

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090722\
 Data File : VV027778.D
 Acq On : 07 Sep 2022 13:34
 Operator : SY/MD
 Sample : N4402-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB5

Quant Time: Sep 08 07:54:44 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	137950	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	130502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41994	4.618	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.568	69	39123	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.108	63	70267	3.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.899	46	56476	28.025	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	56.040%
24) Chloroform-d	4.346	84	93925	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.030	65	46676	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.046	84	173368	4.579	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.066	67	48805	4.403	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.313	98	146095	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.625	79	15992	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	58912	42.619	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.240%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	30477	4.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	51105	5.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	661	0.054	ug/L #	68
5) Vinyl chloride	1.310	62	8891	0.716	ug/L	86
6) Bromomethane	1.519	94	355	0.053	ug/L #	57
12) 1,1-Dichloroethene	2.114	96	810	0.089	ug/L #	1
14) Carbon disulfide	2.294	76	1920	0.071	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	1670	0.077	ug/L #	72
18) trans-1,2-Dichloroethene	2.767	96	1629	0.169	ug/L	82
22) cis-1,2-Dichloroethene	3.908	96	78330	7.444	ug/L #	91
25) Chloroform	4.378	83	4546	0.226	ug/L	95
27) 1,2-Dichloroethane	5.056	62	964	0.079	ug/L #	75
34) Trichloroethene	5.908	95	244190	22.636	ug/L	95
35) Methylcyclohexane	6.069	83	12662	0.764	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	5946	0.581	ug/L #	85
45) 1,1,2-Trichloroethane	7.972	97	1284	0.194	ug/L #	16
47) Tetrachloroethene	7.972	164	147783	17.070	ug/L	98
49) Dibromochloromethane	7.972	129	106729	12.686	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	5797	1.198	ug/L #	60

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 07 06:13:02 2022
Response via : Initial Calibration

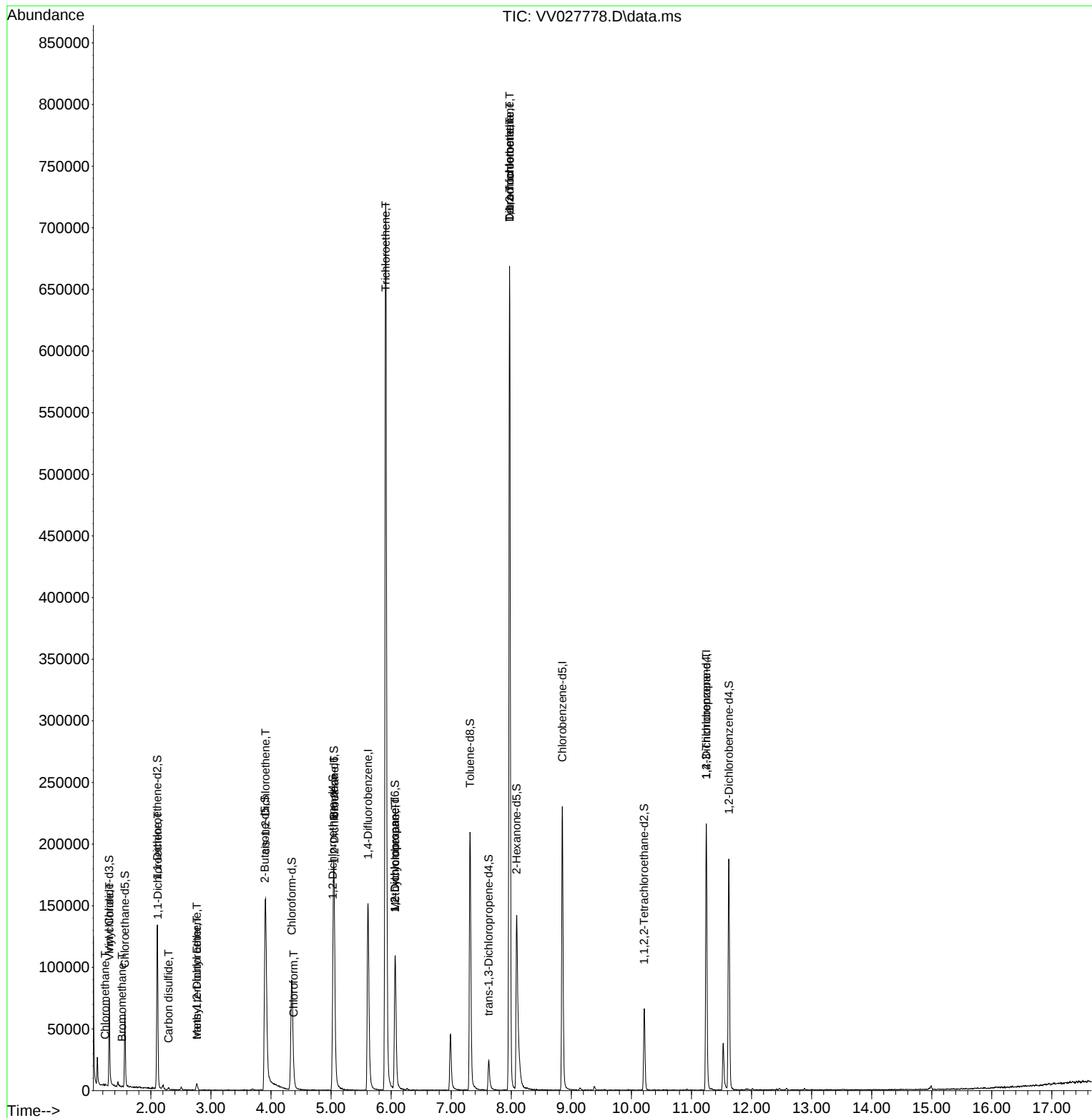
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

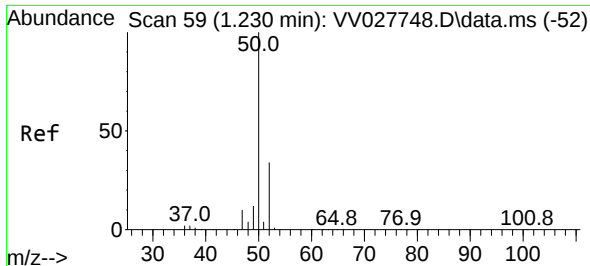
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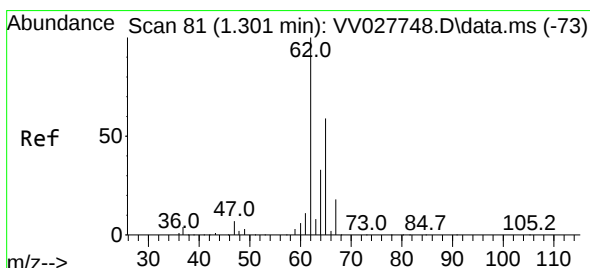
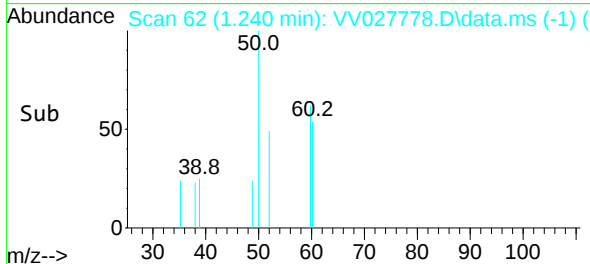
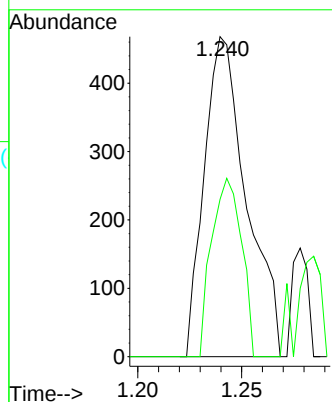
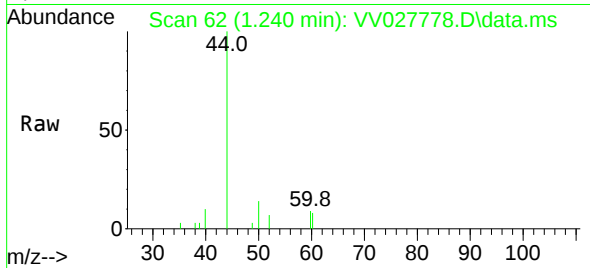




#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027778.D
Acq: 07 Sep 2022 13:34

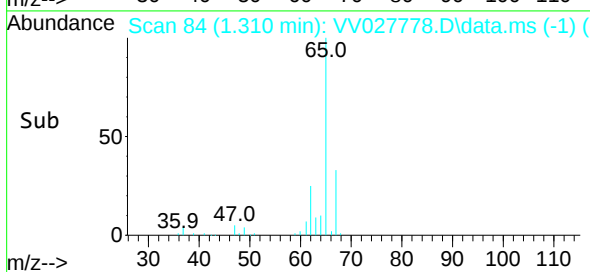
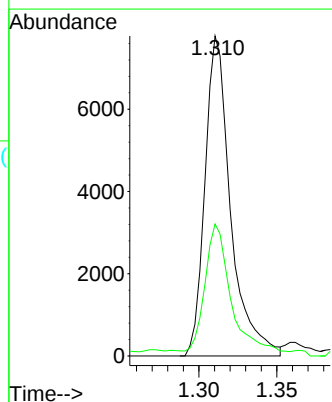
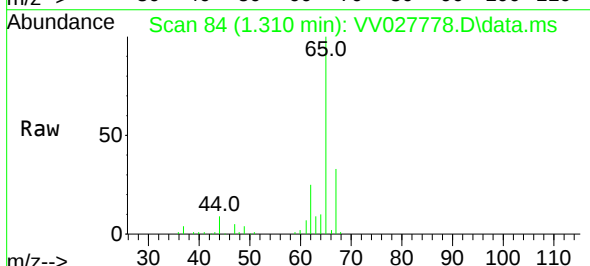
Instrument :
MSVOA_V
ClientSampleId :
DBVB5

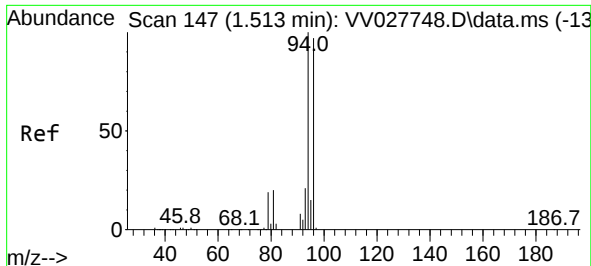
Tgt Ion: 50 Resp: 661
Ion Ratio Lower Upper
50 100
52 49.1 22.1 41.1#



#5
Vinyl chloride
Concen: 0.716 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.010 min
Lab File: VV027778.D
Acq: 07 Sep 2022 13:34

Tgt Ion: 62 Resp: 8891
Ion Ratio Lower Upper
62 100
64 41.3 23.2 43.2

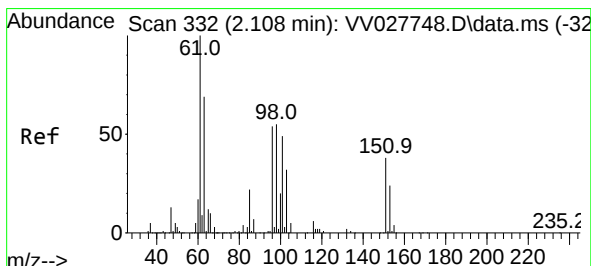
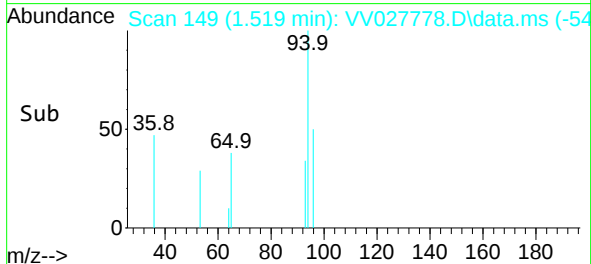
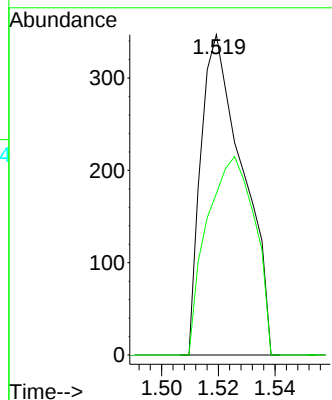
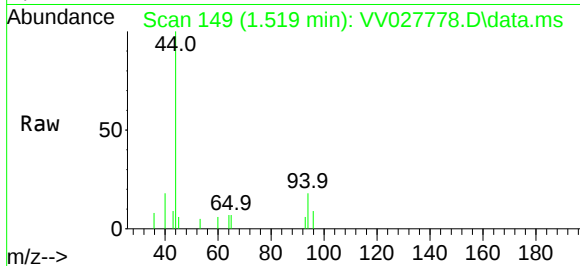




#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.006 min
Lab File: VV027778.D
Acq: 07 Sep 2022 13:34

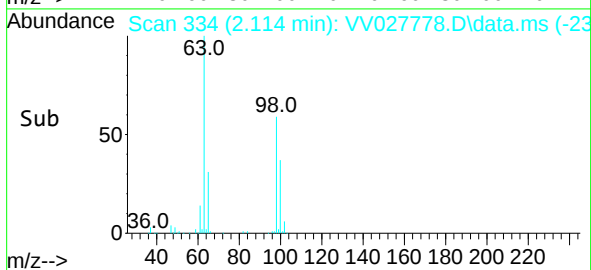
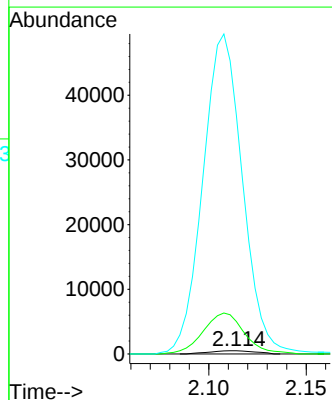
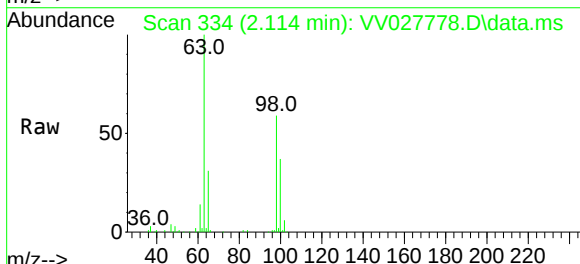
Instrument :
MSVOA_V
ClientSampleId :
DBVB5

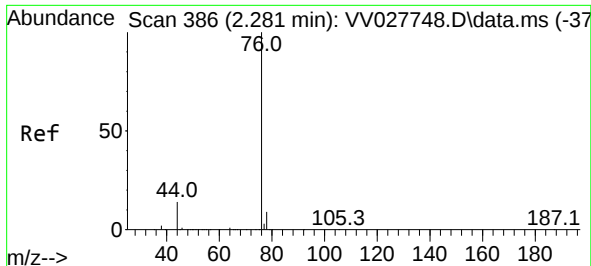
Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 50.4 64.2 119.2#



#12
1,1-Dichloroethene
Concen: 0.089 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.006 min
Lab File: VV027778.D
Acq: 07 Sep 2022 13:34

Tgt Ion: 96 Resp: 810
Ion Ratio Lower Upper
96 100
61 1011.5 129.9 241.3#
63 7430.2 94.6 175.8#

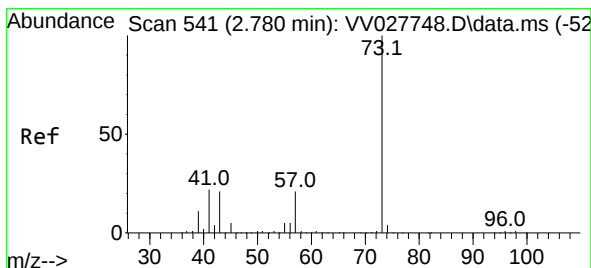
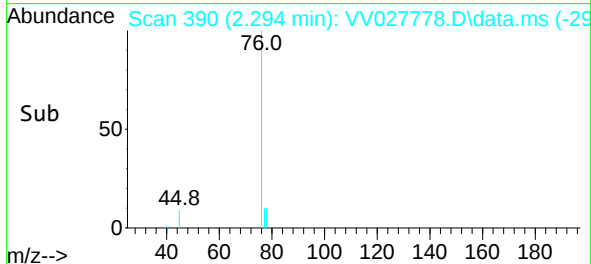
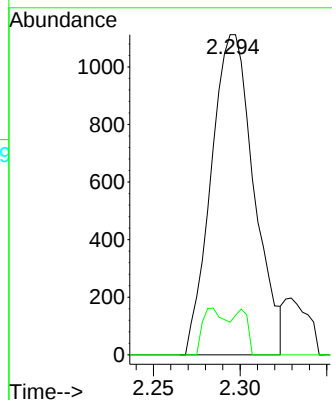
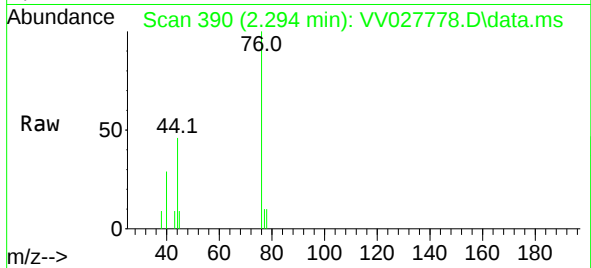




#14
Carbon disulfide
Concen: 0.071 ug/L
RT: 2.294 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV027778.D
Acq: 07 Sep 2022 13:34

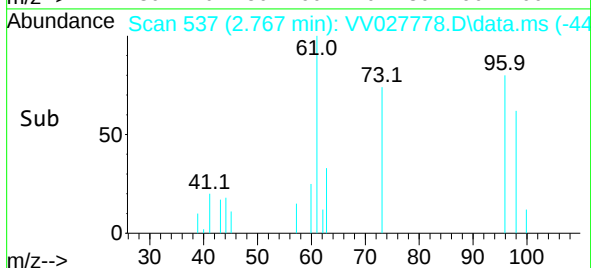
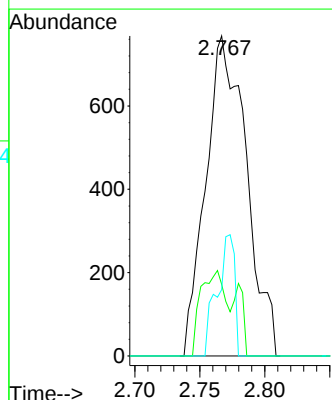
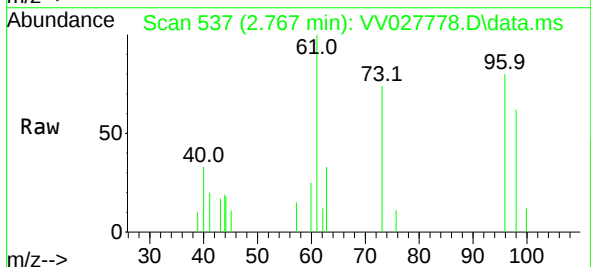
Instrument :
MSVOA_V
ClientSampleId :
DBVB5

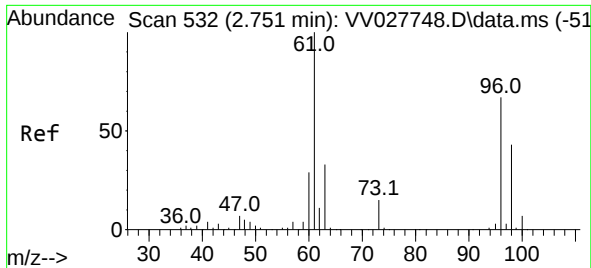
Tgt Ion: 76 Resp: 1920
Ion Ratio Lower Upper
76 100
78 10.2 7.7 11.5



#17
Methyl tert-butyl Ether
Concen: 0.077 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.013 min
Lab File: VV027778.D
Acq: 07 Sep 2022 13:34

Tgt Ion: 73 Resp: 1670
Ion Ratio Lower Upper
73 100
43 16.5 17.5 26.3#
57 0.0 16.9 25.3#

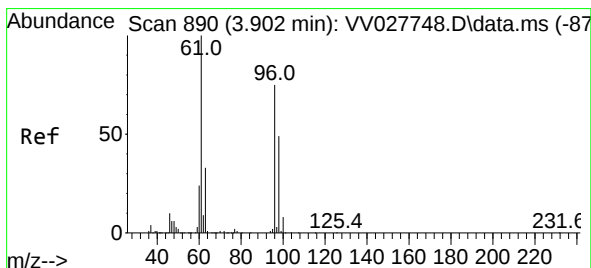
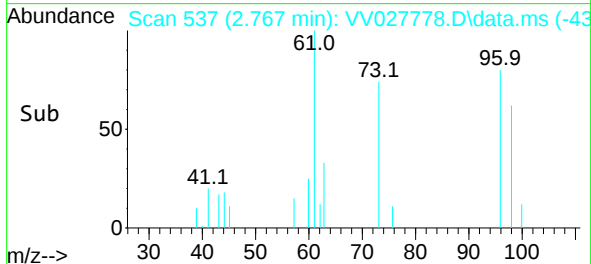
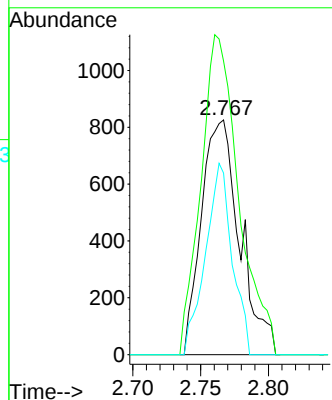
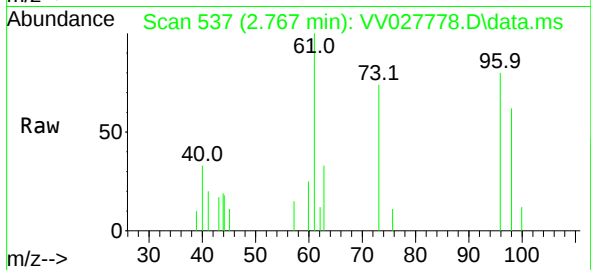




#18
trans-1,2-Dichloroethene
Concen: 0.169 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV027778.D
Acq: 07 Sep 2022 13:34

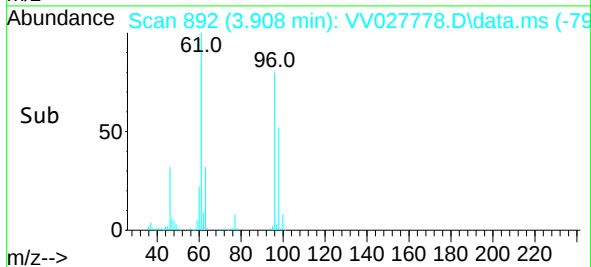
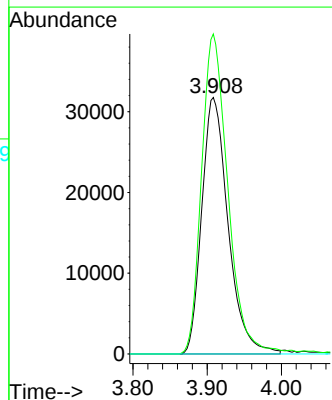
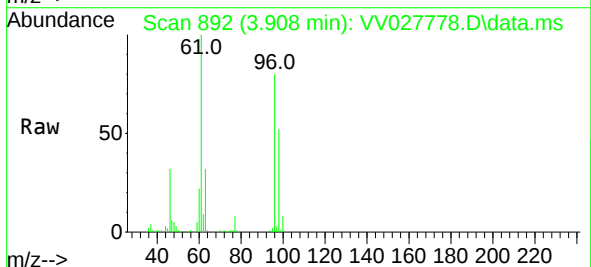
Instrument :
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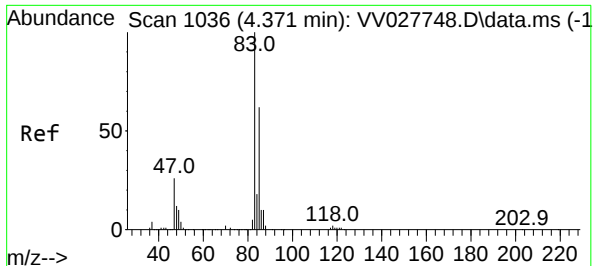
Tgt Ion: 96 Resp: 1629
Ion Ratio Lower Upper
96 100
61 125.1 102.6 190.5
98 77.4 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 7.444 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV027778.D
Acq: 07 Sep 2022 13:34

Tgt Ion: 96 Resp: 78330
Ion Ratio Lower Upper
96 100
61 124.8 94.6 175.6
68 0.0 0.3 0.5





#25

Chloroform

Concen: 0.226 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV027778.D

Acq: 07 Sep 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

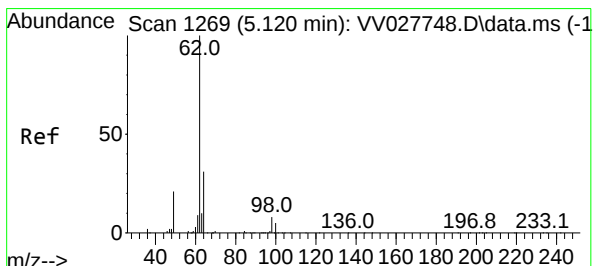
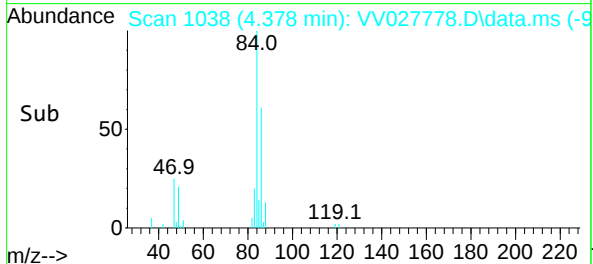
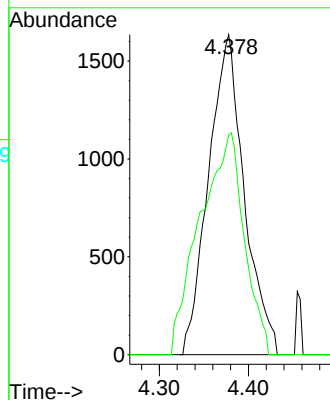
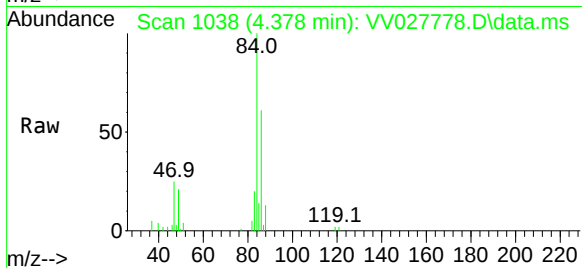
DBVB5

Tgt Ion: 83 Resp: 4546

Ion Ratio Lower Upper

83 100

85 68.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.079 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.064 min

Lab File: VV027778.D

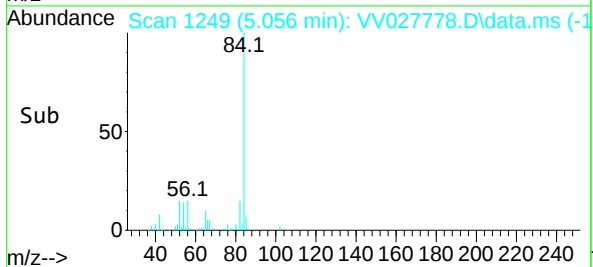
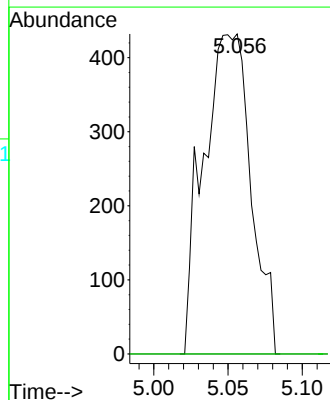
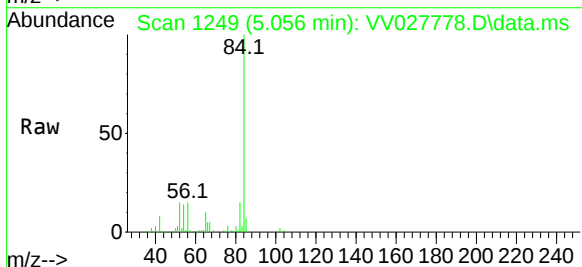
Acq: 07 Sep 2022 13:34

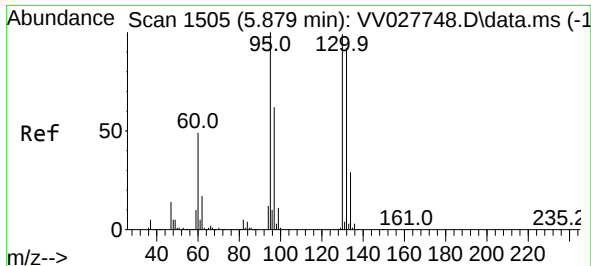
Tgt Ion: 62 Resp: 964

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#





#34

Trichloroethene

Concen: 22.636 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV027778.D

Acq: 07 Sep 2022 13:34

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Tgt Ion: 95 Resp: 244190

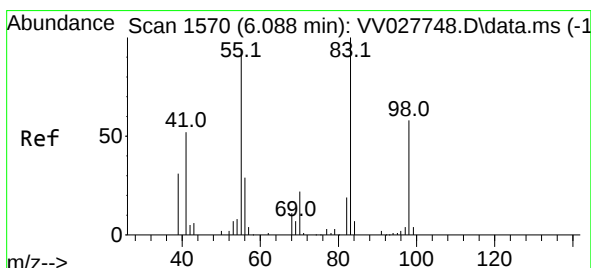
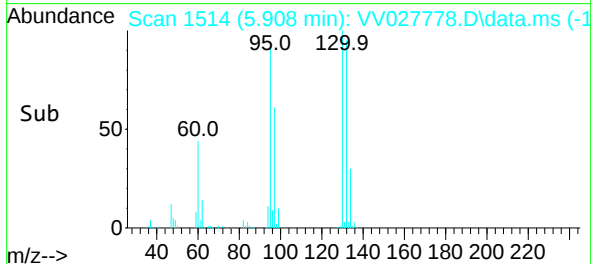
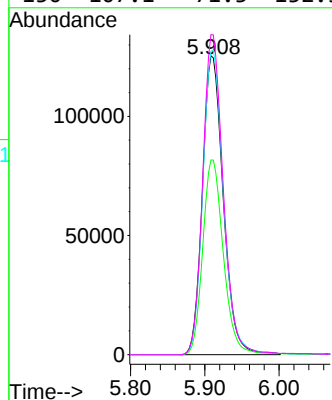
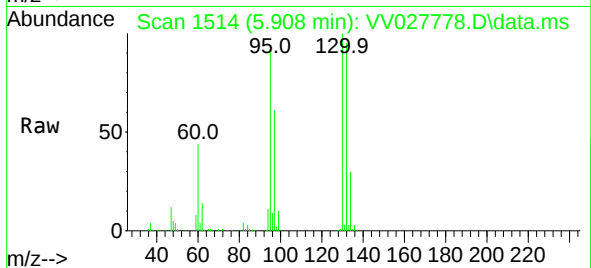
Ion Ratio Lower Upper

95 100

97 65.1 42.9 79.7

132 101.4 67.9 126.1

130 107.1 71.3 132.3



#35

Methylcyclohexane

Concen: 0.764 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.019 min

Lab File: VV027778.D

Acq: 07 Sep 2022 13:34

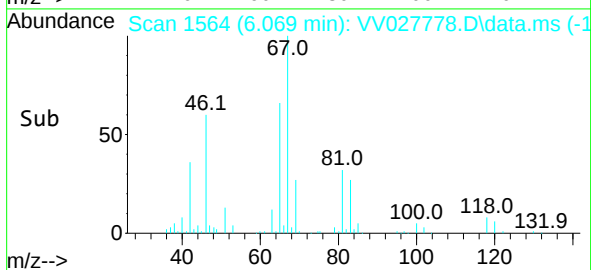
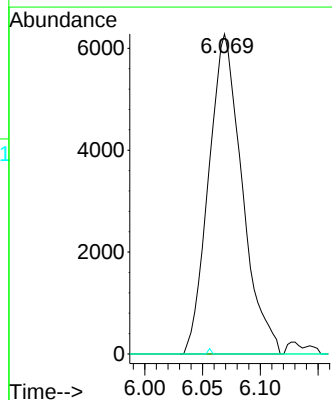
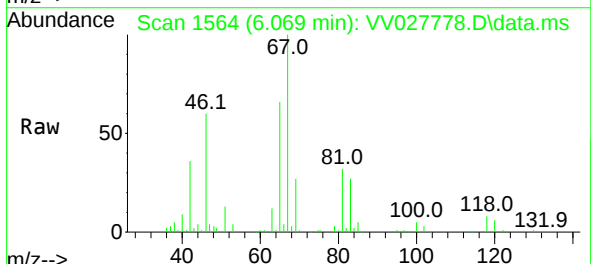
Tgt Ion: 83 Resp: 12662

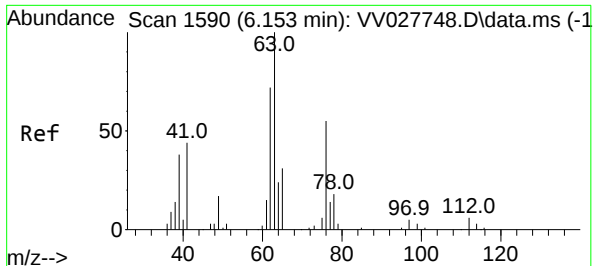
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.0 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV027778.D

Acq: 07 Sep 2022 13:34

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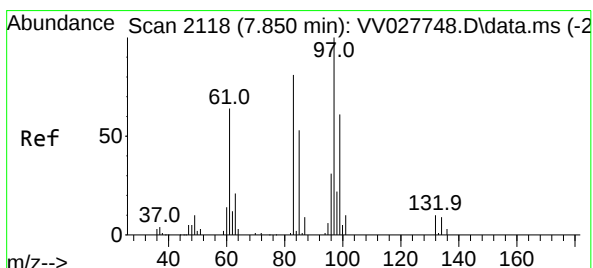
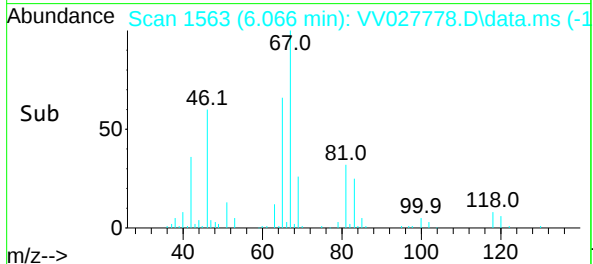
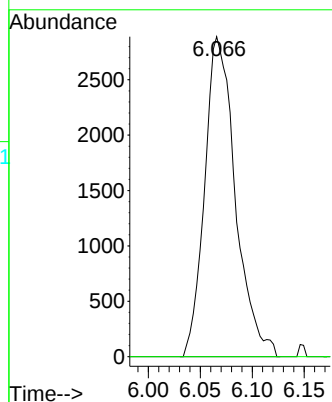
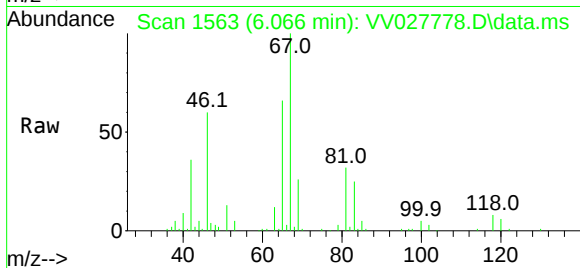
DBVB5

Tgt Ion: 63 Resp: 5946

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#45

1,1,2-Trichloroethane

Concen: 0.194 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.122 min

Lab File: VV027778.D

Acq: 07 Sep 2022 13:34

Tgt Ion: 97 Resp: 1284

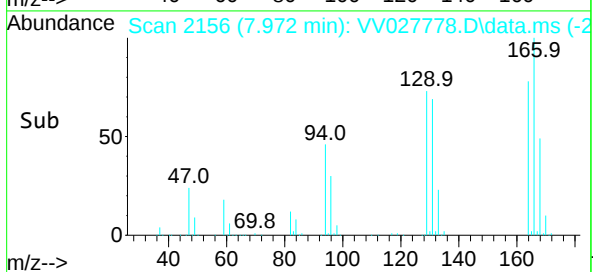
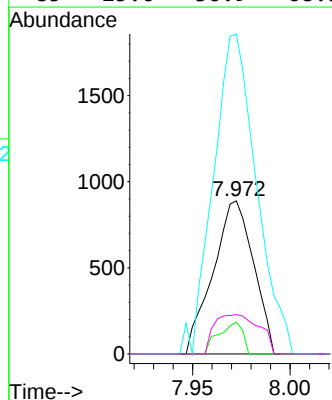
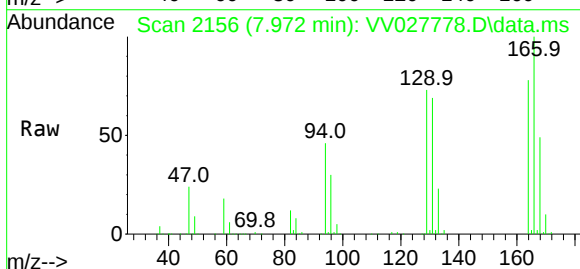
Ion Ratio Lower Upper

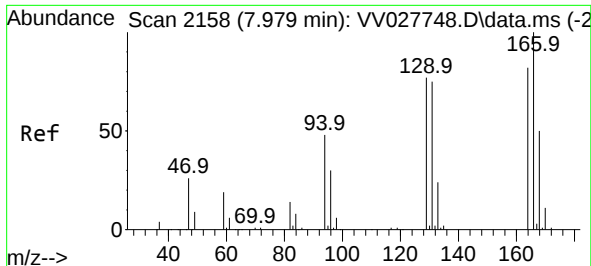
97 100

99 20.8 44.2 82.0#

83 209.0 60.3 112.1#

85 25.6 36.9 68.5#





#47

Tetrachloroethene

Concen: 17.070 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027778.D

Acq: 07 Sep 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

DBVB5

Tgt Ion:164 Resp: 147783

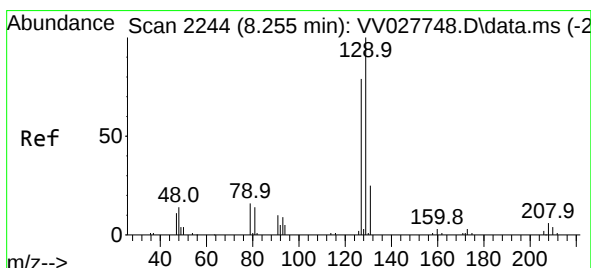
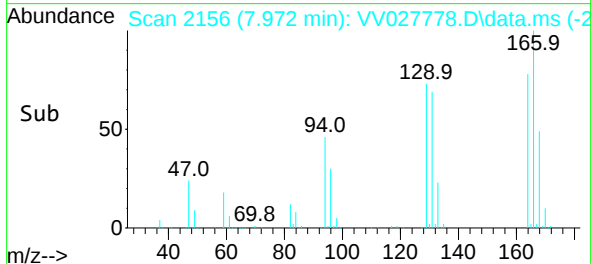
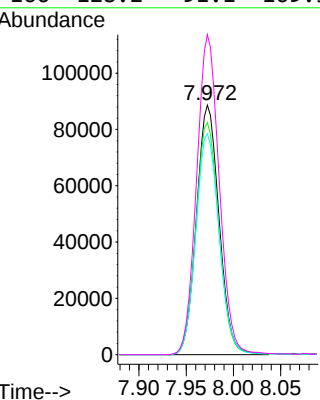
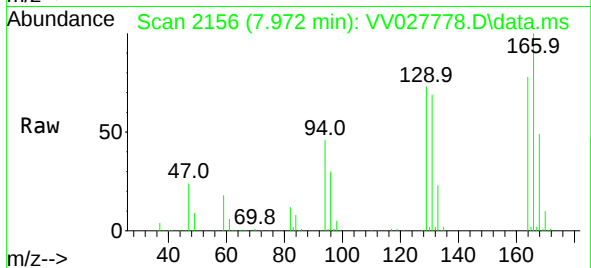
Ion Ratio Lower Upper

164 100

129 92.9 67.2 124.8

131 88.4 61.5 114.3

166 128.2 91.1 169.3



#49

Dibromochloromethane

Concen: 12.686 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.283 min

Lab File: VV027778.D

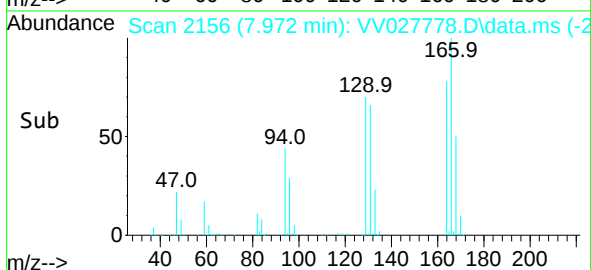
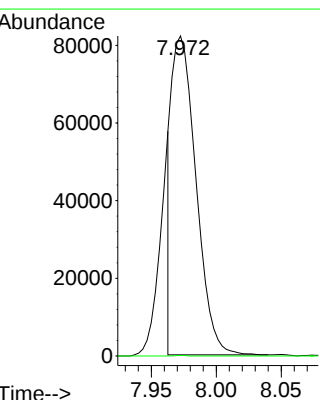
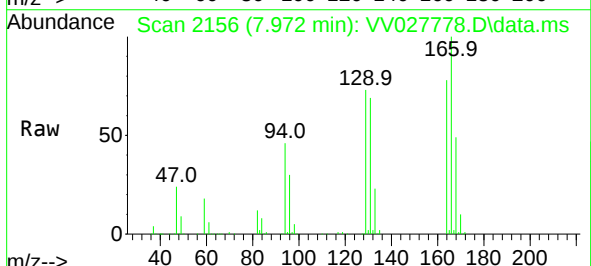
Acq: 07 Sep 2022 13:34

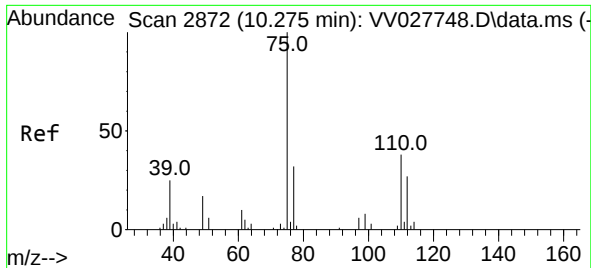
Tgt Ion:129 Resp: 106729

Ion Ratio Lower Upper

129 100

127 0.1 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.198 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV027778.D
 Acq: 07 Sep 2022 13:34

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB5

Tgt Ion: 75 Resp: 5797
 Ion Ratio Lower Upper
 75 100
 77 37.5 27.6 41.4
 110 0.7 35.6 53.4#

