

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030278.D
 Acq On : 21 Mar 2023 15:22
 Operator : SY/MD
 Sample : 01996-10DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A31DL

Quant Time: Mar 22 06:06:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

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

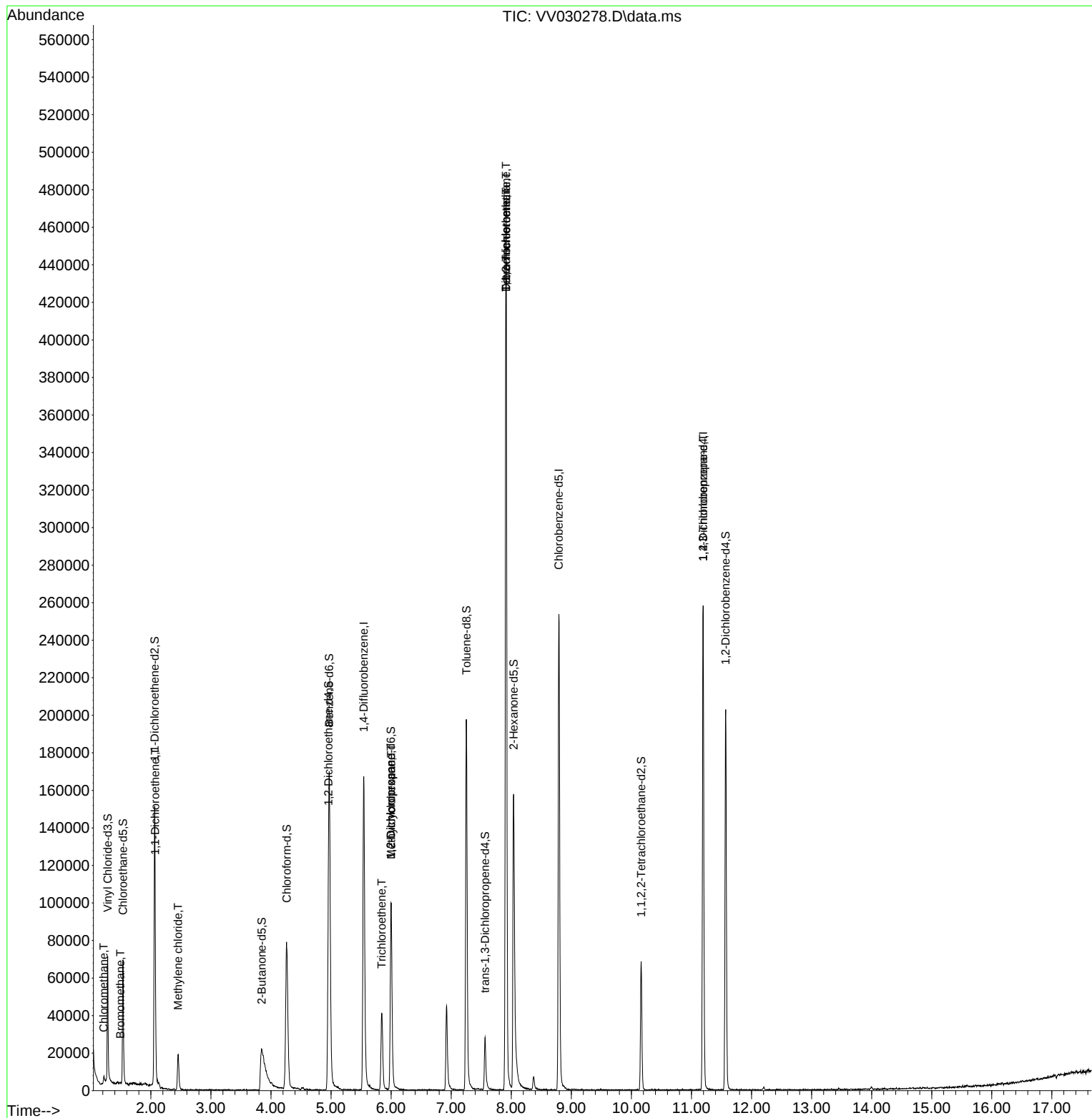
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	148236	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	141712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	71557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	42181	4.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.535	69	39644	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.063	63	73495	3.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.844	46	59940	33.895	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.780%
24) Chloroform-d	4.262	84	80771	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	4.957	65	42612	5.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	4.969	84	149386	3.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	5.998	67	42282	3.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.800%
41) Toluene-d8	7.252	98	135672	3.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.564	79	16192	4.126	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.040	63	63194	38.919	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.840%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29995	3.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	52568	4.342	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
3) Chloromethane	1.217	50	2196	0.116	ug/L	92
6) Bromomethane	1.490	94	273	0.120	ug/L	99
12) 1,1-Dichloroethene	2.072	96	5654	0.568	ug/L #	1
16) Methylene chloride	2.455	84	8091	0.666	ug/L	93
34) Trichloroethene	5.844	95	13861	1.278	ug/L	94
35) Methylcyclohexane	6.001	83	11425	0.696	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	6085	0.618	ug/L #	86
45) 1,1,2-Trichloroethane	7.911	97	901	0.128	ug/L #	21
47) Tetrachloroethene	7.911	164	106190	11.408	ug/L	97
49) Dibromochloromethane	7.911	129	92094	11.171	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	7737	1.615	ug/L #	65

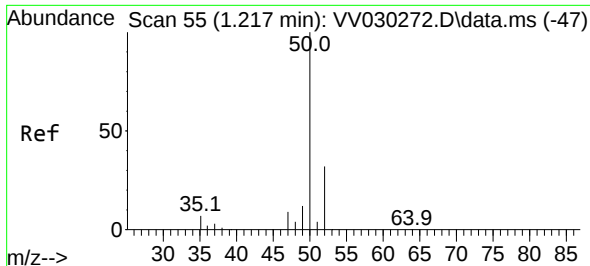
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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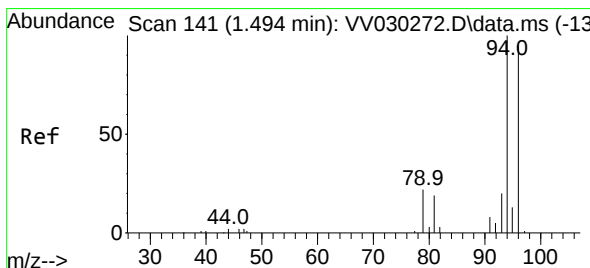
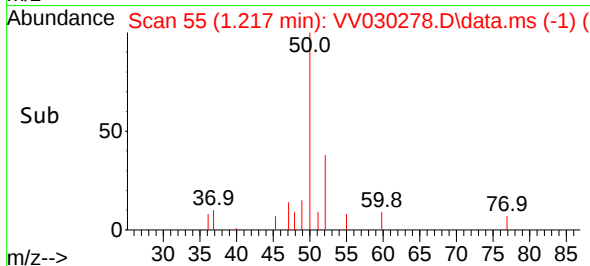
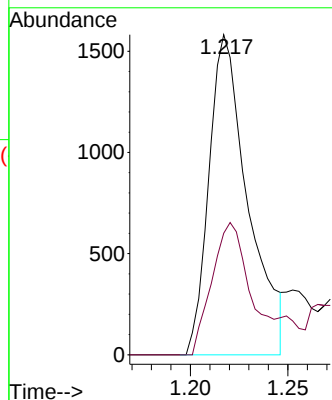
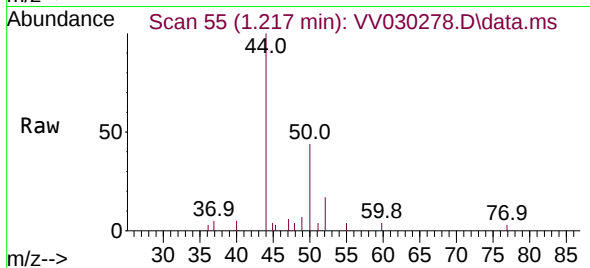




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030278.D
Acq: 21 Mar 2023 15:22

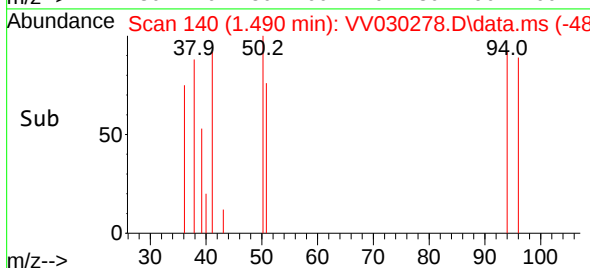
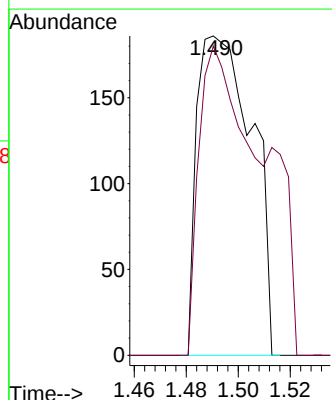
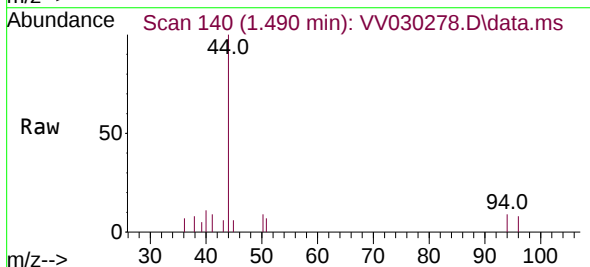
Instrument :
MSVOA_V
ClientSampleId :
H0A31DL

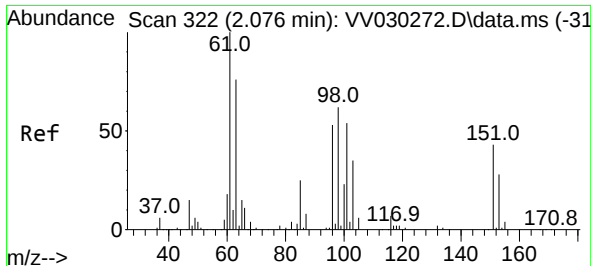
Tgt Ion: 50 Resp: 2196
Ion Ratio Lower Upper
50 100
52 38.0 23.6 43.8



#6
Bromomethane
Concen: 0.120 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.003 min
Lab File: VV030278.D
Acq: 21 Mar 2023 15:22

Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
96 96.8 68.4 127.0





#12

1,1-Dichloroethene

Concen: 0.568 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030278.D

Acq: 21 Mar 2023 15:22

Instrument :

MSVOA_V

ClientSampleId :

H0A31DL

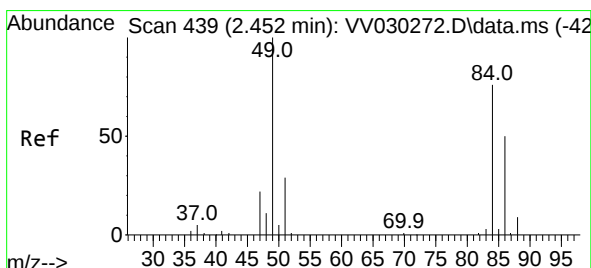
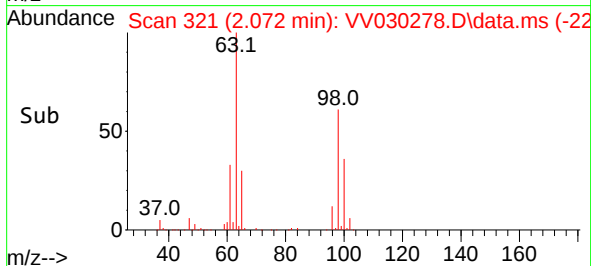
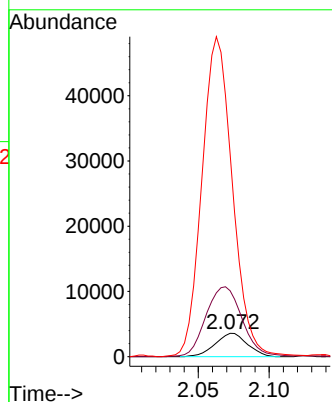
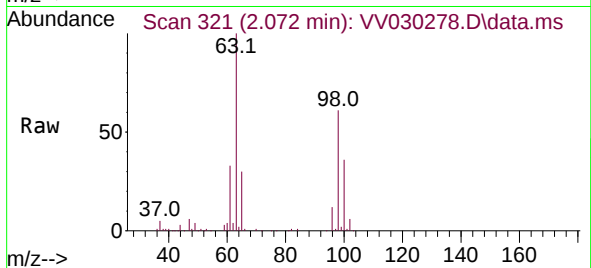
Tgt Ion: 96 Resp: 5654

Ion Ratio Lower Upper

96 100

61 282.7 115.6 214.6#

63 869.5 85.6 159.0#



#16

Methylene chloride

Concen: 0.666 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030278.D

Acq: 21 Mar 2023 15:22

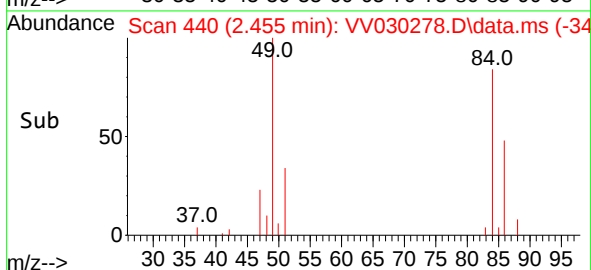
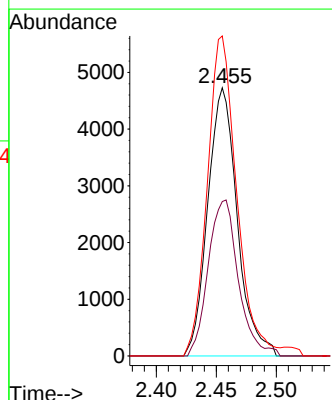
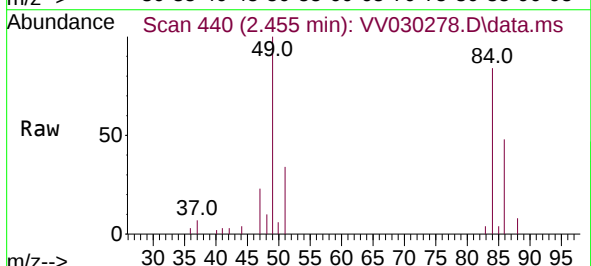
Tgt Ion: 84 Resp: 8091

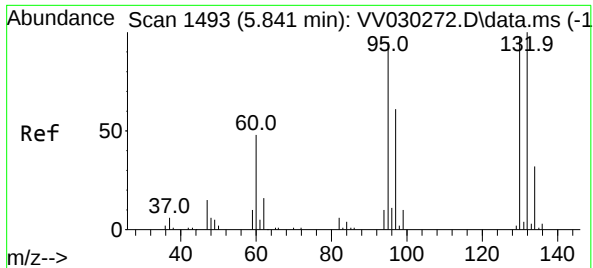
Ion Ratio Lower Upper

84 100

86 57.6 44.7 83.1

49 119.4 78.8 146.3





#34

Trichloroethene

Concen: 1.278 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030278.D

Acq: 21 Mar 2023 15:22

Instrument :

MSVOA_V

ClientSampleId :

H0A31DL

Tgt Ion: 95 Resp: 13861

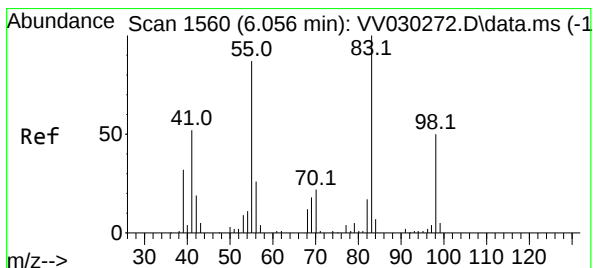
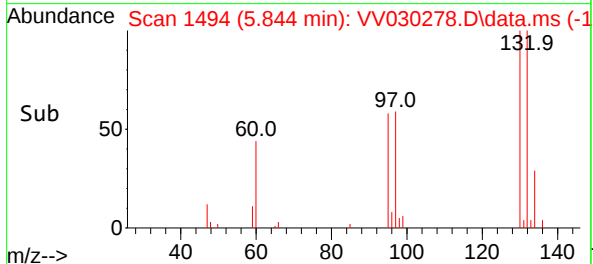
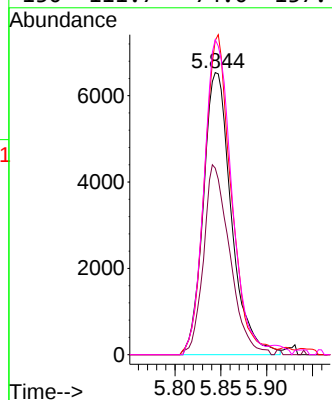
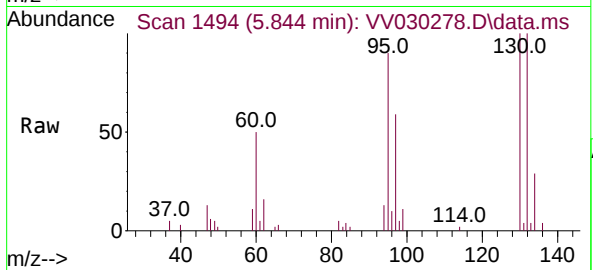
Ion Ratio Lower Upper

95 100

97 66.2 46.5 86.5

132 111.4 71.7 133.3

130 111.7 74.0 137.4



#35

Methylcyclohexane

Concen: 0.696 ug/L

RT: 6.001 min Scan# 1543

Delta R.T. -0.055 min

Lab File: VV030278.D

Acq: 21 Mar 2023 15:22

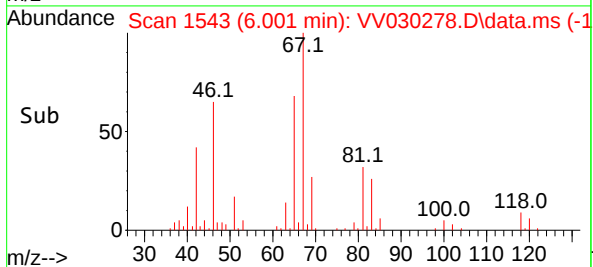
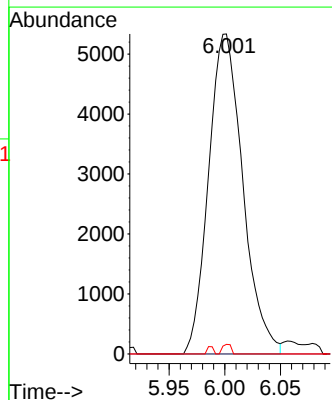
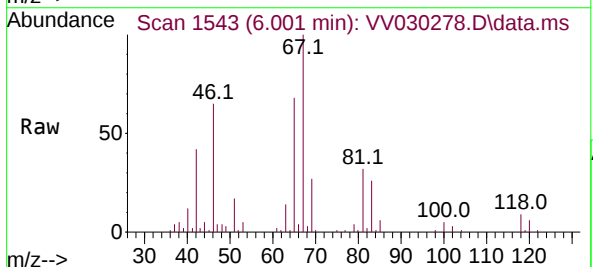
Tgt Ion: 83 Resp: 11425

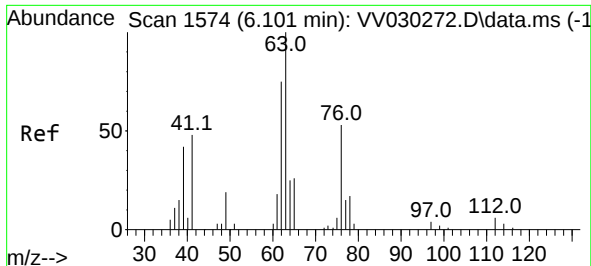
Ion Ratio Lower Upper

83 100

55 0.4 57.6 86.4#

98 0.8 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030278.D

Acq: 21 Mar 2023 15:22

Instrument :

MSVOA_V

ClientSampleId :

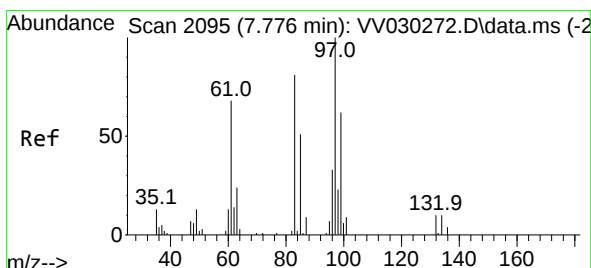
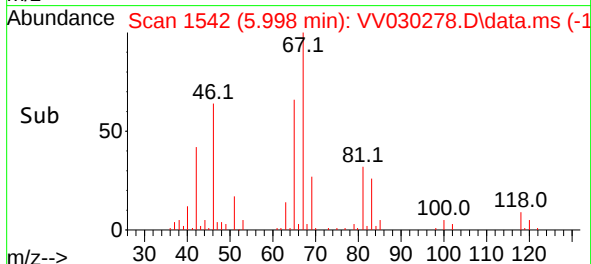
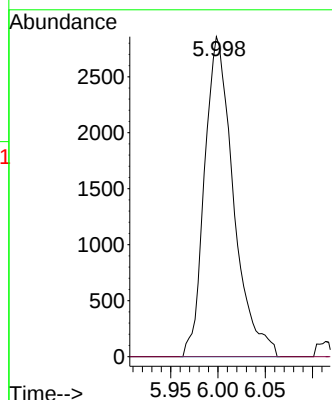
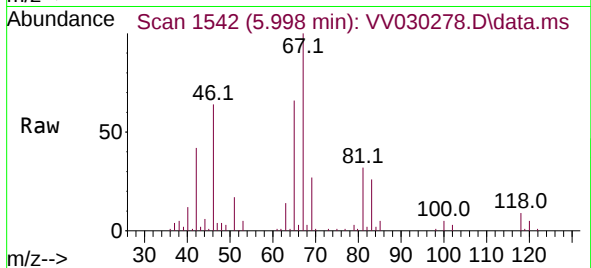
H0A31DL

Tgt Ion: 63 Resp: 6085

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#45

1,1,2-Trichloroethane

Concen: 0.128 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.135 min

Lab File: VV030278.D

Acq: 21 Mar 2023 15:22

Tgt Ion: 97 Resp: 901

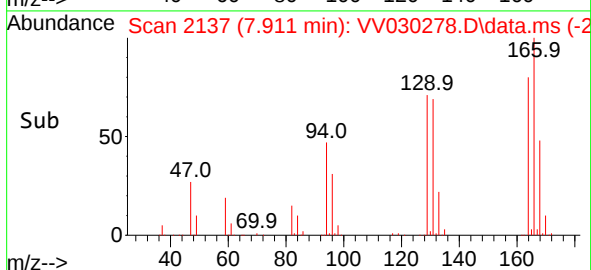
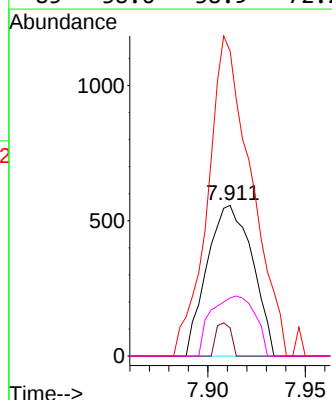
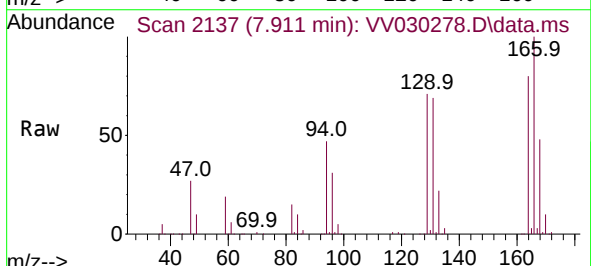
Ion Ratio Lower Upper

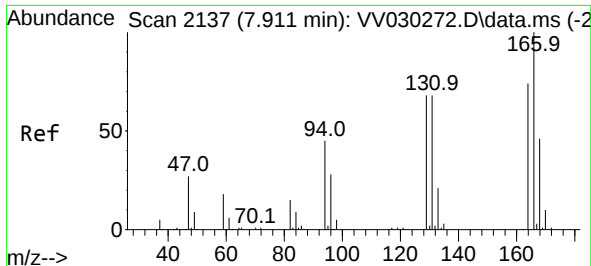
97 100

99 18.7 42.6 79.2#

83 202.3 57.7 107.3#

85 38.6 38.9 72.2#





#47

Tetrachloroethene

Concen: 11.408 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV030278.D

Acq: 21 Mar 2023 15:22

Instrument :

MSVOA_V

ClientSampleId :

H0A31DL

Tgt Ion:164 Resp: 106190

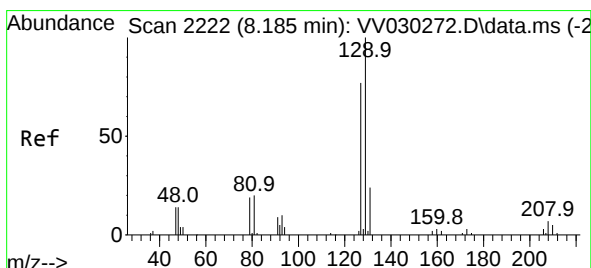
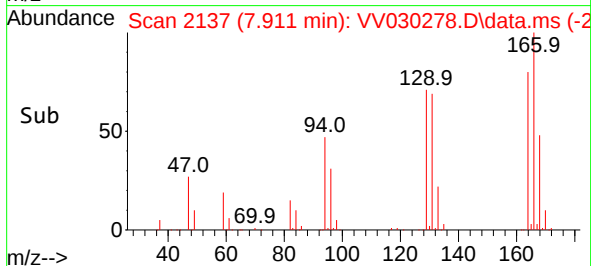
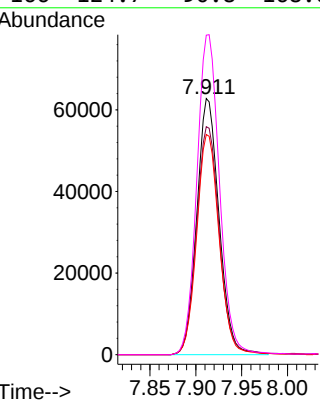
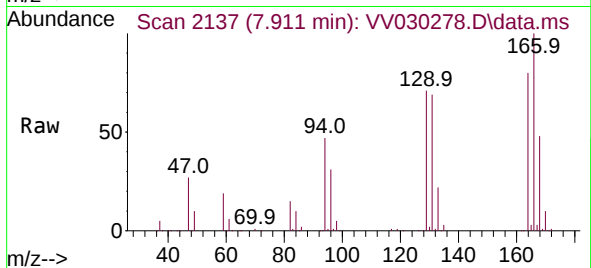
Ion Ratio Lower Upper

164 100

129 89.0 63.6 118.2

131 85.9 61.7 114.7

166 124.7 90.8 168.6



#49

Dibromochloromethane

Concen: 11.171 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030278.D

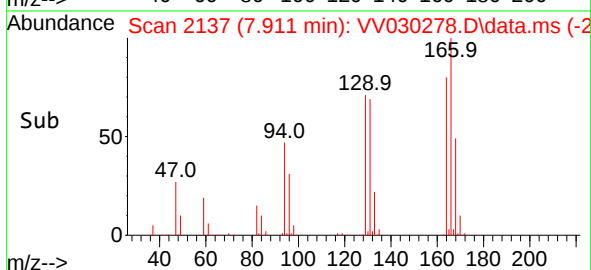
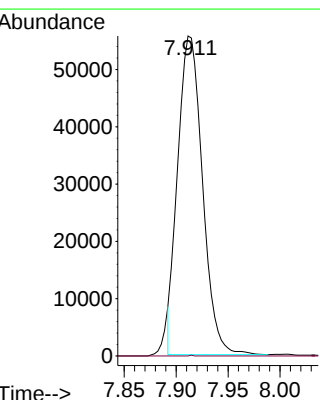
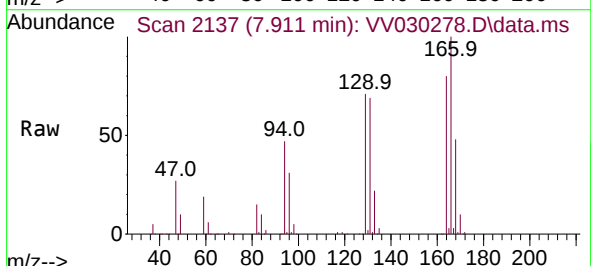
Acq: 21 Mar 2023 15:22

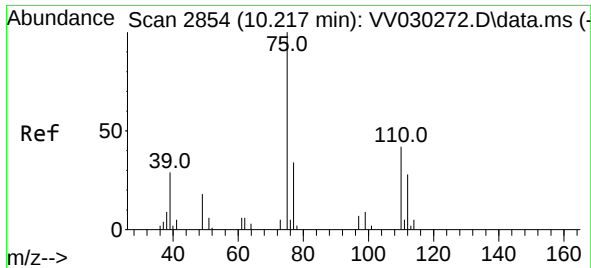
Tgt Ion:129 Resp: 92094

Ion Ratio Lower Upper

129 100

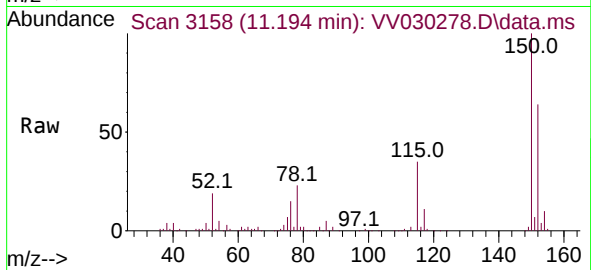
127 0.0 54.7 101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.615 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030278.D
 Acq: 21 Mar 2023 15:22

Instrument :
 MSVOA_V
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Tgt Ion:	75	Resp:	7737
Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.5	39.7
110	3.5	31.8	47.6#

