

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030266.D
 Acq On : 20 Mar 2023 18:45
 Operator : SY/MD
 Sample : 01996-05DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A26DL

Quant Time: Mar 21 02:58:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

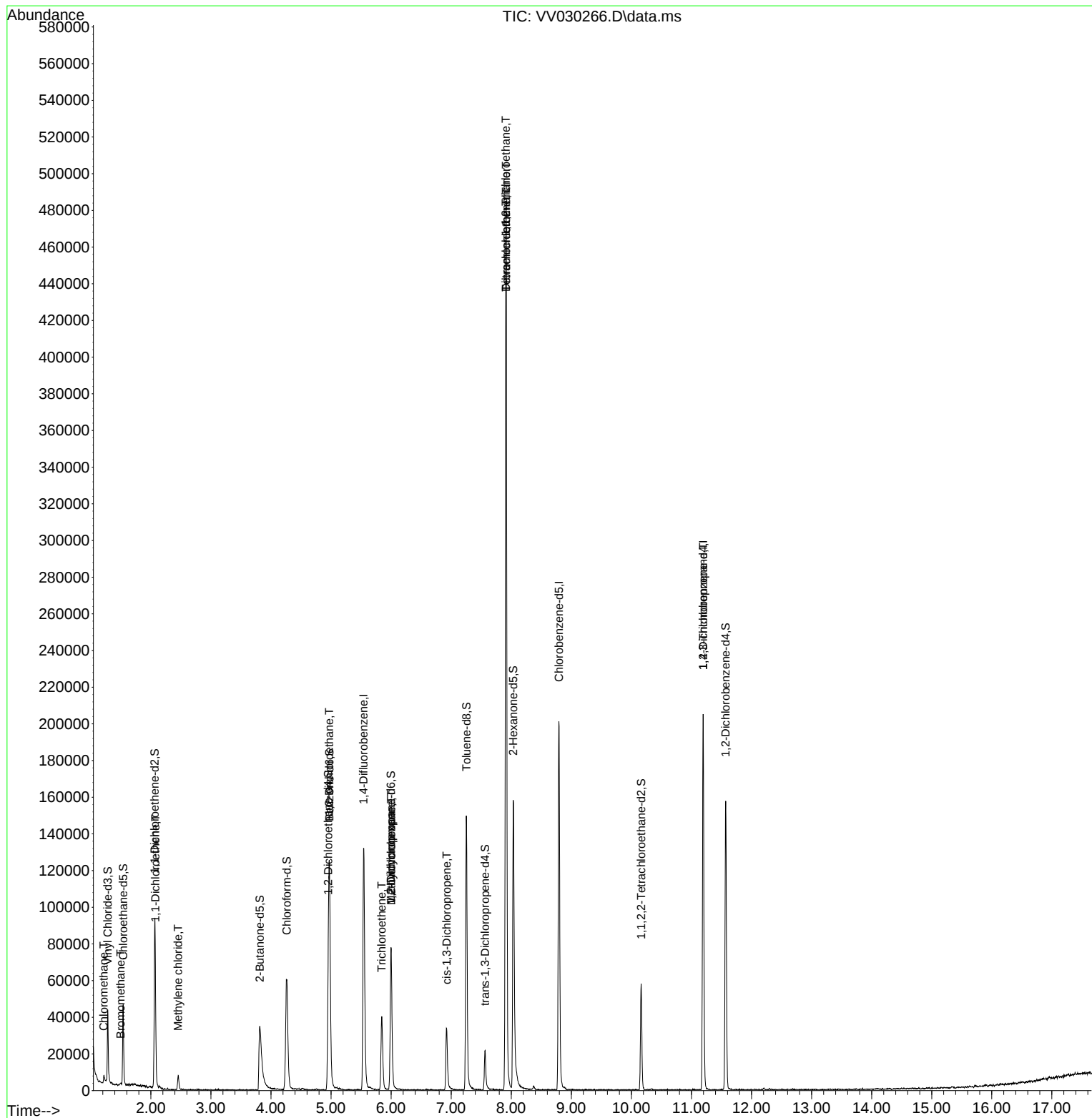
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	113375	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	112646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	25948	3.537	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.539	69	25852	3.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.066	63	46540	3.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	3.812	46	70036	51.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.560%
24) Chloroform-d	4.262	84	64045	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.953	65	33398	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	4.973	84	110583	3.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	5.998	67	34309	3.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.252	98	97916	3.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	7.564	79	12330	3.952	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.034	63	56470	43.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.500%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	26253	4.047	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	41062	4.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2259	0.155	ug/L	97
6) Bromomethane	1.497	94	238	0.137	ug/L	99
12) 1,1-Dichloroethene	2.076	96	5286	0.695	ug/L #	1
16) Methylene chloride	2.455	84	2956	0.318	ug/L	91
27) 1,2-Dichloroethane	4.969	62	726	0.099	ug/L #	71
34) Trichloroethene	5.844	95	13844	1.606	ug/L	98
35) Methylcyclohexane	6.001	83	9464	0.725	ug/L #	20
37) 1,2-Dichloropropane	6.001	63	4792	0.612	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	982	0.086	ug/L #	61
45) 1,1,2-Trichloroethane	7.908	97	877	0.157	ug/L #	1
47) Tetrachloroethene	7.915	164	107236	14.492	ug/L	100
49) Dibromochloromethane	7.915	129	92840	14.167	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	5893	1.586	ug/L #	65

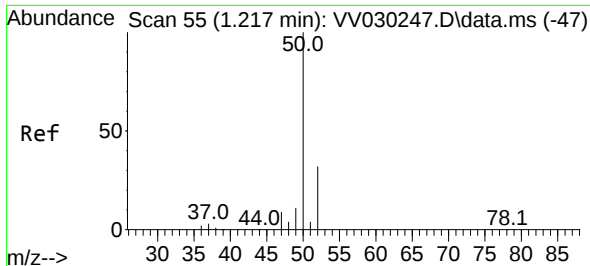
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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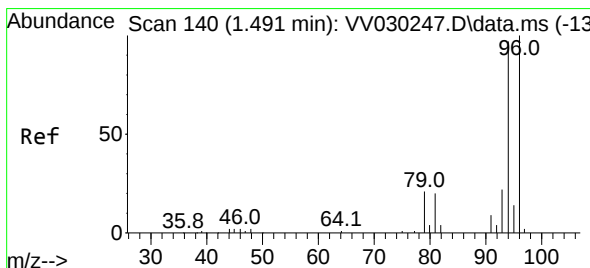
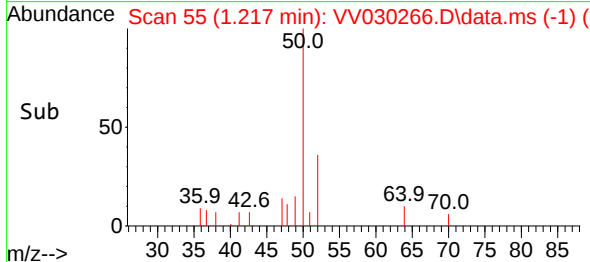
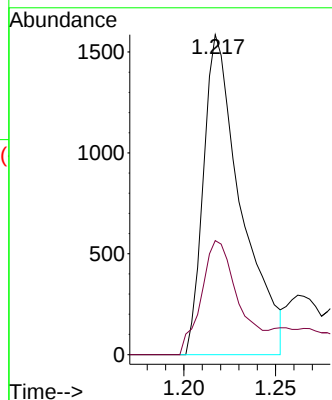
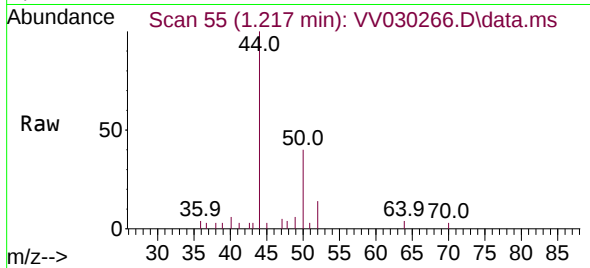




#3
Chloromethane
Concen: 0.155 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030266.D
Acq: 20 Mar 2023 18:45

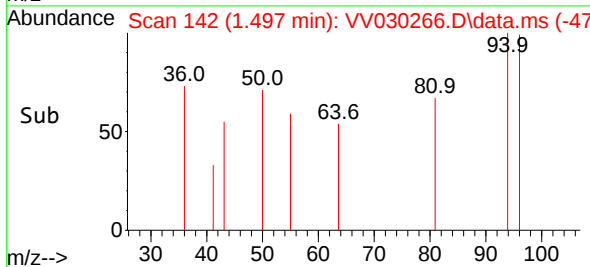
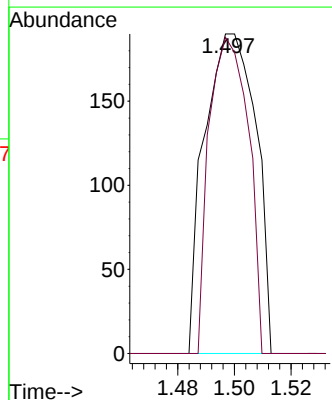
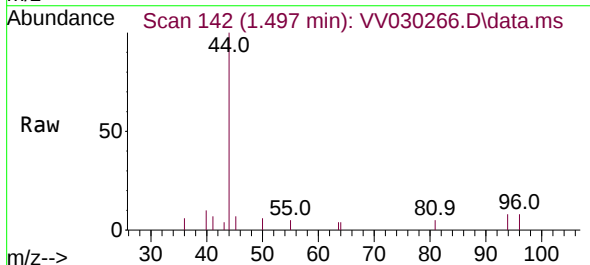
Instrument :
MSVOA_V
ClientSampleId :
H0A26DL

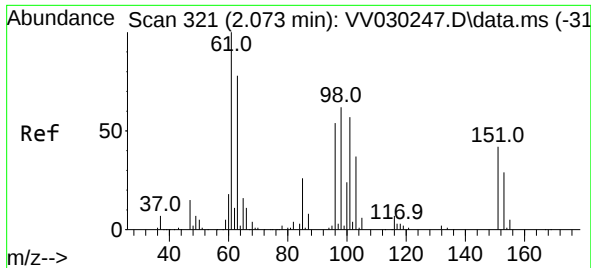
Tgt Ion: 50 Resp: 2259
Ion Ratio Lower Upper
50 100
52 35.6 23.6 43.8



#6
Bromomethane
Concen: 0.137 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030266.D
Acq: 20 Mar 2023 18:45

Tgt Ion: 94 Resp: 238
Ion Ratio Lower Upper
94 100
96 98.9 68.4 127.0





#12

1,1-Dichloroethene

Concen: 0.695 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030266.D

Acq: 20 Mar 2023 18:45

Instrument :

MSVOA_V

ClientSampleId :

H0A26DL

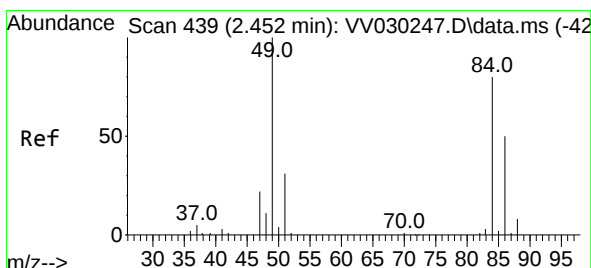
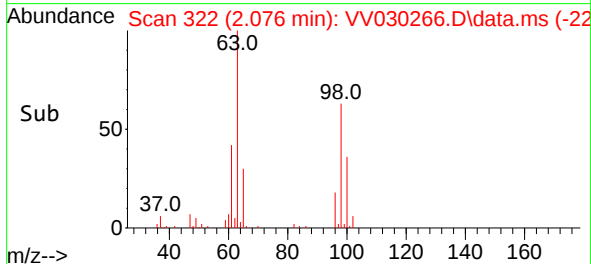
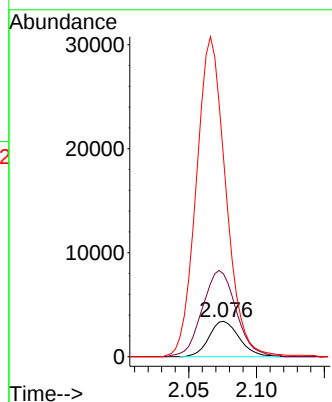
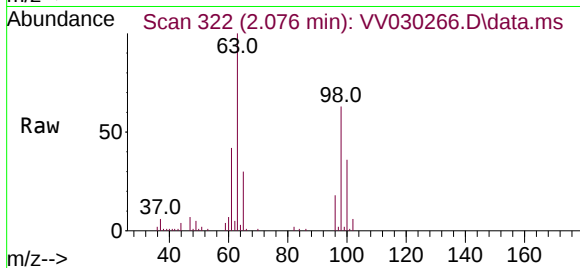
Tgt Ion: 96 Resp: 5286

Ion Ratio Lower Upper

96 100

61 234.2 115.6 214.6#

63 562.4 85.6 159.0#



#16

Methylene chloride

Concen: 0.318 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030266.D

Acq: 20 Mar 2023 18:45

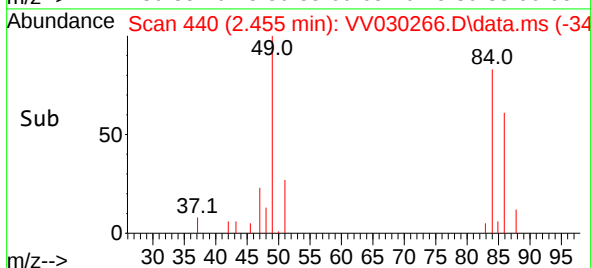
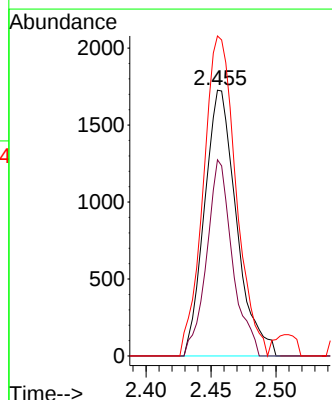
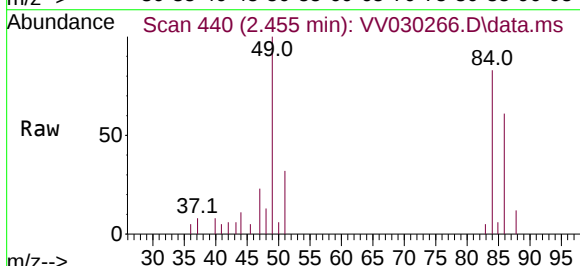
Tgt Ion: 84 Resp: 2956

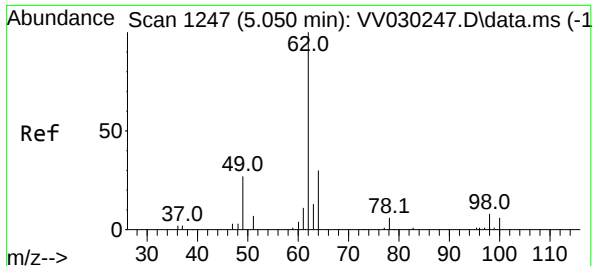
Ion Ratio Lower Upper

84 100

86 73.8 44.7 83.1

49 120.4 78.8 146.3





#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 4.969 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV030266.D

Acq: 20 Mar 2023 18:45

Instrument :

MSVOA_V

ClientSampleId :

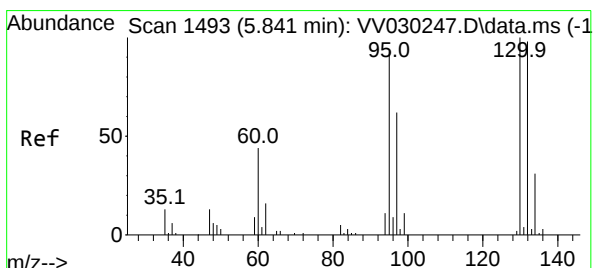
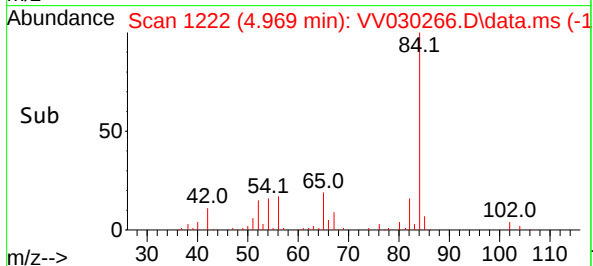
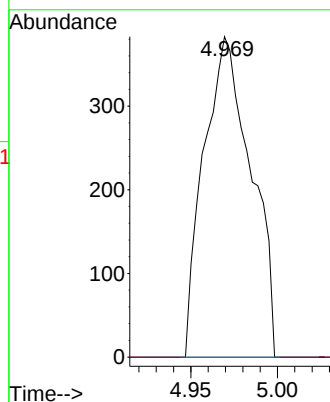
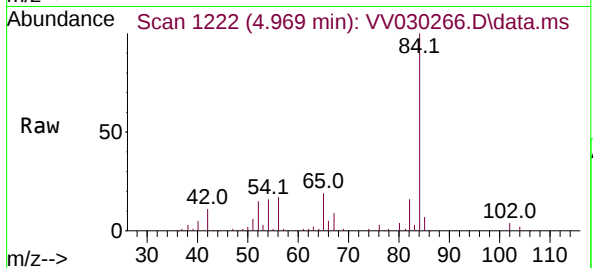
H0A26DL

Tgt Ion: 62 Resp: 726

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#34

Trichloroethene

Concen: 1.606 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030266.D

Acq: 20 Mar 2023 18:45

Tgt Ion: 95 Resp: 13844

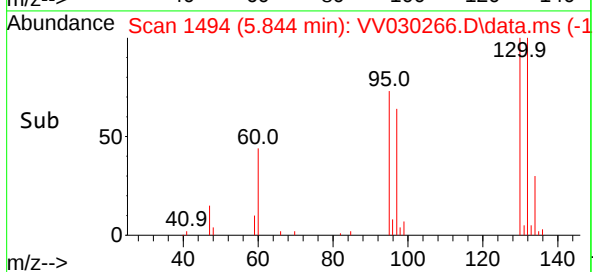
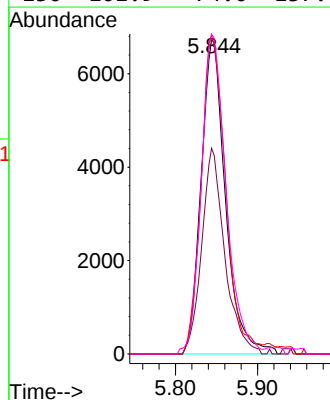
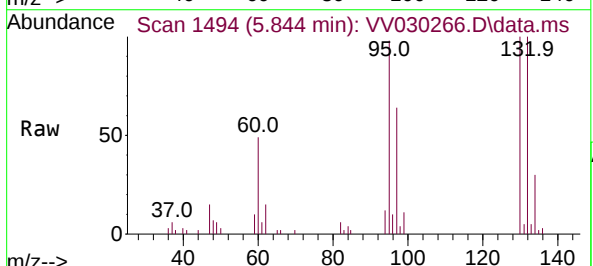
Ion Ratio Lower Upper

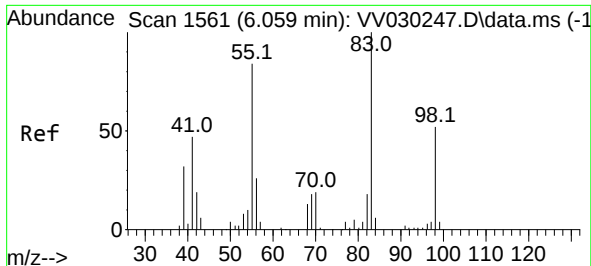
95 100

97 65.5 46.5 86.5

132 101.7 71.7 133.3

130 101.9 74.0 137.4





#35

Methylcyclohexane

Concen: 0.725 ug/L

RT: 6.001 min Scan# 1543

Delta R.T. -0.055 min

Lab File: VV030266.D

Acq: 20 Mar 2023 18:45

Instrument :

MSVOA_V

ClientSampleId :

H0A26DL

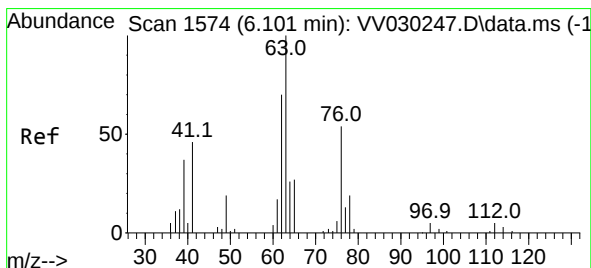
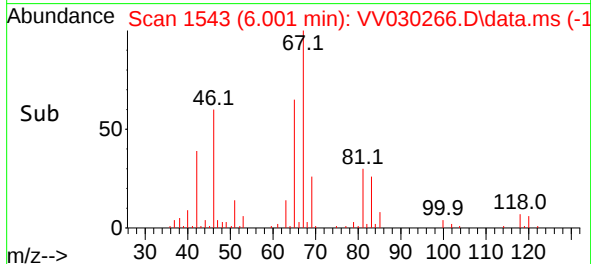
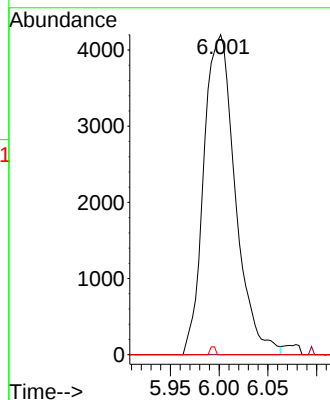
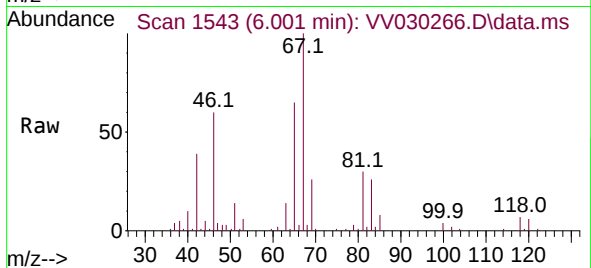
Tgt Ion: 83 Resp: 9464

Ion Ratio Lower Upper

83 100

55 0.2 57.6 86.4#

98 0.4 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.001 min Scan# 1543

Delta R.T. -0.100 min

Lab File: VV030266.D

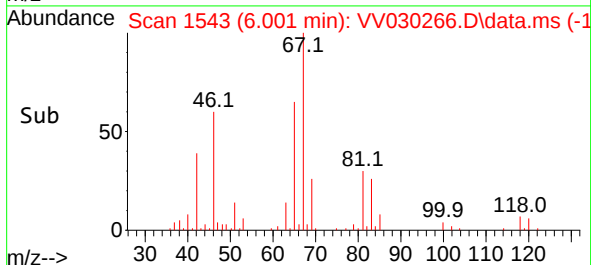
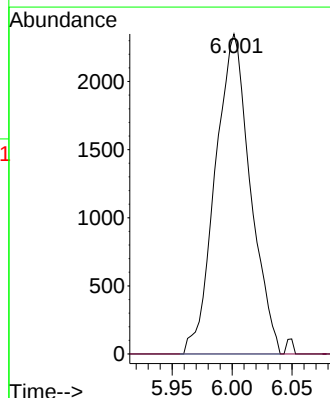
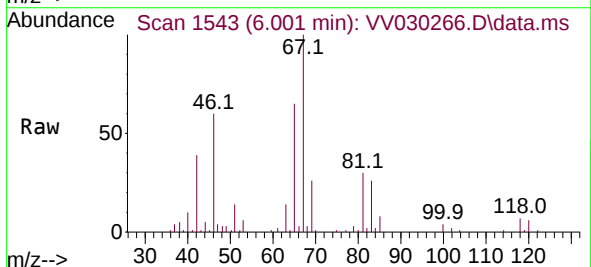
Acq: 20 Mar 2023 18:45

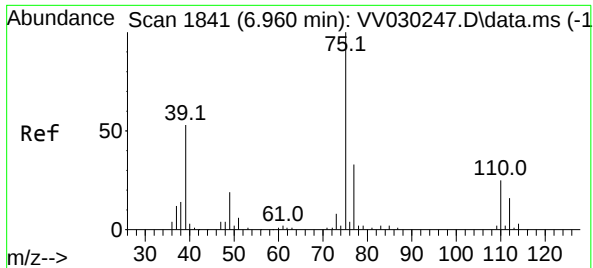
Tgt Ion: 63 Resp: 4792

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV030266.D

Acq: 20 Mar 2023 18:45

Instrument :

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ClientSampleId :

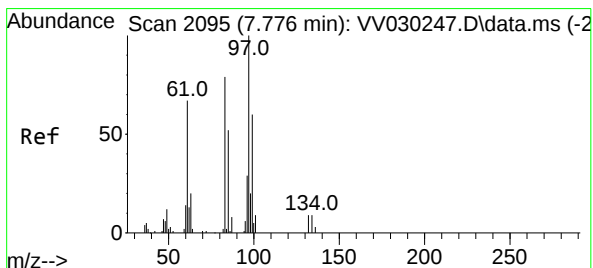
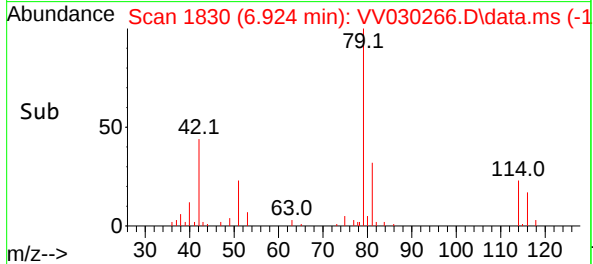
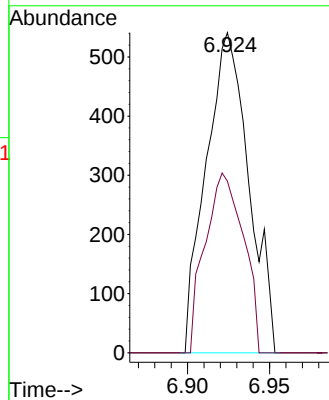
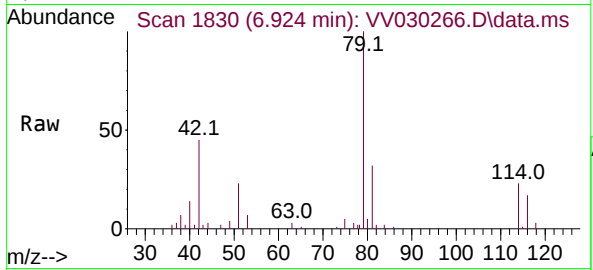
H0A26DL

Tgt Ion: 75 Resp: 982

Ion Ratio Lower Upper

75 100

77 53.6 22.3 41.3#



#45

1,1,2-Trichloroethane

Concen: 0.157 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.132 min

Lab File: VV030266.D

Acq: 20 Mar 2023 18:45

Tgt Ion: 97 Resp: 877

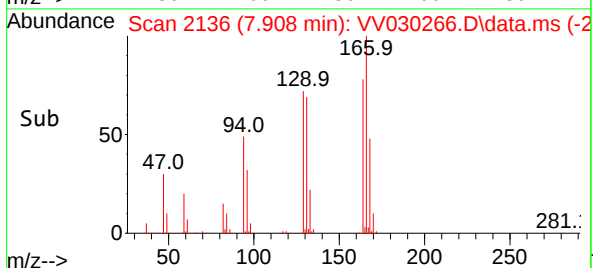
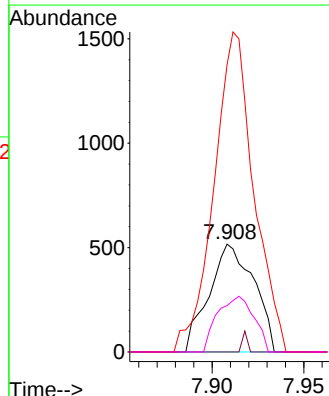
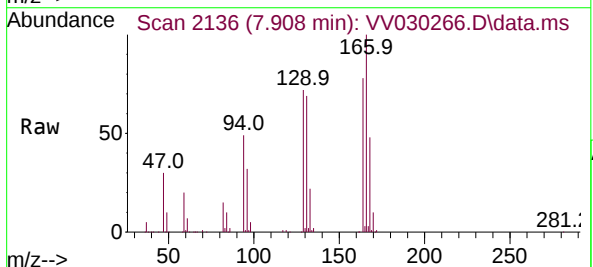
Ion Ratio Lower Upper

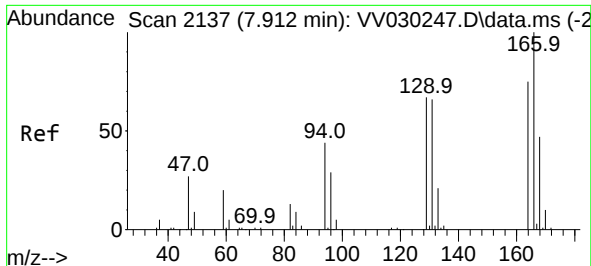
97 100

99 0.0 42.6 79.2#

83 266.3 57.7 107.3#

85 42.9 38.9 72.2





#47

Tetrachloroethene

Concen: 14.492 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030266.D

Acq: 20 Mar 2023 18:45

Instrument :

MSVOA_V

ClientSampleId :

H0A26DL

Tgt Ion:164 Resp: 107236

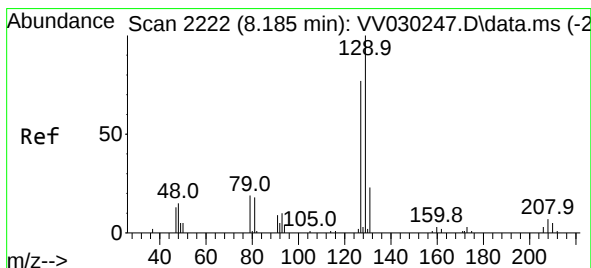
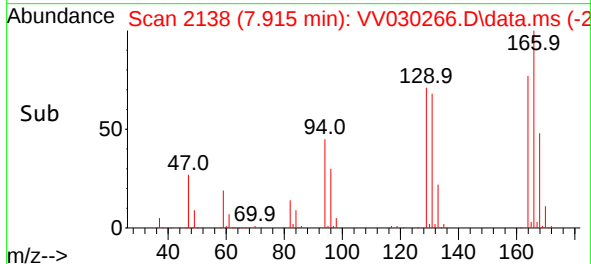
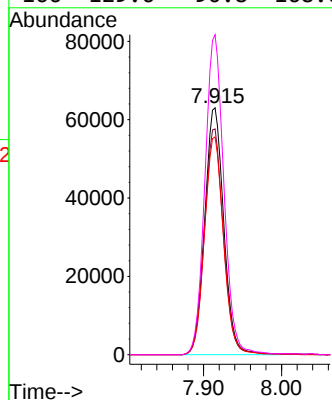
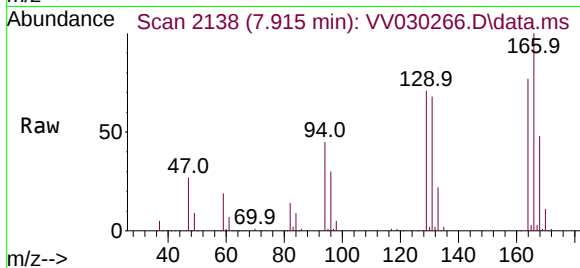
Ion Ratio Lower Upper

164 100

129 91.5 63.6 118.2

131 88.2 61.7 114.7

166 129.6 90.8 168.6



#49

Dibromochloromethane

Concen: 14.167 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030266.D

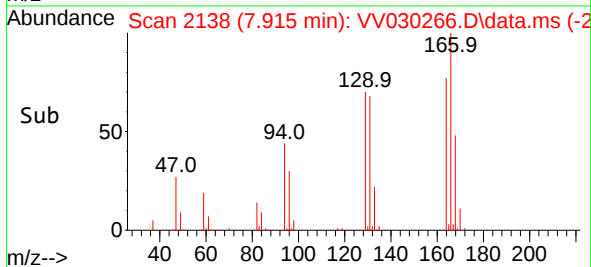
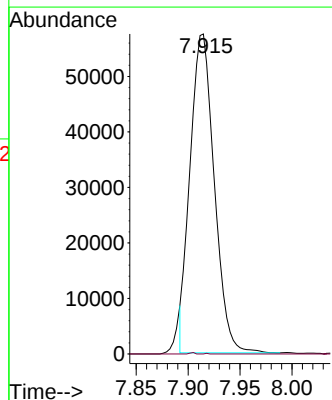
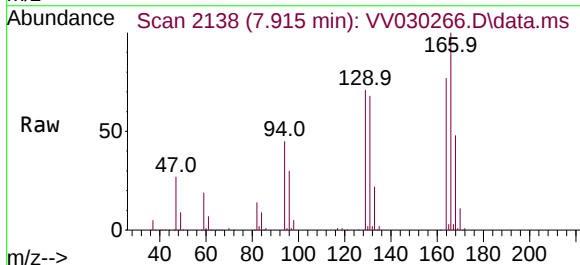
Acq: 20 Mar 2023 18:45

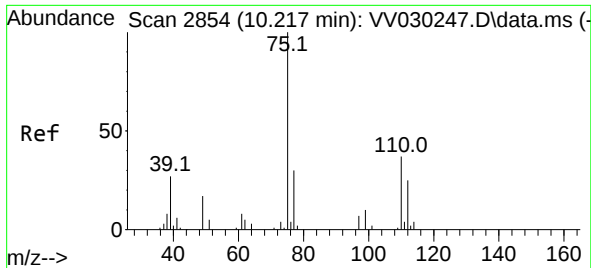
Tgt Ion:129 Resp: 92840

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.586 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030266.D
 Acq: 20 Mar 2023 18:45

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A26DL

Tgt Ion: 75 Resp: 5893
 Ion Ratio Lower Upper
 75 100
 77 35.2 26.5 39.7
 110 2.1 31.8 47.6#

