

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025177.D
 Acq On : 25 Mar 2022 14:32
 Operator : SY/MD
 Sample : N2083-06DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z9DL

Quant Time: Mar 25 23:22:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132784	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40231	3.838	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.800%	
7) Chloroethane-d5	1.568	69	39150	5.100	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.108	63	54862	3.238	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.800%	
20) 2-Butanone-d5	3.915	46	93473	73.780	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	147.560%#	
24) Chloroform-d	4.349	84	96441	5.547	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.000%	
26) 1,2-Dichloroethane-d4	5.037	65	43474	5.981	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.600%	
32) Benzene-d6	5.053	84	186866	5.129	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	6.069	67	59223	5.653	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.000%	
41) Toluene-d8	7.316	98	150383	4.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	7.625	79	16045	4.393	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.091	63	83648	67.148	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	134.300%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40865	6.631	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	132.600%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	57120	6.004	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	120.000%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	410	0.037	ug/L	100
12) 1,1-Dichloroethene	2.114	96	912	0.108	ug/L #	1
16) Methylene chloride	2.510	84	18969	1.851	ug/L	93
19) 1,1-Dichloroethane	3.194	63	5372	0.310	ug/L	94
25) Chloroform	4.378	83	8757	0.485	ug/L	96
27) 1,2-Dichloroethane	5.153	62	1991	0.222	ug/L #	71
29) 1,1,1-Trichloroethane	4.612	97	41194	2.572	ug/L	98
31) Carbon tetrachloride	4.612	117	5146	0.375	ug/L	94
34) Trichloroethene	5.918	95	20747	1.908	ug/L	98
35) Methylcyclohexane	6.072	83	14258	0.828	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6082	0.648	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1021	0.078	ug/L #	76
47) Tetrachloroethene	7.976	164	40400	5.280	ug/L	99
49) Dibromochloromethane	7.976	129	39537	5.633	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6674	1.412	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.246	75	110	0.136	ug/L #	1

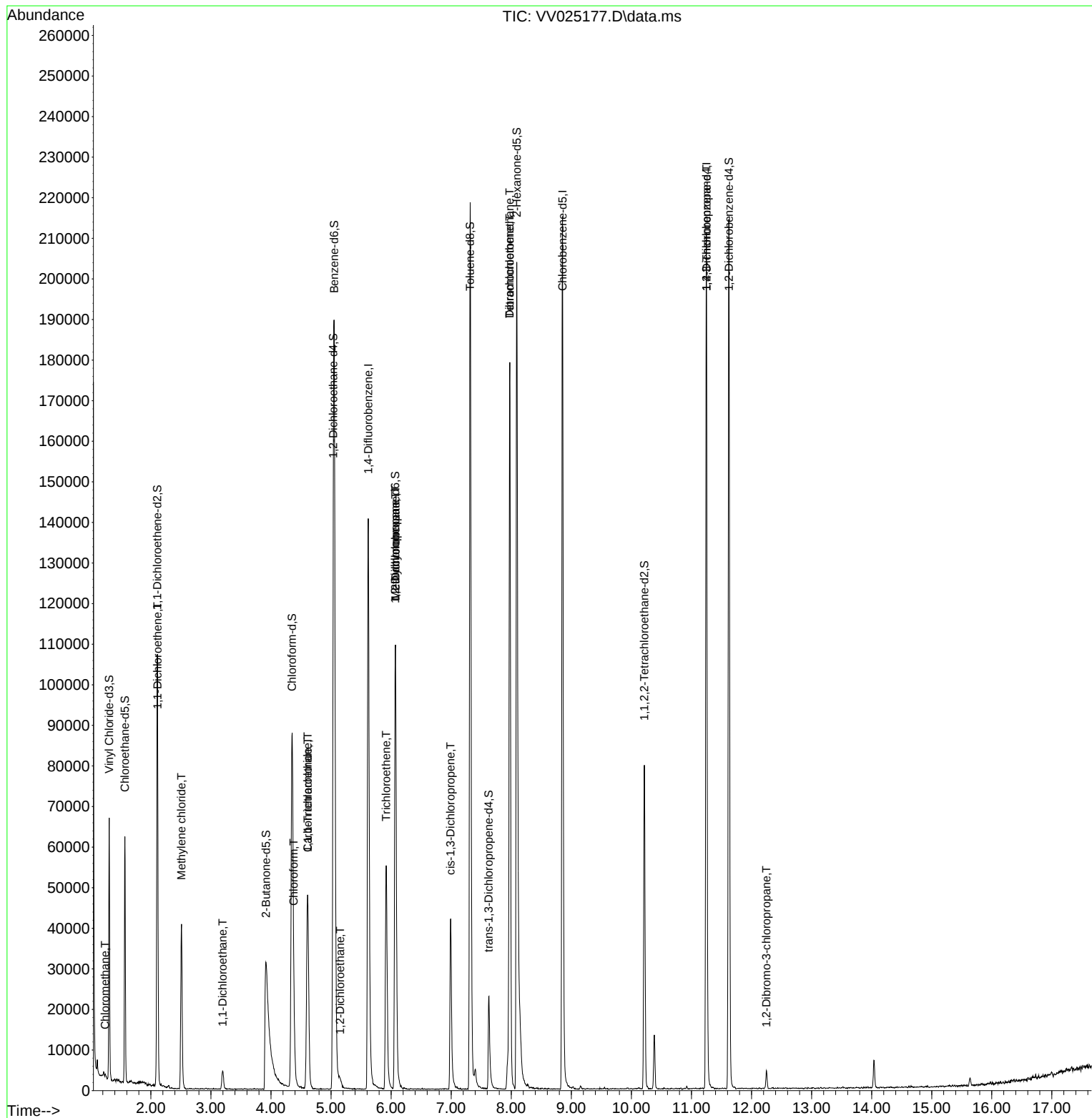
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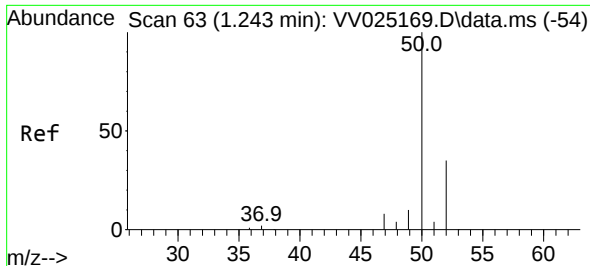
Instrument :
MSVOA_V
ClientSampleId :
EW5Z9DL

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Quant Title : TRACE VOA SFAM1.0
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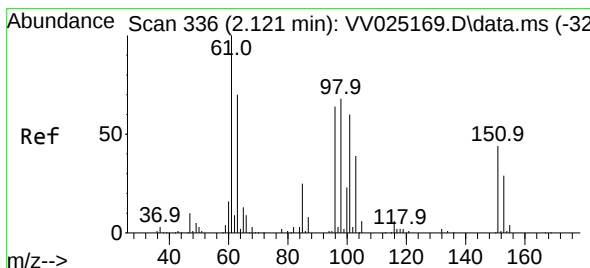
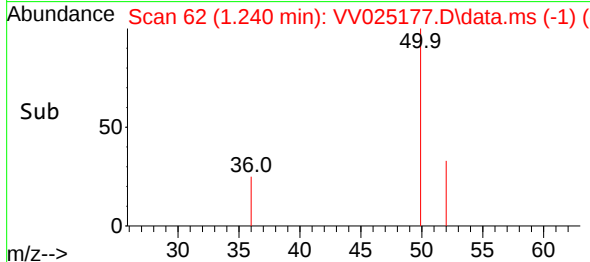
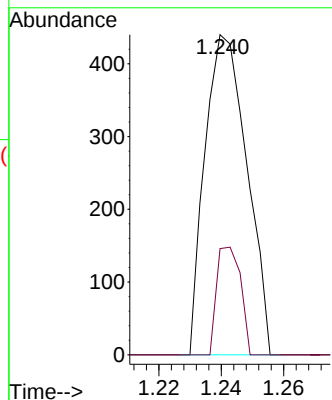
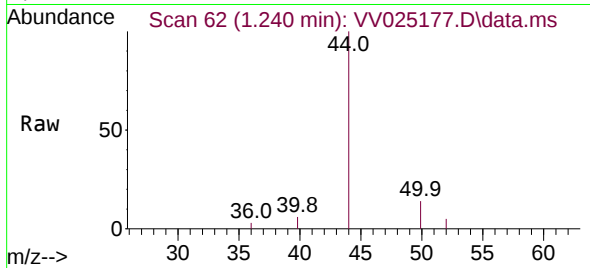




#3
Chloromethane
Concen: 0.037 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025177.D
Acq: 25 Mar 2022 14:32

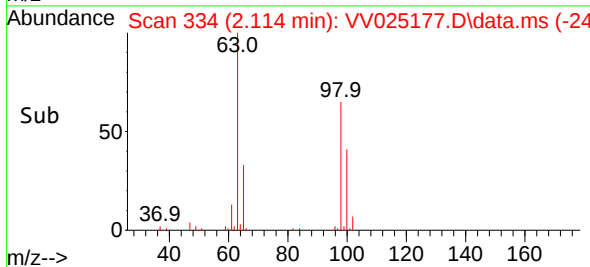
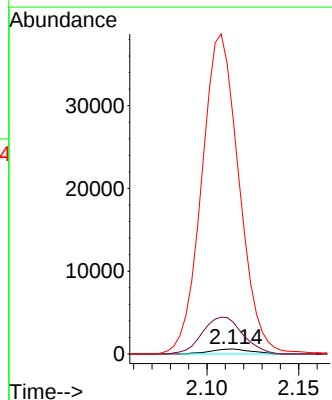
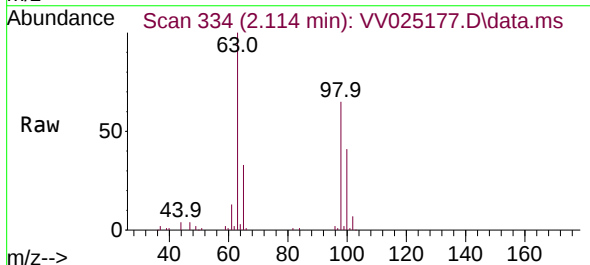
Instrument :
MSVOA_V
ClientSampleId :
EW5Z9DL

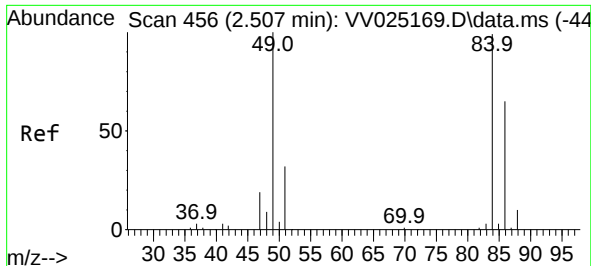
Tgt Ion: 50 Resp: 410
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2



#12
1,1-Dichloroethene
Concen: 0.108 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.007 min
Lab File: VV025177.D
Acq: 25 Mar 2022 14:32

Tgt Ion: 96 Resp: 912
Ion Ratio Lower Upper
96 100
61 649.5 113.0 209.9#
63 4821.5 82.1 152.5#

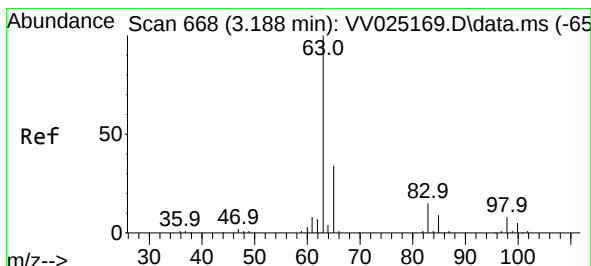
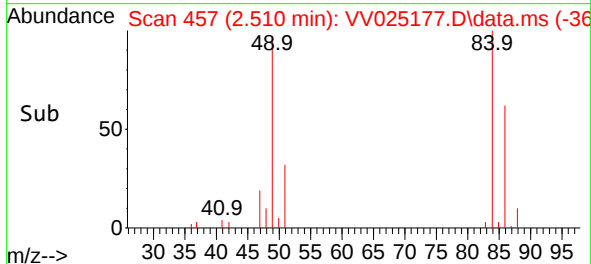
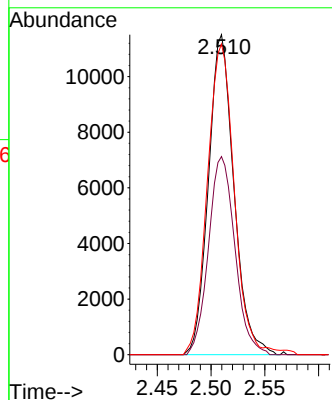
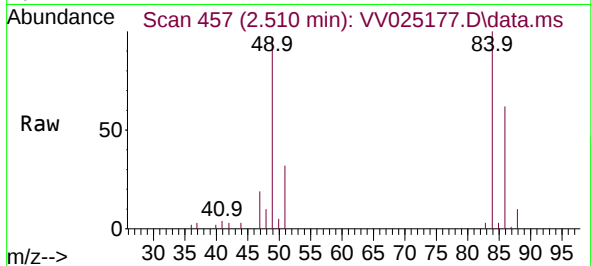




#16
Methylene chloride
Concen: 1.851 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025177.D
Acq: 25 Mar 2022 14:32

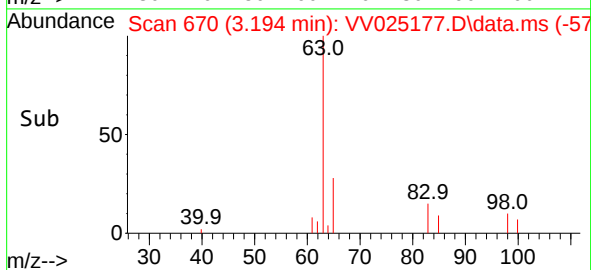
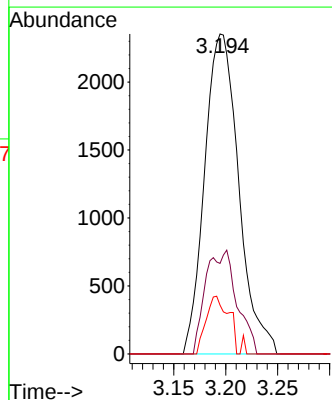
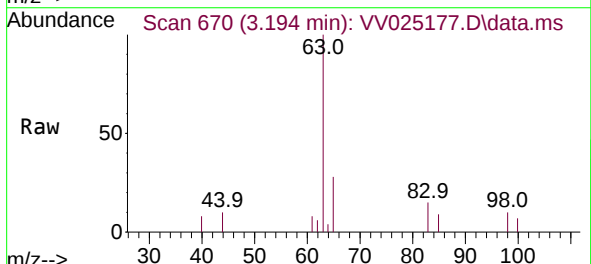
Instrument :
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ClientSampleId :
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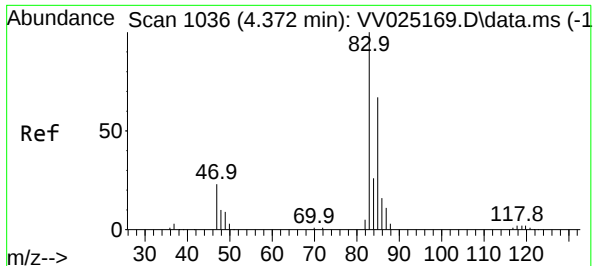
Tgt Ion: 84 Resp: 18969
Ion Ratio Lower Upper
84 100
86 61.9 45.5 84.5
49 97.1 75.0 139.2



#19
1,1-Dichloroethane
Concen: 0.310 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV025177.D
Acq: 25 Mar 2022 14:32

Tgt Ion: 63 Resp: 5372
Ion Ratio Lower Upper
63 100
65 28.3 22.2 41.2
83 15.3 9.4 17.4





#25

Chloroform

Concen: 0.485 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025177.D

Acq: 25 Mar 2022 14:32

Instrument :

MSVOA_V

ClientSampleId :

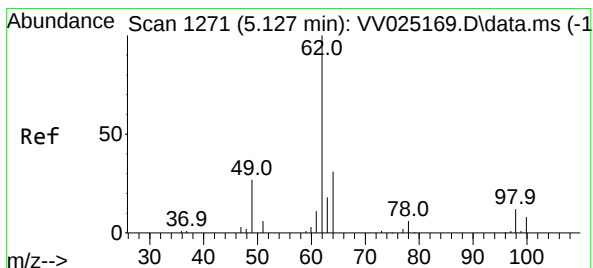
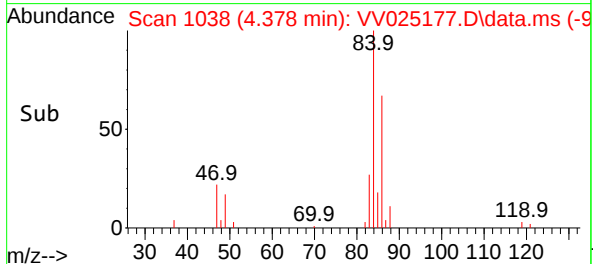
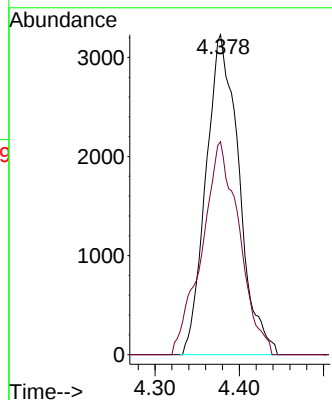
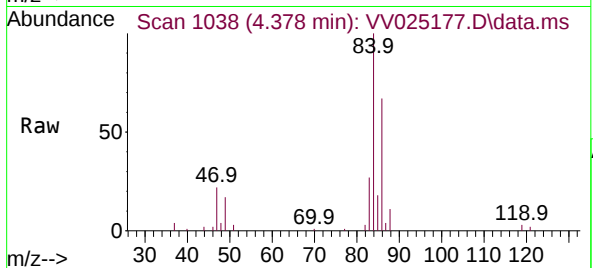
EW5Z9DL

Tgt Ion: 83 Resp: 8757

Ion Ratio Lower Upper

83 100

85 66.5 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.222 ug/L

RT: 5.153 min Scan# 1279

Delta R.T. 0.025 min

Lab File: VV025177.D

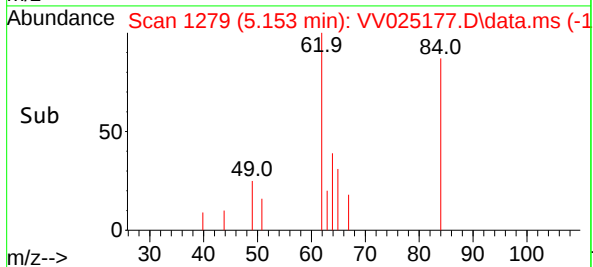
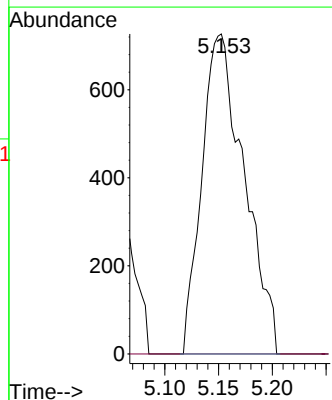
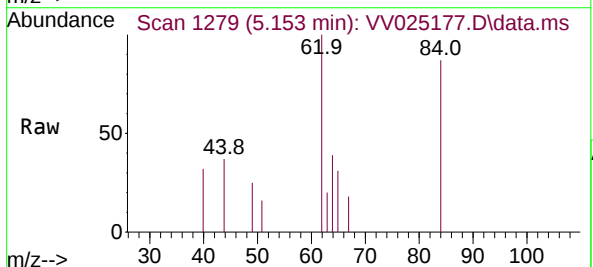
Acq: 25 Mar 2022 14:32

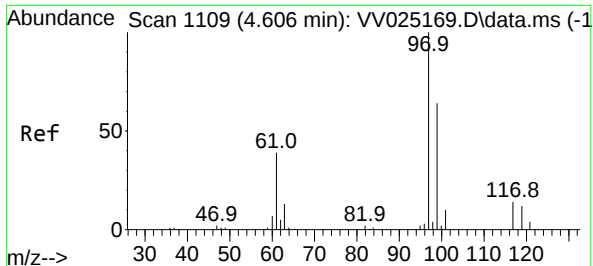
Tgt Ion: 62 Resp: 1991

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#29

1,1,1-Trichloroethane

Concen: 2.572 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV025177.D

Acq: 25 Mar 2022 14:32

Instrument :

MSVOA_V

ClientSampleId :

EW5Z9DL

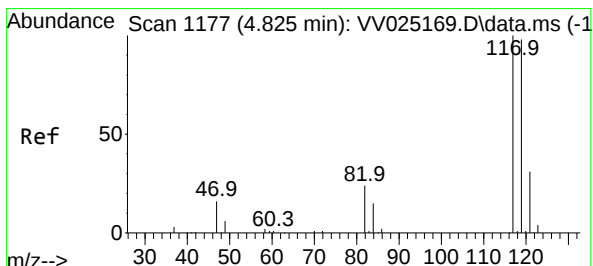
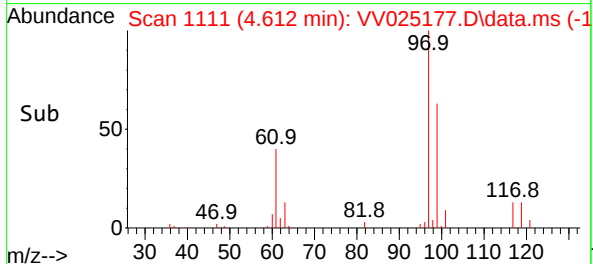
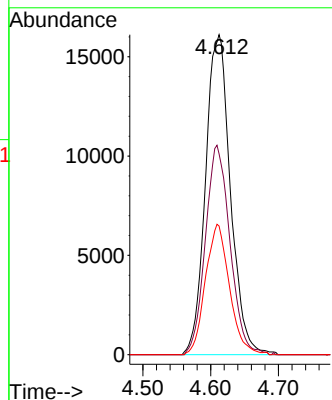
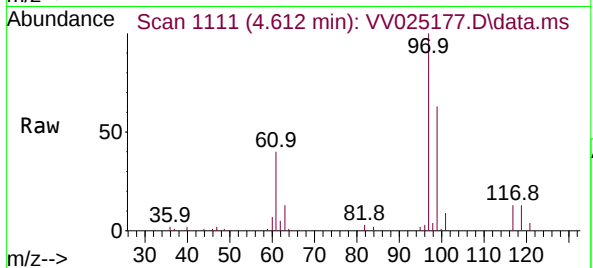
Tgt Ion: 97 Resp: 41194

Ion Ratio Lower Upper

97 100

99 64.7 50.7 76.1

61 39.4 32.4 48.6



#31

Carbon tetrachloride

Concen: 0.375 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. -0.212 min

Lab File: VV025177.D

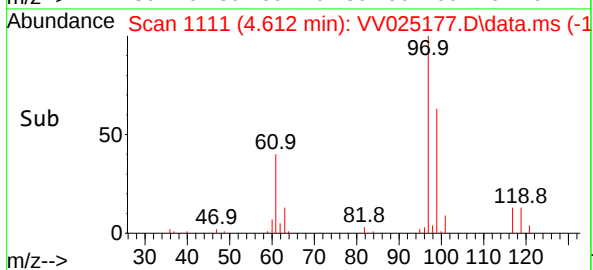
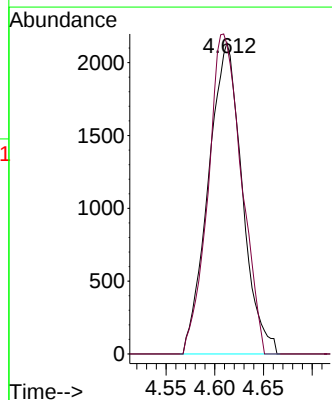
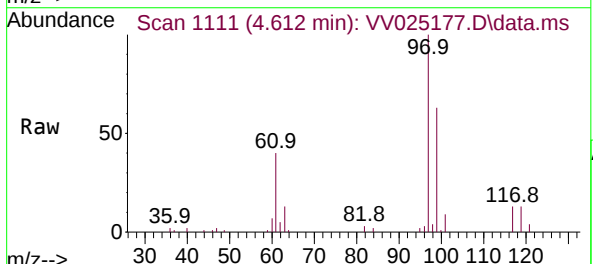
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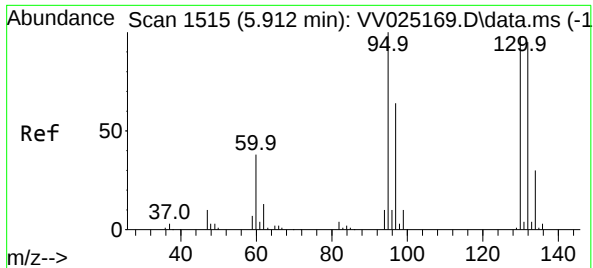
Tgt Ion: 117 Resp: 5146

Ion Ratio Lower Upper

117 100

119 101.4 76.8 115.2

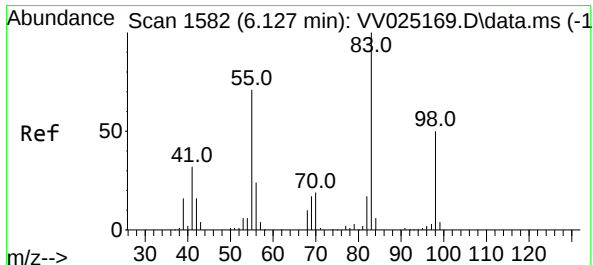
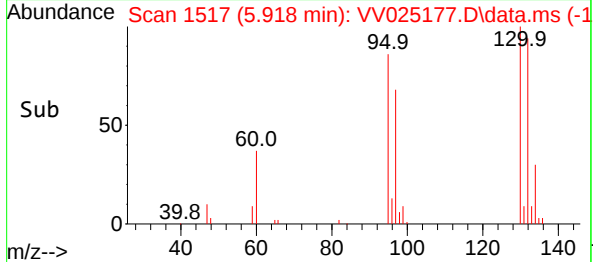
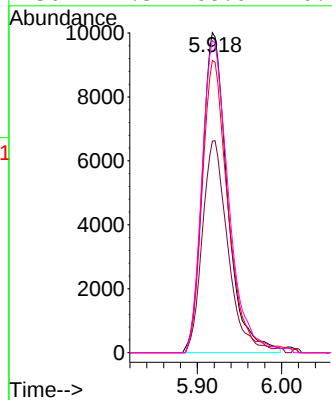
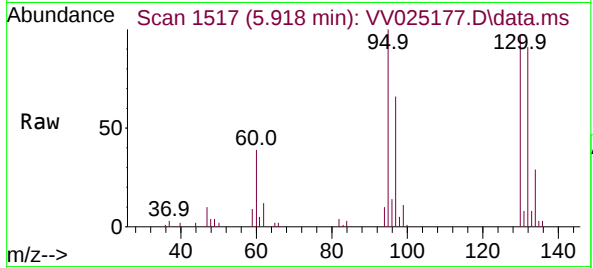




#34
Trichloroethene
Concen: 1.908 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025177.D
Acq: 25 Mar 2022 14:32

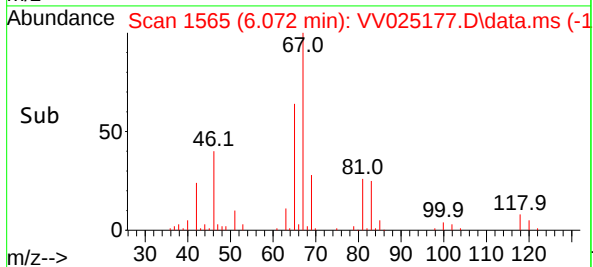
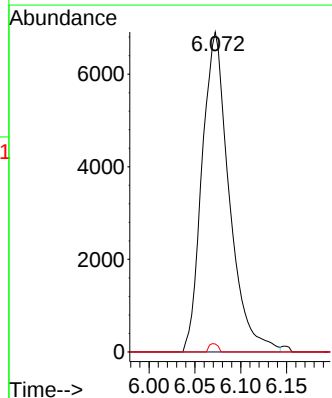
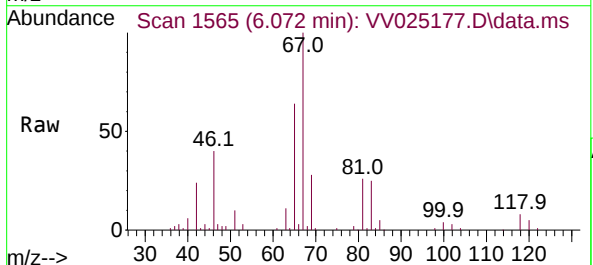
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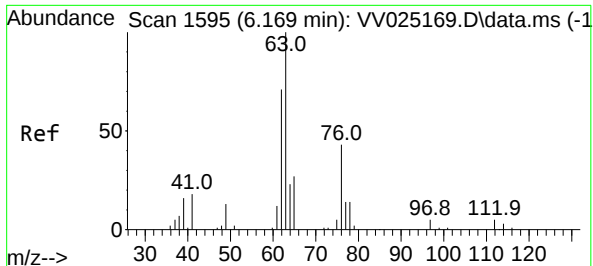
Tgt Ion: 95 Resp: 20747
Ion Ratio Lower Upper
95 100
97 66.1 44.5 82.7
132 91.3 66.5 123.5
130 97.5 68.0 126.2



#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025177.D
Acq: 25 Mar 2022 14:32

Tgt Ion: 83 Resp: 14258
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.648 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV025177.D

Acq: 25 Mar 2022 14:32

Instrument :

MSVOA_V

ClientSampleId :

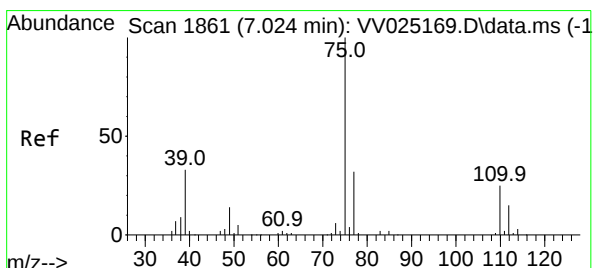
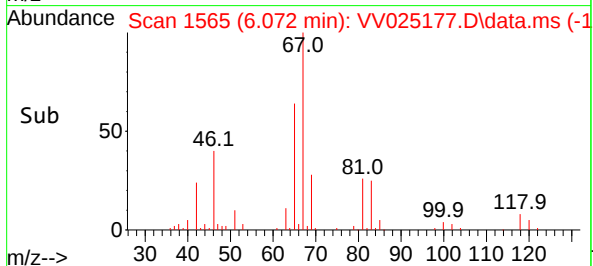
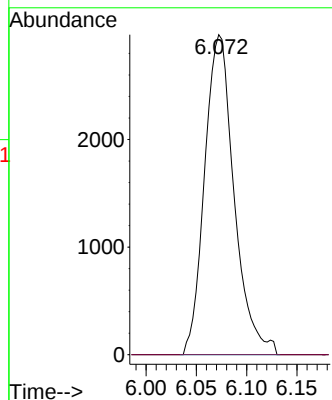
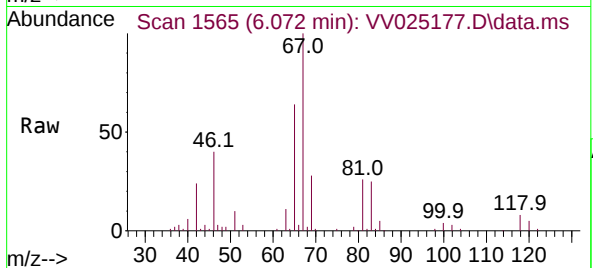
EW5Z9DL

Tgt Ion: 63 Resp: 6082

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.036 min

Lab File: VV025177.D

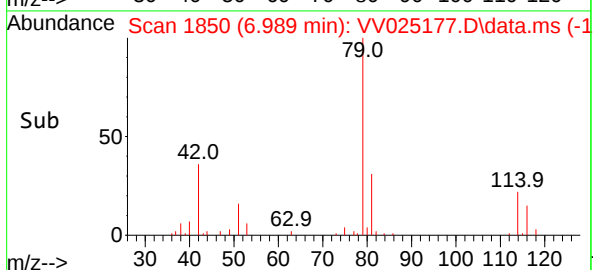
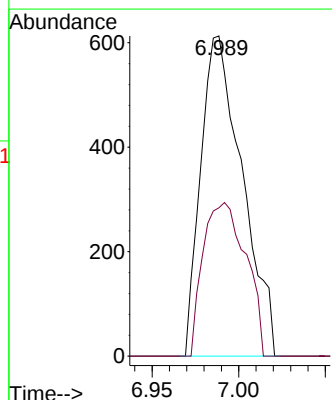
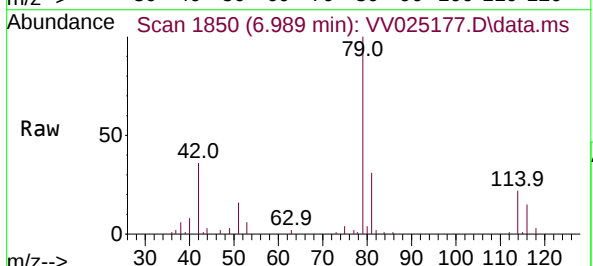
Acq: 25 Mar 2022 14:32

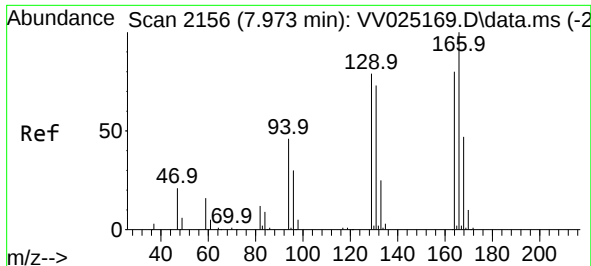
Tgt Ion: 75 Resp: 1021

Ion Ratio Lower Upper

75 100

77 46.3 23.0 42.8#

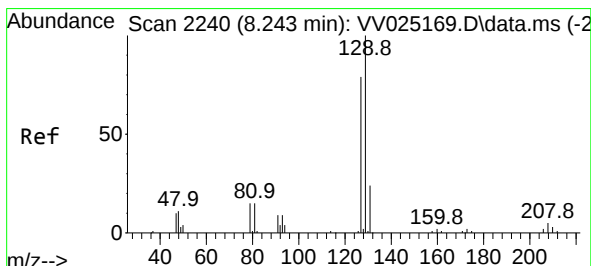
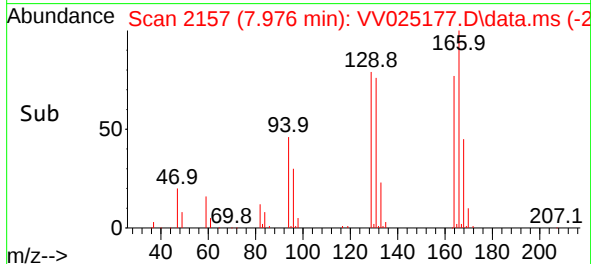
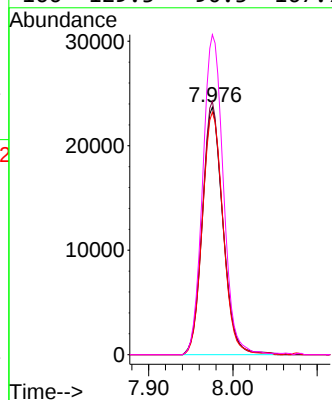
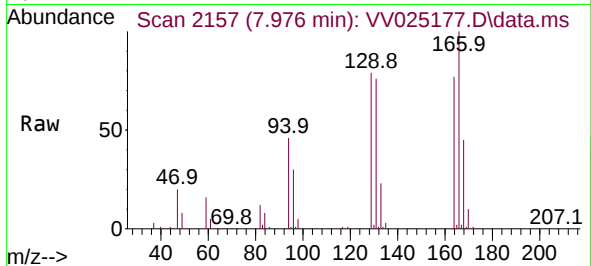




#47
Tetrachloroethene
Concen: 5.280 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025177.D
Acq: 25 Mar 2022 14:32

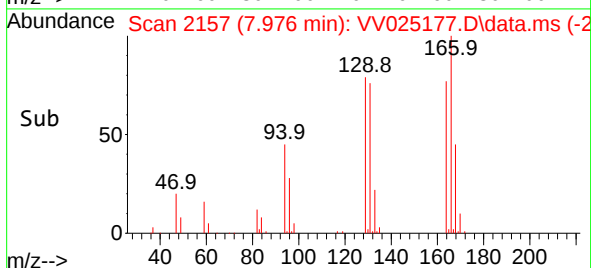
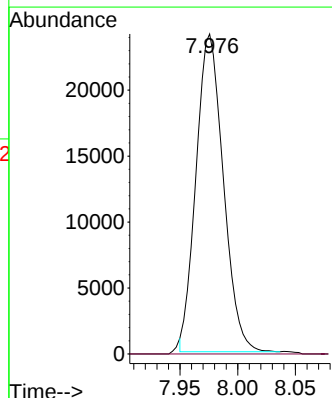
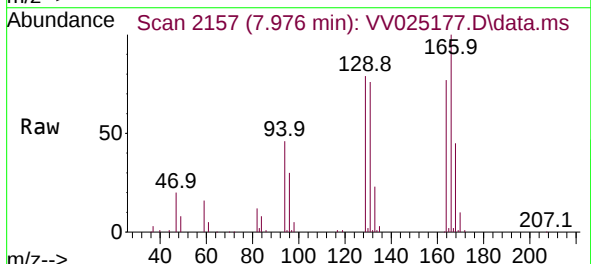
Instrument :
MSVOA_V
ClientSampleId :
EW5Z9DL

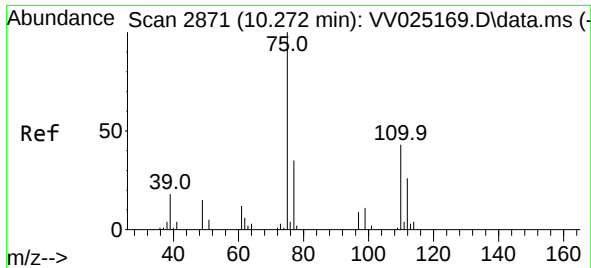
Tgt Ion:164 Resp: 40400
Ion Ratio Lower Upper
164 100
129 102.4 70.3 130.7
131 98.0 69.4 129.0
166 129.3 90.3 167.7



#49
Dibromochloromethane
Concen: 5.633 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025177.D
Acq: 25 Mar 2022 14:32

Tgt Ion:129 Resp: 39537
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#

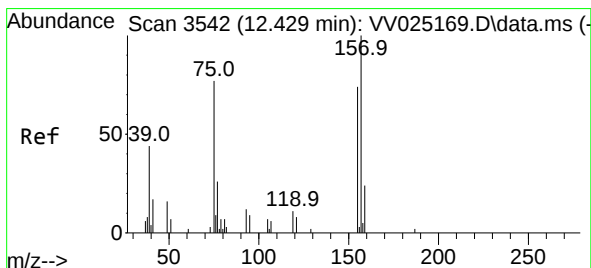
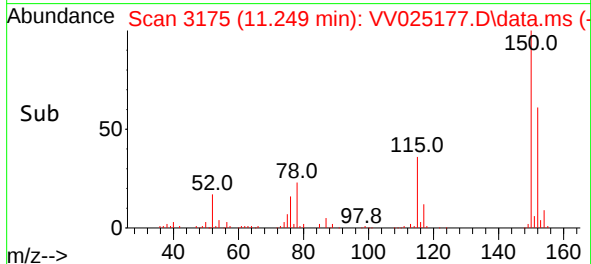
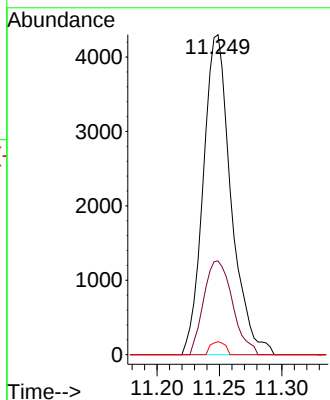
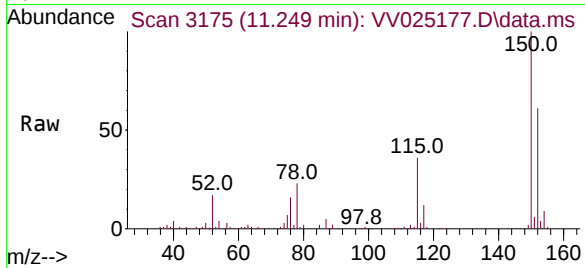




#61
 1,2,3-Trichloropropane
 Concen: 1.412 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV025177.D
 Acq: 25 Mar 2022 14:32

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z9DL

Tgt Ion: 75 Resp: 6674
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.7 38.5
 110 2.1 31.2 46.8#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.136 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.184 min
 Lab File: VV025177.D
 Acq: 25 Mar 2022 14:32

Tgt Ion: 75 Resp: 110
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#

