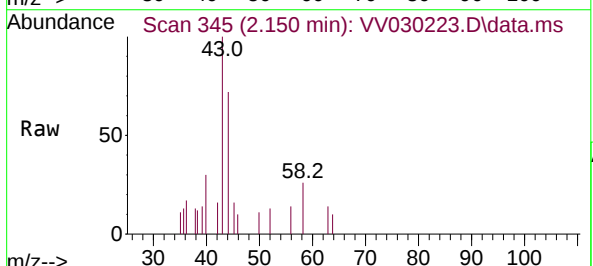
Instrument :
MSVOA_V
ClientSampleId :
CB933

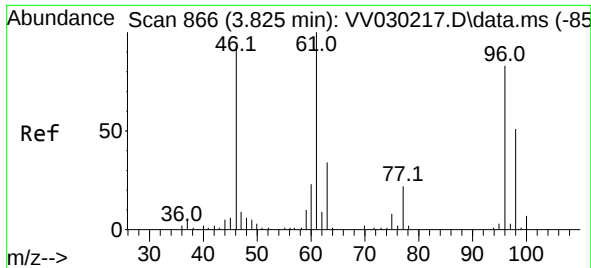
Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 79.4 68.4 127.0



#13
Acetone
Concen: 2.155 ug/L
RT: 2.150 min Scan# 345
Delta R.T. -0.003 min
Lab File: VV030223.D
Acq: 16 Mar 2023 15:22

Tgt Ion: 43 Resp: 2500
Ion Ratio Lower Upper
43 100
58 19.5 0.0 29.4

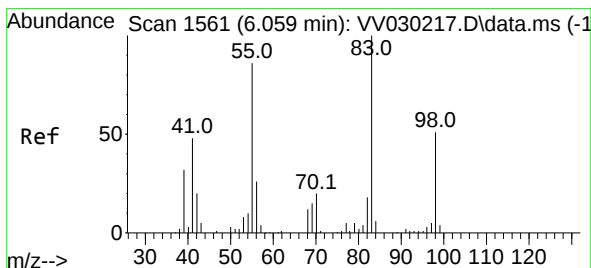
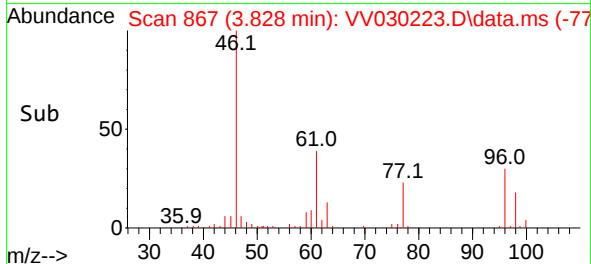
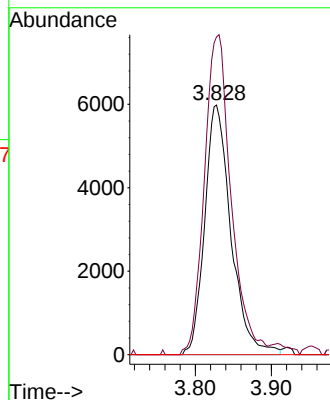
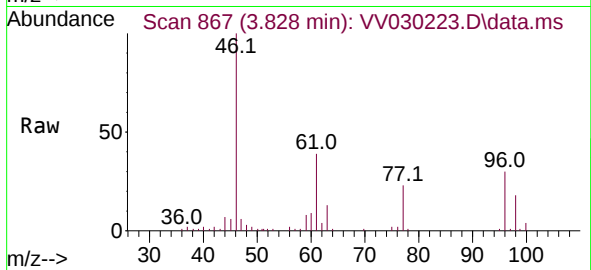




#22
cis-1,2-Dichloroethene
Concen: 1.550 ug/L
RT: 3.828 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV030223.D
Acq: 16 Mar 2023 15:22

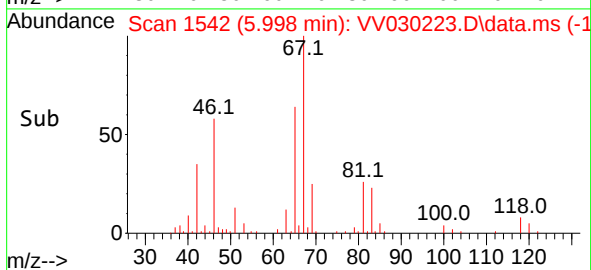
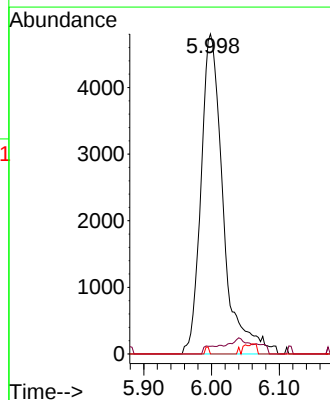
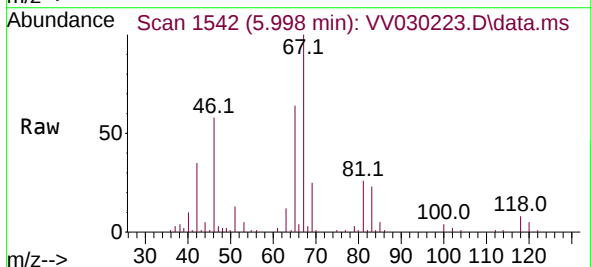
Instrument :
MSVOA_V
ClientSampleId :
CB933

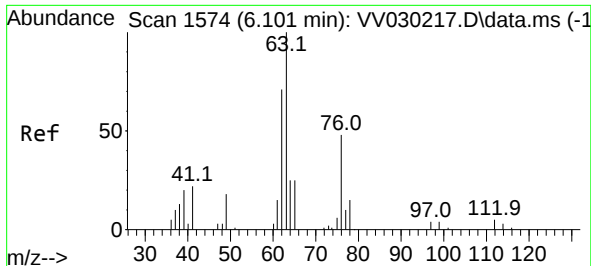
Tgt Ion: 96 Resp: 14389
Ion Ratio Lower Upper
96 100
61 127.3 83.4 154.8
68 0.0 0.0 0.0



#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030223.D
Acq: 16 Mar 2023 15:22

Tgt Ion: 83 Resp: 10943
Ion Ratio Lower Upper
83 100
55 1.2 57.6 86.4#
98 0.4 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.598 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030223.D

Acq: 16 Mar 2023 15:22

Instrument :

MSVOA_V

ClientSampleId :

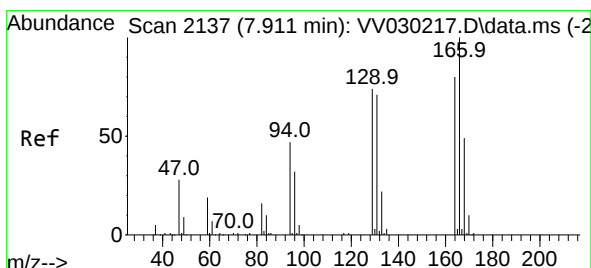
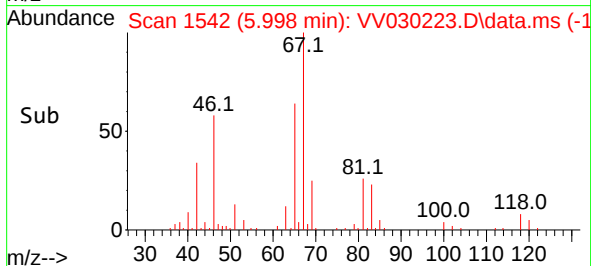
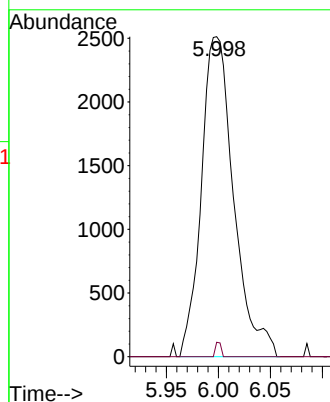
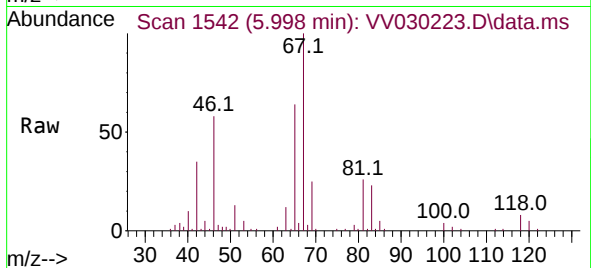
CB933

Tgt Ion: 63 Resp: 5445

Ion Ratio Lower Upper

63 100

112 0.8 3.8 5.6#



#47

Tetrachloroethene

Concen: 0.138 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030223.D

Acq: 16 Mar 2023 15:22

Tgt Ion: 164 Resp: 1185

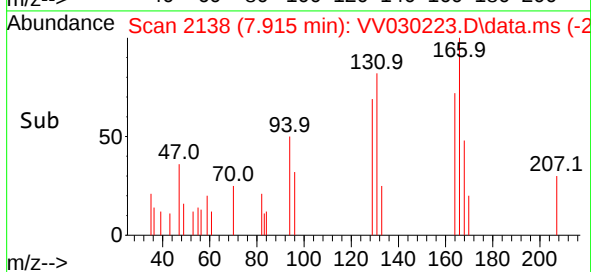
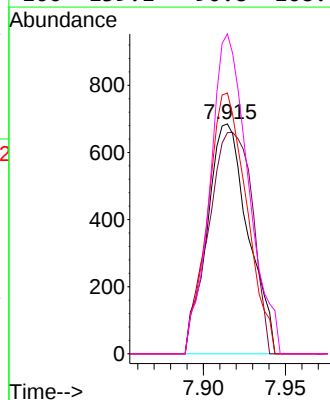
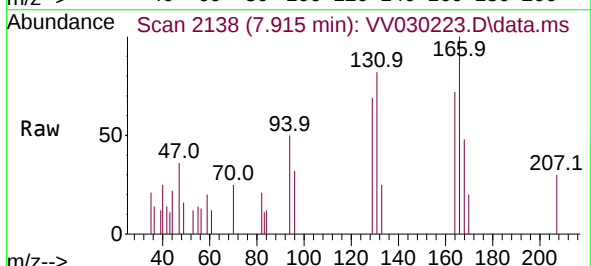
Ion Ratio Lower Upper

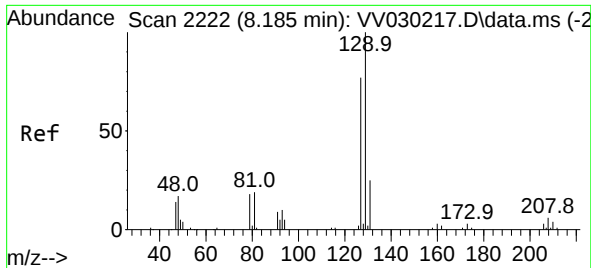
164 100

129 96.2 63.6 118.2

131 113.4 61.7 114.7

166 139.1 90.8 168.6

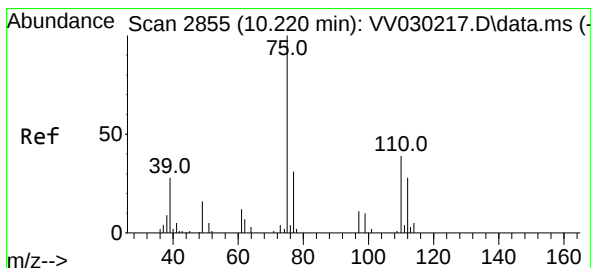
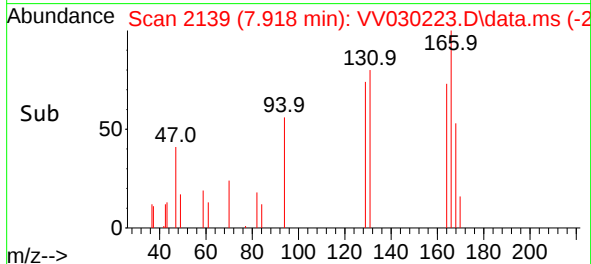
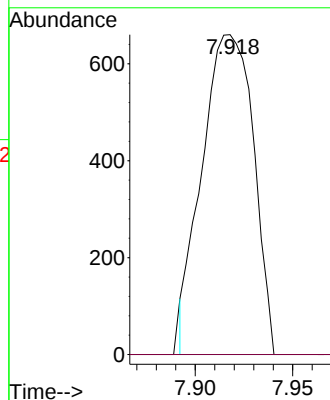
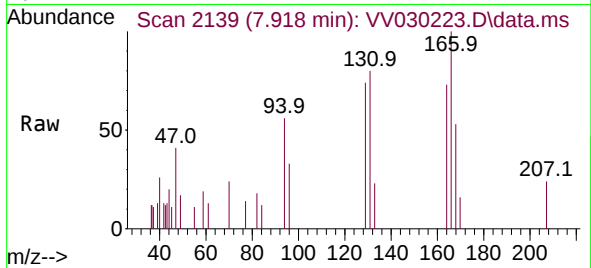




#49
Dibromochloromethane
Concen: 0.159 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. -0.267 min
Lab File: VV030223.D
Acq: 16 Mar 2023 15:22

Instrument :
MSVOA_V
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Tgt Ion:129 Resp: 1212
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#



#61
1,2,3-Trichloropropane
Concen: 1.745 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.974 min
Lab File: VV030223.D
Acq: 16 Mar 2023 15:22

Tgt Ion: 75 Resp: 7879
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7
110 3.3 31.8 47.6#

