

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090722\
 Data File : VV027776.D
 Acq On : 07 Sep 2022 12:48
 Operator : SY/MD
 Sample : N4418-07DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC1DL

Quant Time: Sep 08 07:54:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

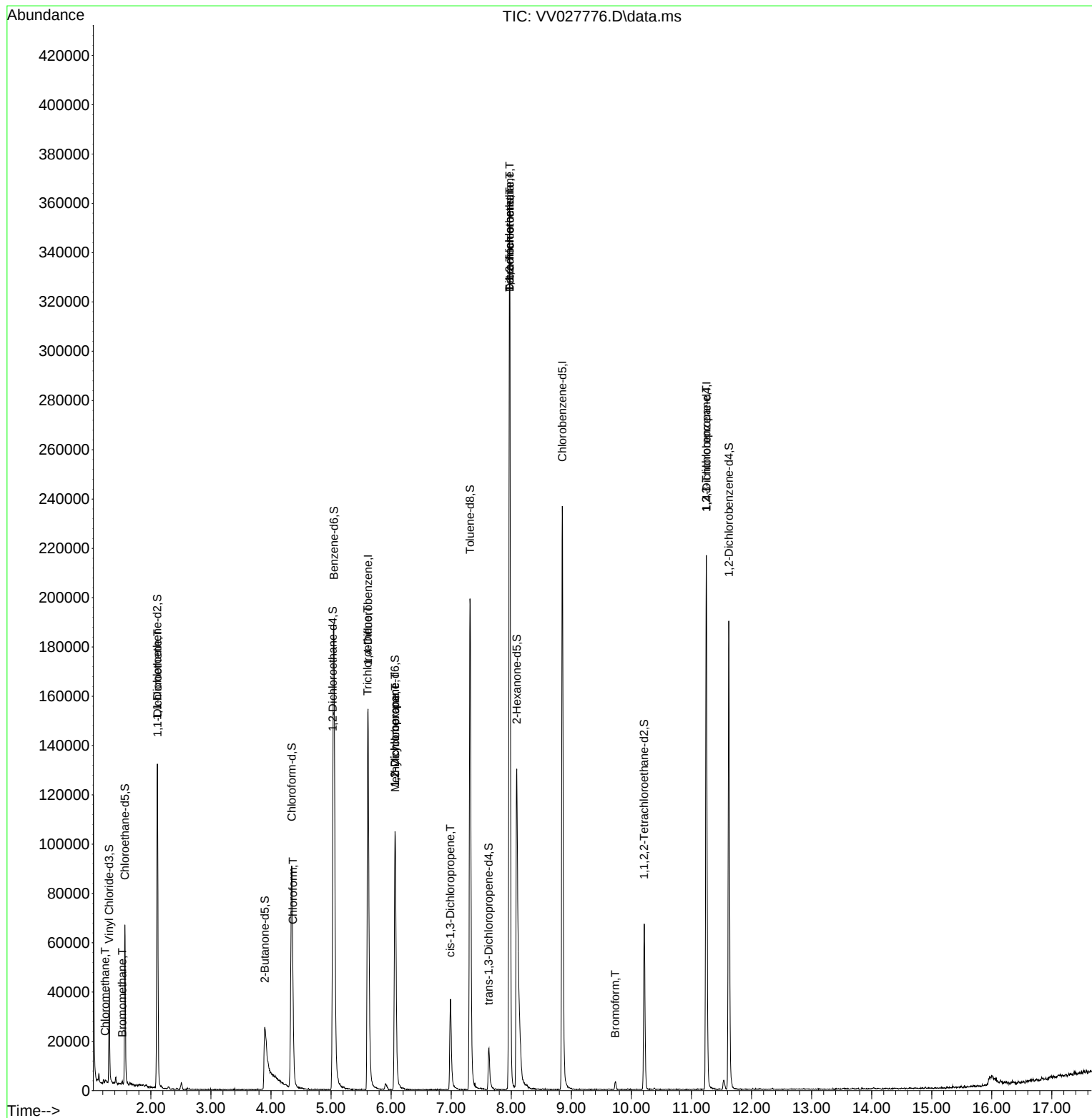
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	138404	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	134755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25006	2.741	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	54.800%	
7) Chloroethane-d5	1.567	69	41241	5.329	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.600%	
11) 1,1-Dichloroethene-d2	2.108	63	70140	3.623	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.400%	
20) 2-Butanone-d5	3.895	46	53670	26.545	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	53.080%	
24) Chloroform-d	4.346	84	95800	5.128	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.030	65	47222	4.747	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.046	84	176072	4.504	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
36) 1,2-Dichloropropane-d6	6.066	67	49166	4.296	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.000%	
41) Toluene-d8	7.313	98	140484	4.274	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	7.625	79	10827	2.820	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	56.400%	
46) 2-Hexanone-d5	8.091	63	56644	39.685	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.380%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	30625	4.167	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	50127	5.048	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	679	0.055	ug/L	91
6) Bromomethane	1.522	94	358	0.053	ug/L #	53
12) 1,1-Dichloroethene	2.111	96	799	0.087	ug/L #	1
25) Chloroform	4.365	83	1688	0.084	ug/L #	73
34) Trichloroethene	5.609	95	4098	0.368	ug/L #	5
35) Methylcyclohexane	6.069	83	13436	0.785	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	5712	0.541	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	999	0.075	ug/L #	39
45) 1,1,2-Trichloroethane	7.976	97	662	0.097	ug/L #	27
47) Tetrachloroethene	7.972	164	80572	9.013	ug/L	96
49) Dibromochloromethane	7.972	129	57999	6.676	ug/L #	10
59) Bromoform	9.731	173	1715	0.469	ug/L #	95
61) 1,2,3-Trichloropropane	11.246	75	6082	1.271	ug/L #	62

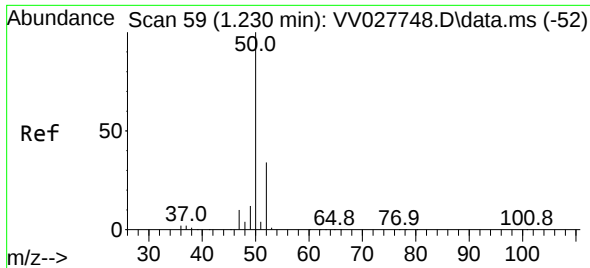
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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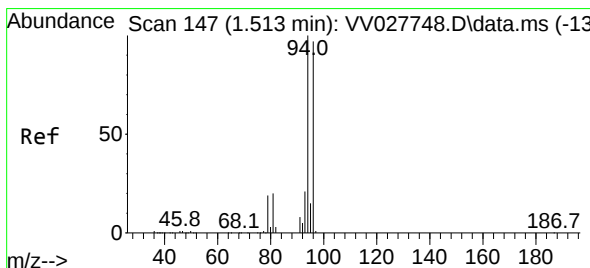
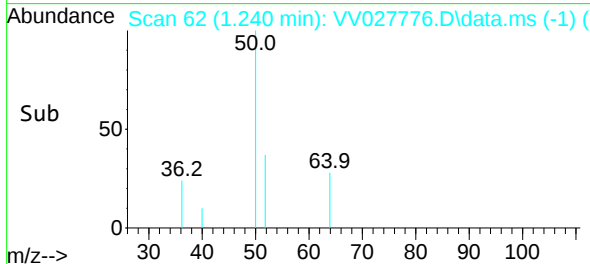
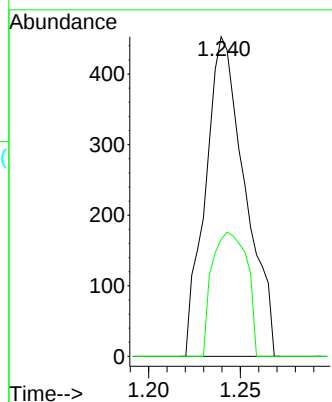
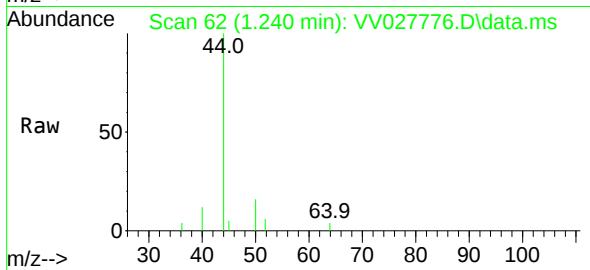




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027776.D
Acq: 07 Sep 2022 12:48

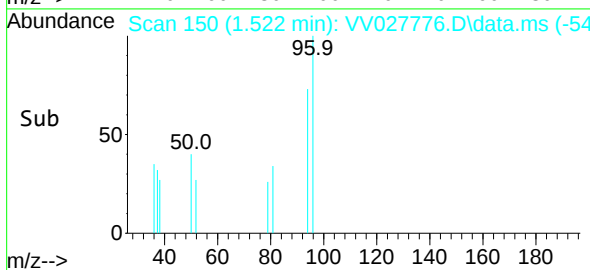
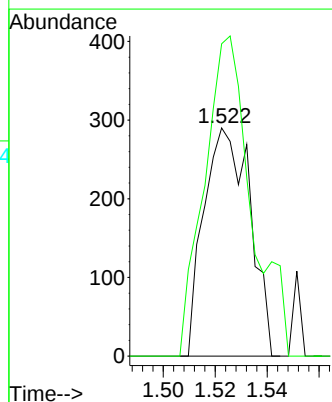
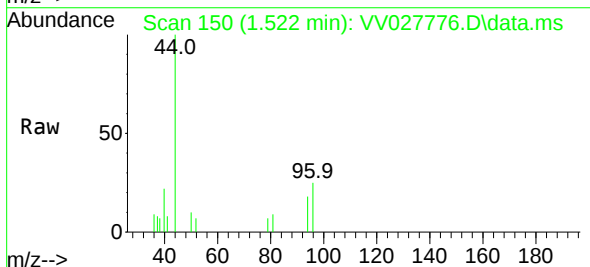
Instrument :
MSVOA_V
ClientSampleId :
DBVC1DL

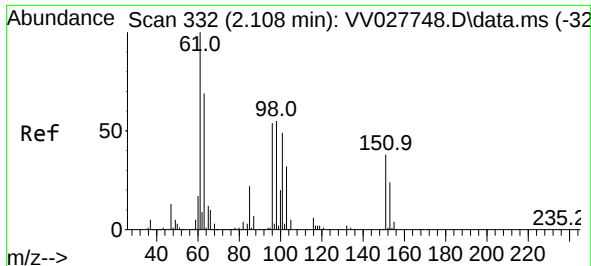
Tgt Ion: 50 Resp: 679
Ion Ratio Lower Upper
50 100
52 36.6 22.1 41.1



#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.522 min Scan# 150
Delta R.T. 0.010 min
Lab File: VV027776.D
Acq: 07 Sep 2022 12:48

Tgt Ion: 94 Resp: 358
Ion Ratio Lower Upper
94 100
96 136.9 64.2 119.2#

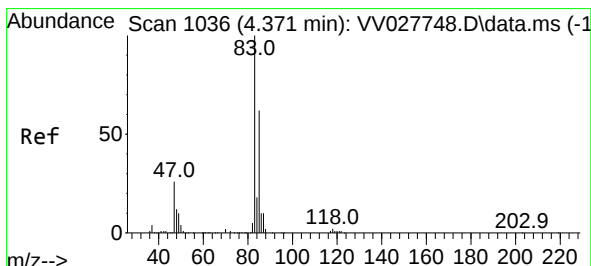
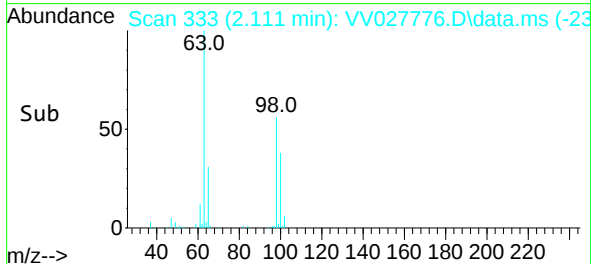
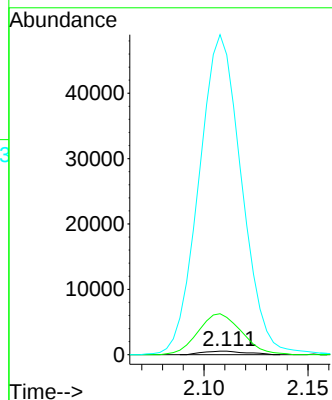
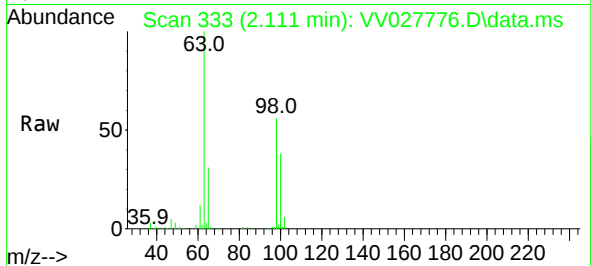




#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.111 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV027776.D
Acq: 07 Sep 2022 12:48

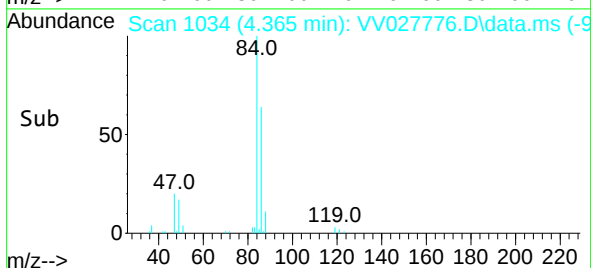
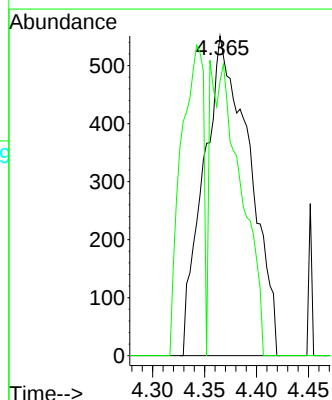
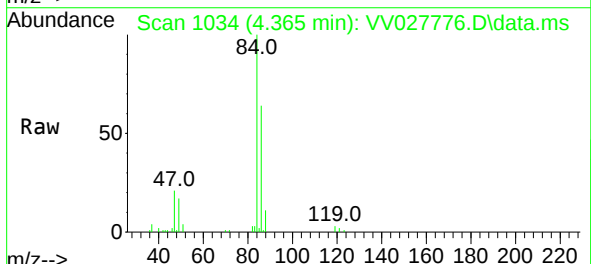
Instrument :
MSVOA_V
ClientSampleId :
DBVC1DL

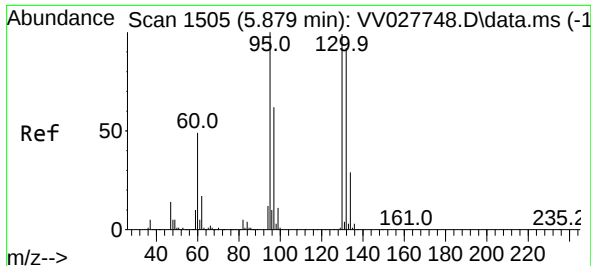
Tgt Ion: 96 Resp: 799
Ion Ratio Lower Upper
96 100
61 1048.3 129.9 241.3#
63 8432.4 94.6 175.8#



#25
Chloroform
Concen: 0.084 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VV027776.D
Acq: 07 Sep 2022 12:48

Tgt Ion: 83 Resp: 1688
Ion Ratio Lower Upper
83 100
85 85.8 45.4 84.2#

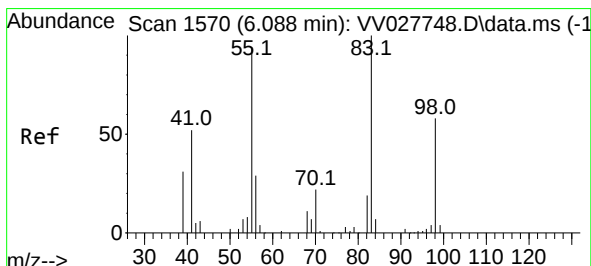
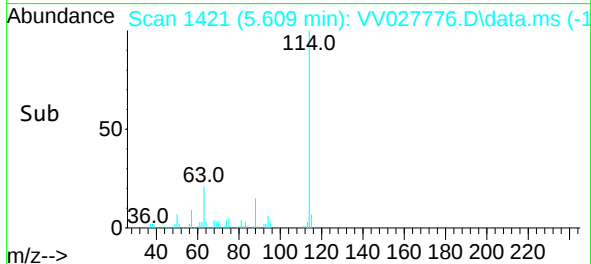
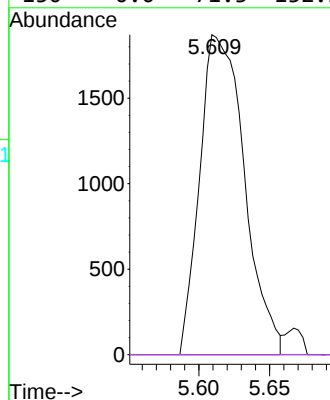
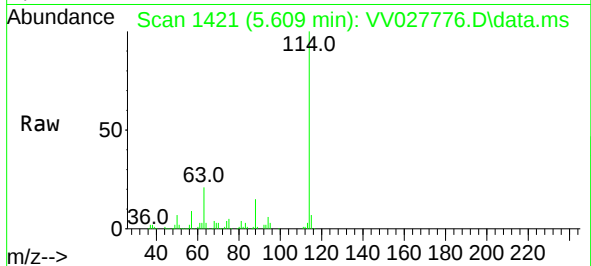




#34
Trichloroethene
Concen: 0.368 ug/L
RT: 5.609 min Scan# 14
Delta R.T. -0.270 min
Lab File: VV027776.D
Acq: 07 Sep 2022 12:48

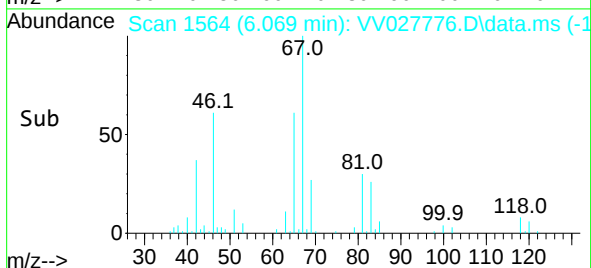
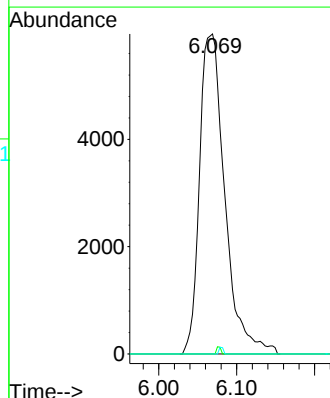
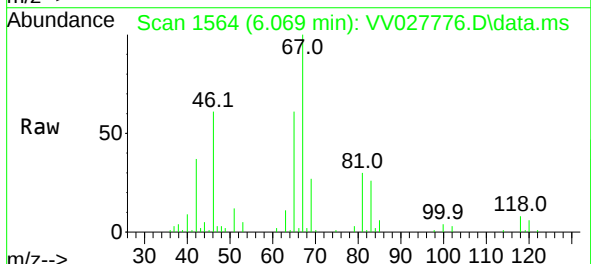
Instrument :
MSVOA_V
ClientSampleId :
DBVC1DL

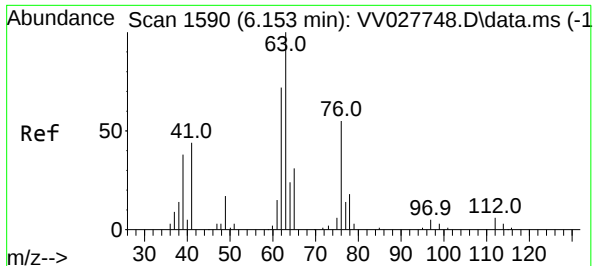
Tgt Ion:	95	Resp:	4098
Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.9	79.7#
132	0.0	67.9	126.1#
130	0.0	71.3	132.3#



#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.019 min
Lab File: VV027776.D
Acq: 07 Sep 2022 12:48

Tgt Ion:	83	Resp:	13436
Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.9	92.9#
98	0.3	37.5	56.3#





#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV027776.D

Acq: 07 Sep 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

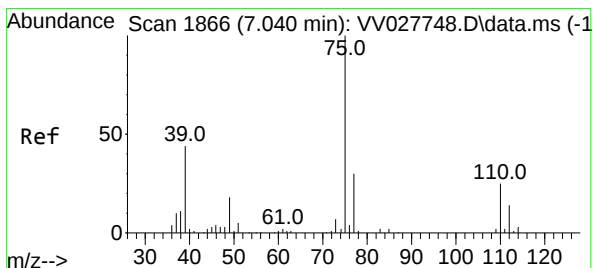
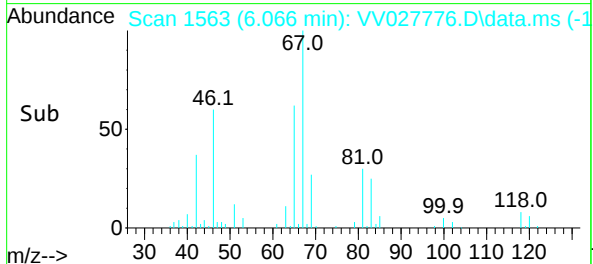
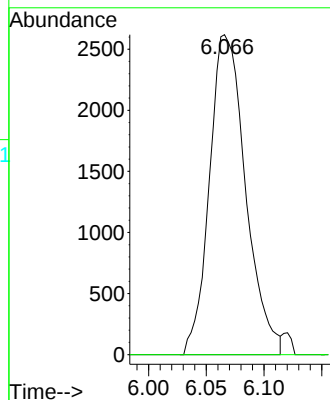
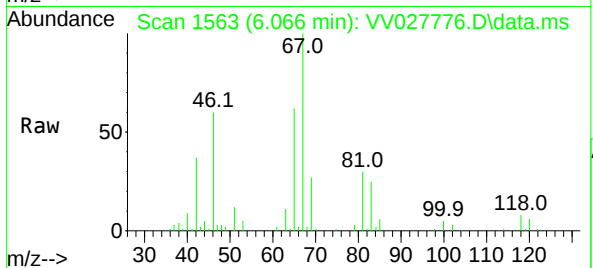
DBVC1DL

Tgt Ion: 63 Resp: 5712

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.055 min

Lab File: VV027776.D

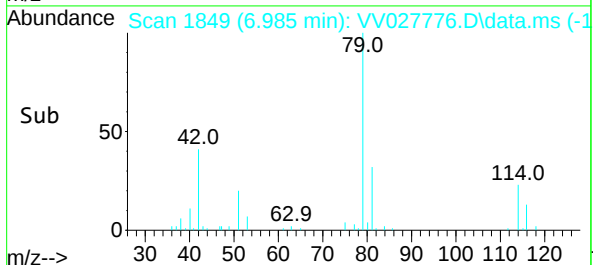
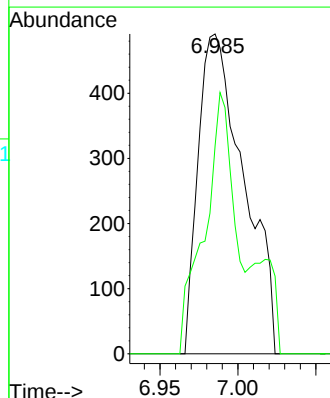
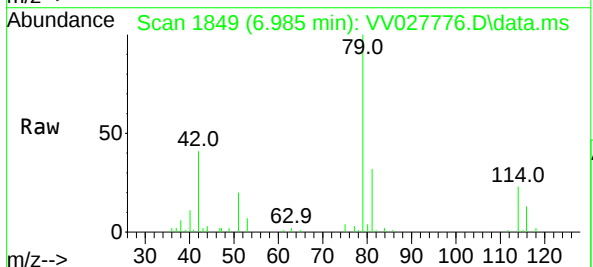
Acq: 07 Sep 2022 12:48

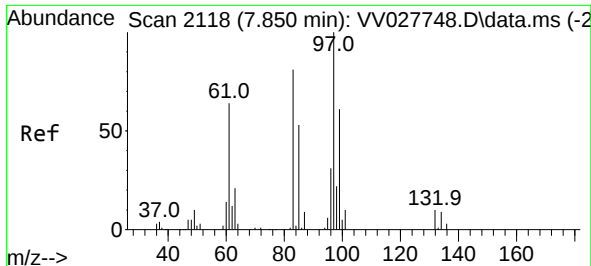
Tgt Ion: 75 Resp: 999

Ion Ratio Lower Upper

75 100

77 65.0 22.0 40.8#





#45

1,1,2-Trichloroethane

Concen: 0.097 ug/L

RT: 7.976 min Scan# 2118

Delta R.T. 0.125 min

Lab File: VV027776.D

Acq: 07 Sep 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

DBVC1DL

Tgt Ion: 97 Resp: 662

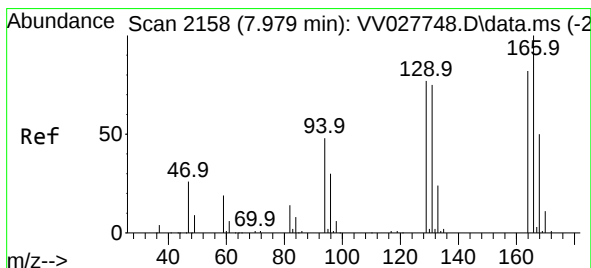
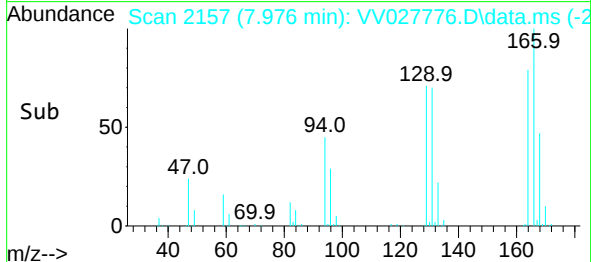
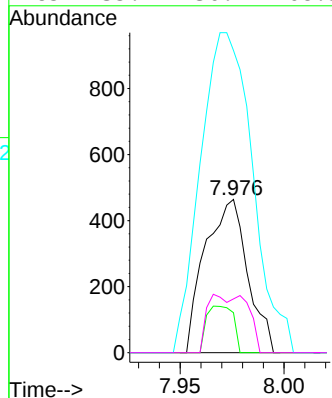
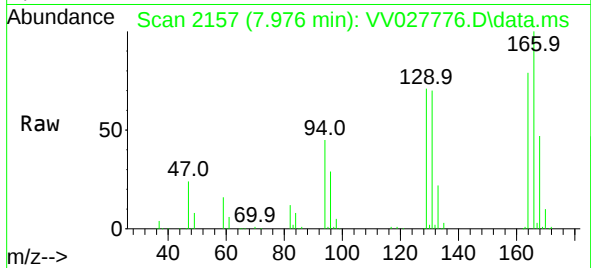
Ion Ratio Lower Upper

97 100

99 26.1 44.2 82.0#

83 197.2 60.3 112.1#

85 35.1 36.9 68.5#



#47

Tetrachloroethene

Concen: 9.013 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027776.D

Acq: 07 Sep 2022 12:48

Tgt Ion:164 Resp: 80572

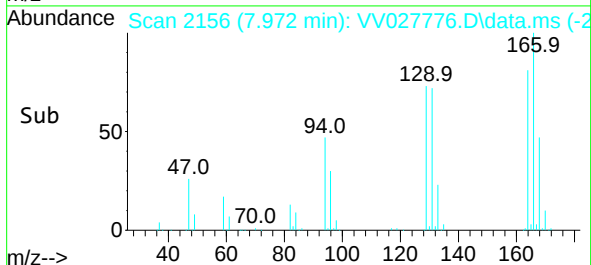
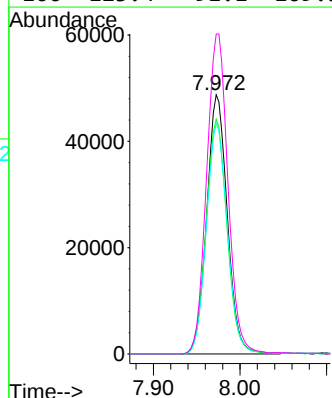
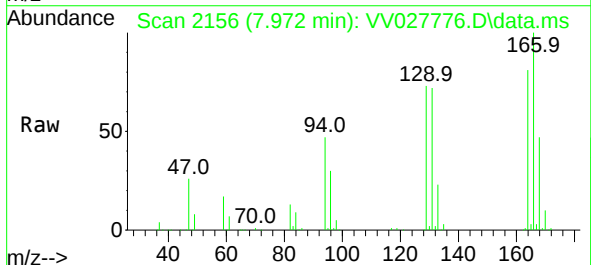
Ion Ratio Lower Upper

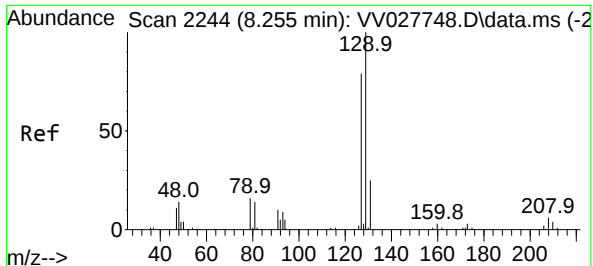
164 100

129 90.6 67.2 124.8

131 89.0 61.5 114.3

166 123.4 91.1 169.3





#49

Dibromochloromethane

Concen: 6.676 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.283 min

Lab File: VV027776.D

Acq: 07 Sep 2022 12:48

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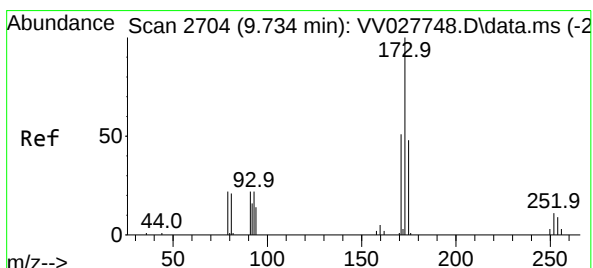
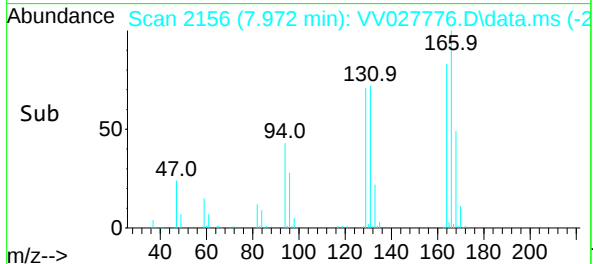
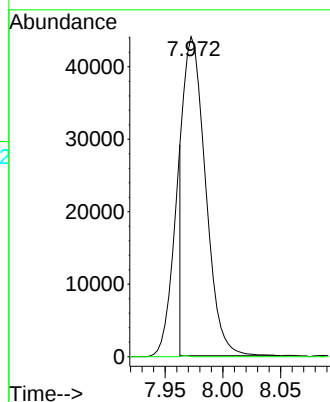
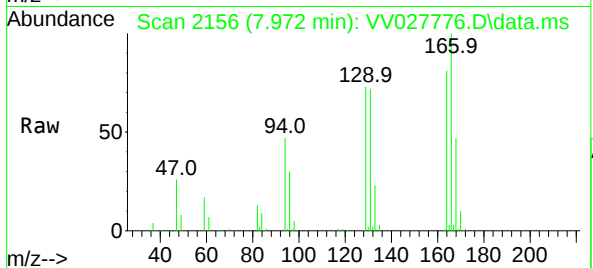
DBVC1DL

Tgt Ion:129 Resp: 57999

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#59

Bromoform

Concen: 0.469 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.003 min

Lab File: VV027776.D

Acq: 07 Sep 2022 12:48

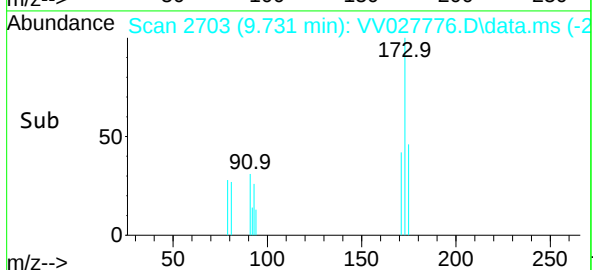
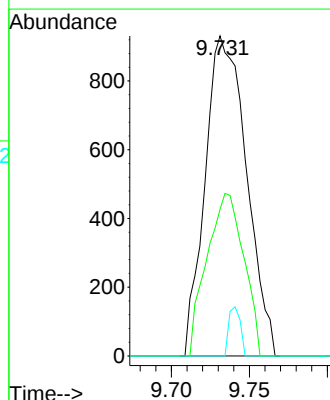
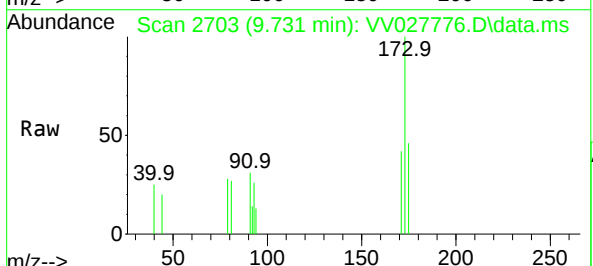
Tgt Ion:173 Resp: 1715

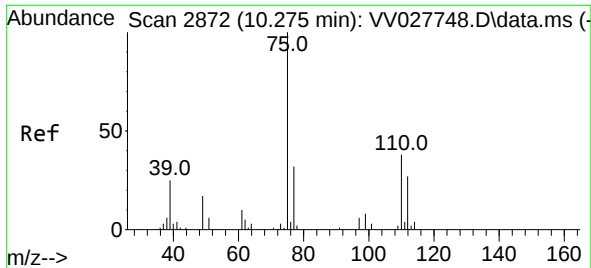
Ion Ratio Lower Upper

173 100

175 45.3 38.4 57.6

254 4.3 6.8 10.2#





#61

1,2,3-Trichloropropane

Concen: 1.271 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

Lab File: VV027776.D

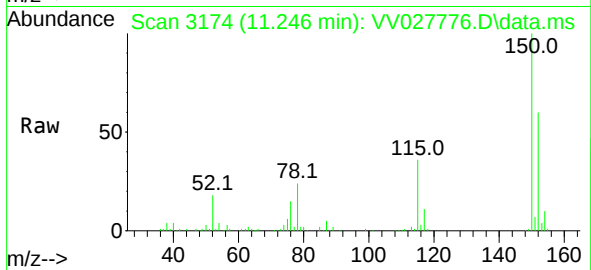
Acq: 07 Sep 2022 12:48

Instrument :

MSVOA_V

ClientSampleId :

DBVC1DL



Tgt Ion: 75 Resp: 6082

Ion Ratio Lower Upper

75 100

77 35.6 27.6 41.4

110 1.7 35.6 53.4#

