

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022593.D
 Acq On : 06 Oct 2021 01:24
 Operator : SY/MD
 Sample : M4051-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 08:07:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102103	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99593	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	45555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39238	11.994	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	239.800%#	
7) Chloroethane-d5	1.564	69	35044	7.947	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	159.000%#	
11) 1,1-Dichloroethene-d2	2.105	63	59129	6.229	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	124.600%	
20) 2-Butanone-d5	3.880	46	98799	51.092	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.180%	
24) Chloroform-d	4.349	84	70866	5.626	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.600%	
26) 1,2-Dichloroethane-d4	5.034	65	37088	6.250	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	125.000%	
32) Benzene-d6	5.053	84	147352	6.566	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	131.400%#	
36) 1,2-Dichloropropane-d6	6.069	67	44533	5.624	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.400%	
41) Toluene-d8	7.317	98	126512	6.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	134.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	12855	6.135	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	122.600%	
46) 2-Hexanone-d5	8.088	63	67116	51.729	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31651	5.261	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.200%	
66) 1,2-Dichlorobenzene-d4	11.628	152	50075	7.106	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	142.200%#	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.934	101	2761	0.235	ug/L	88
12) 1,1-Dichloroethene	2.108	96	1060	0.169	ug/L #	1
13) Acetone	2.172	43	1704	1.639	ug/L #	31
14) Carbon disulfide	2.291	76	1802	0.098	ug/L #	92
22) cis-1,2-Dichloroethene	3.915	96	6589	0.891	ug/L	90
25) Chloroform	4.384	83	6037	0.452	ug/L	90
27) 1,2-Dichloroethane	5.047	62	532	0.075	ug/L #	74
31) Carbon tetrachloride	4.831	117	723	0.072	ug/L #	50
34) Trichloroethene	5.918	95	21929	2.811	ug/L	98
35) Methylcyclohexane	6.072	83	11360	1.039	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	4943	0.754	ug/L #	84
42) Toluene	7.400	91	3778	0.134	ug/L	96
47) Tetrachloroethene	7.973	164	885	0.146	ug/L	83
48) 2-Hexanone	8.146	43	7699	2.967	ug/L #	84
49) Dibromochloromethane	7.979	129	888	0.154	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	4916	1.456	ug/L #	64

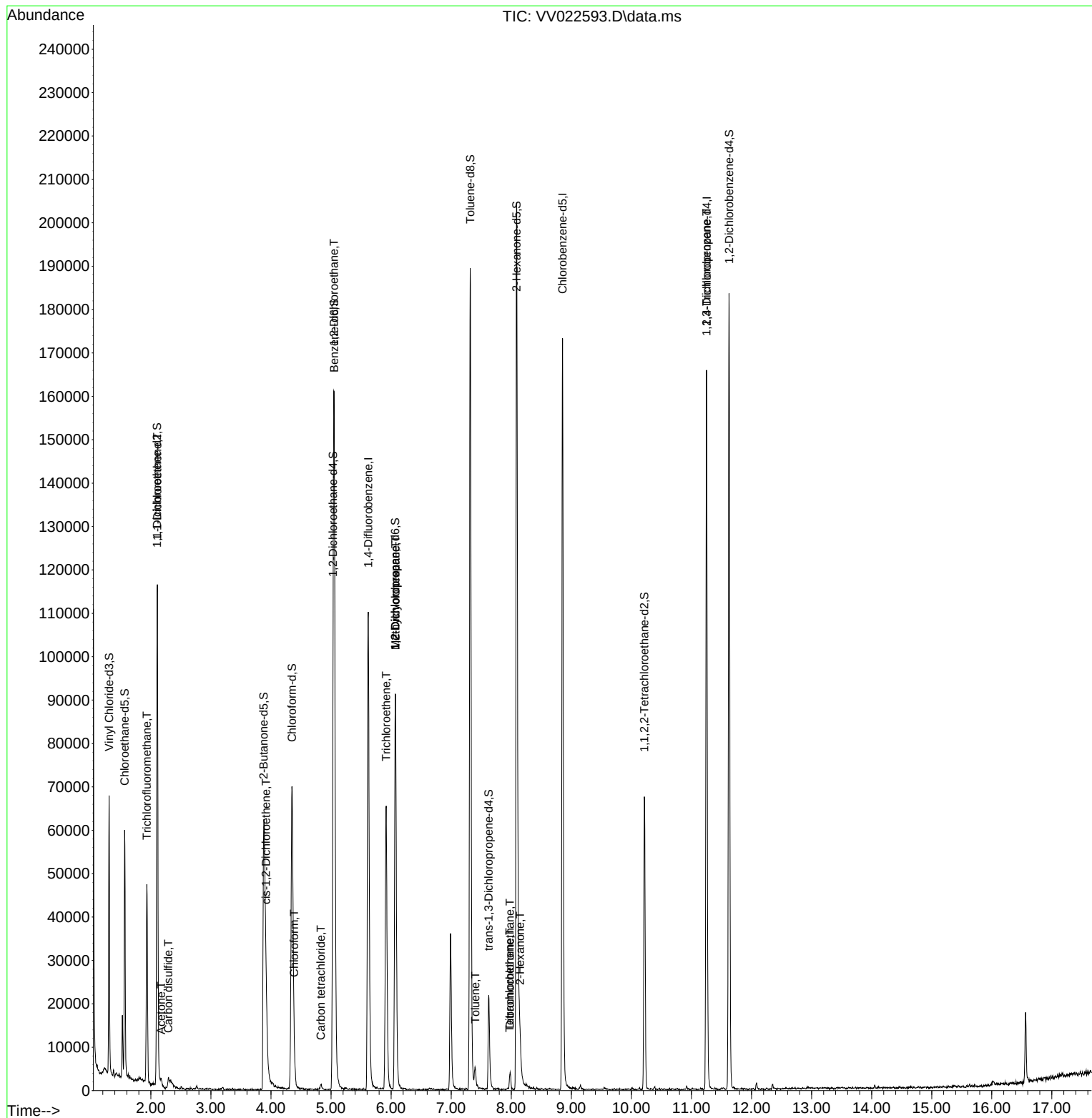
(#) = qualifier out of range (m) = manual integration (+) = signals summed

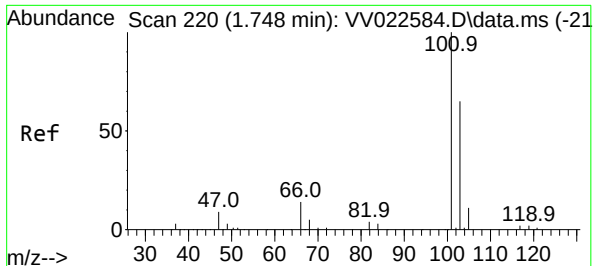
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
Data File : VV022593.D
Acq On : 06 Oct 2021 01:24
Operator : SY/MD
Sample : M4051-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 06 08:07:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 07:50:25 2021
Response via : Initial Calibration

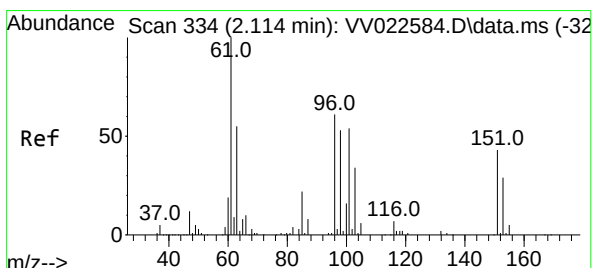
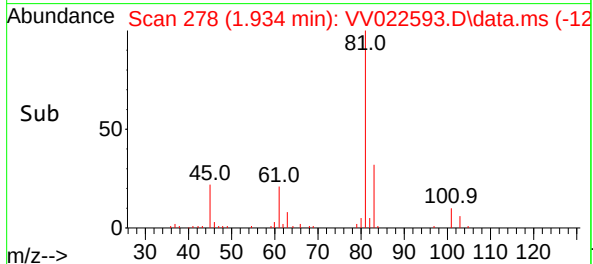
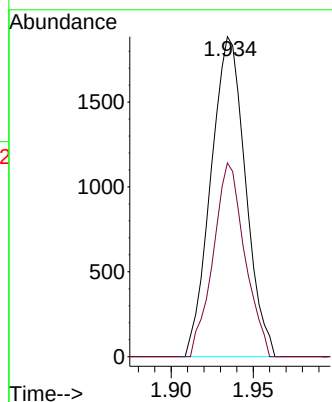
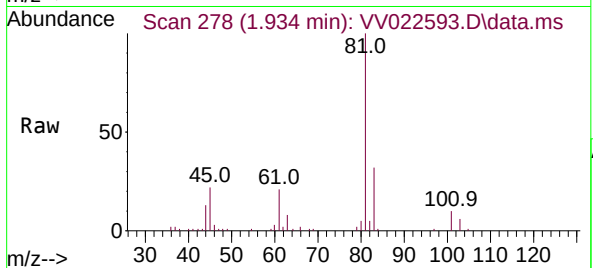




#9
Trichlorofluoromethane
Concen: 0.235 ug/L
RT: 1.934 min Scan# 278
Delta R.T. 0.186 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

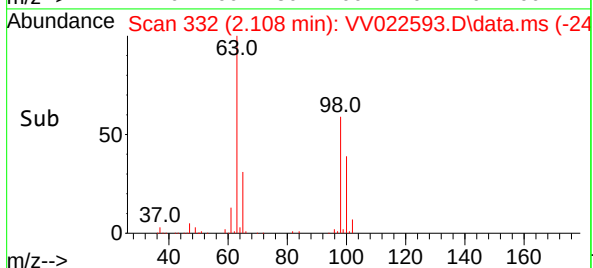
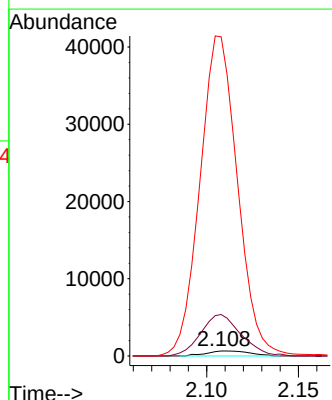
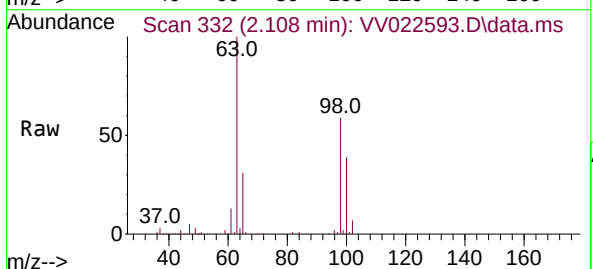
Instrument :
MSVOA_V
ClientSampled :

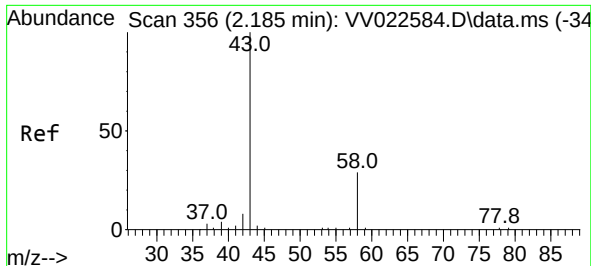
Tgt Ion:101 Resp: 2761
Ion Ratio Lower Upper
101 100
103 55.3 51.4 77.2



#12
1,1-Dichloroethene
Concen: 0.169 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

Tgt Ion: 96 Resp: 1060
Ion Ratio Lower Upper
96 100
61 831.9 113.2 210.2#
63 6398.8 66.6 123.8#

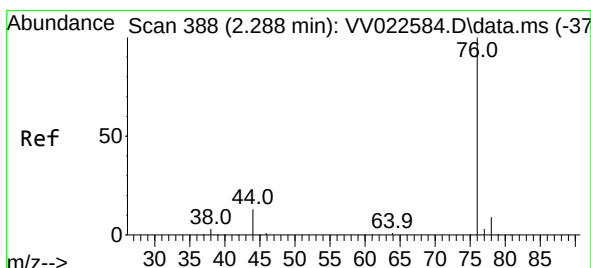
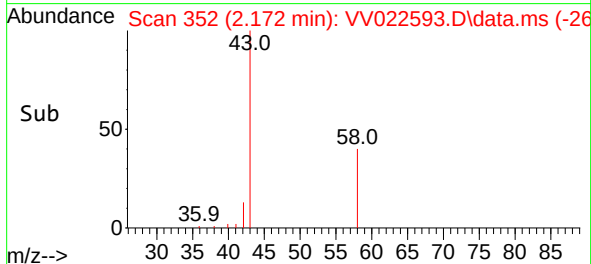
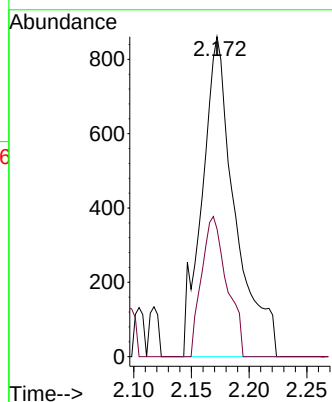
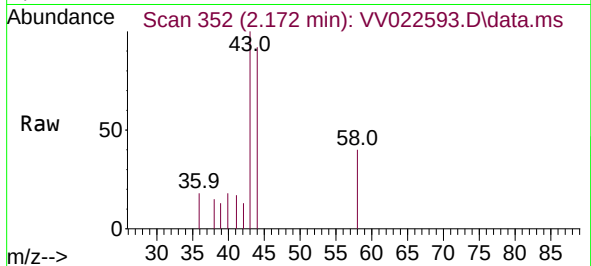




#13
Acetone
Concen: 1.639 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.013 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

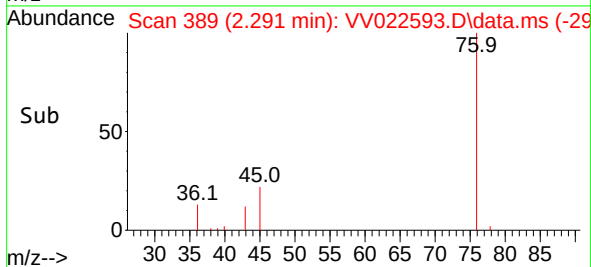
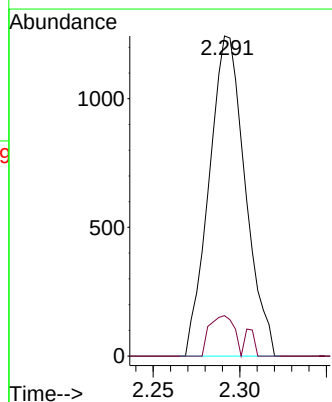
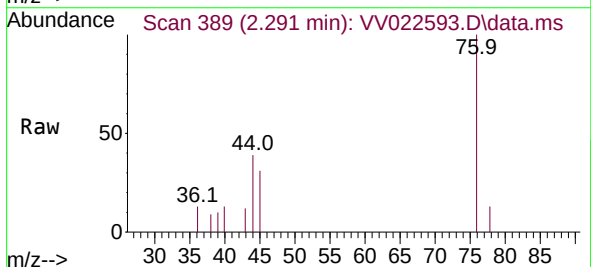
Instrument :
MSVOA_V
ClientSampleId :

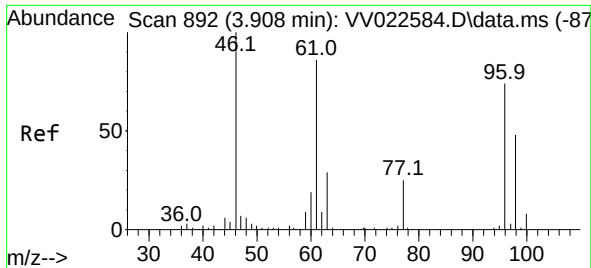
Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
58 33.7 0.0 17.6#



#14
Carbon disulfide
Concen: 0.098 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

Tgt Ion: 76 Resp: 1802
Ion Ratio Lower Upper
76 100
78 12.6 7.8 11.6#

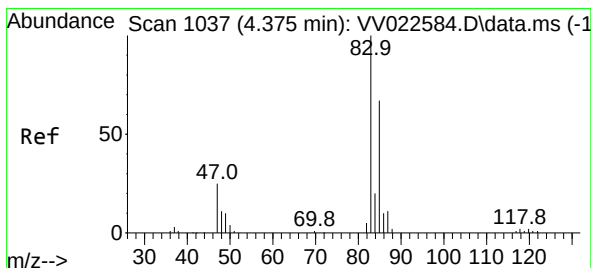
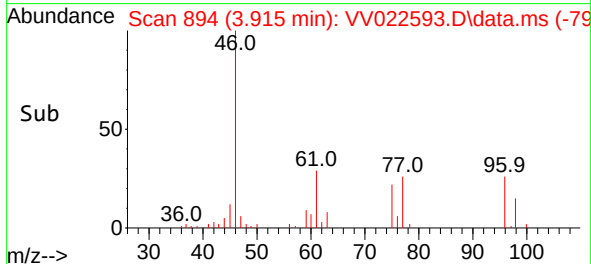
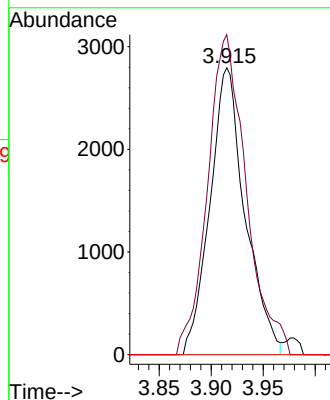
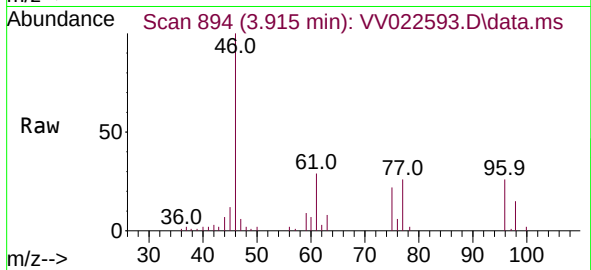




#22
cis-1,2-Dichloroethene
Concen: 0.891 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

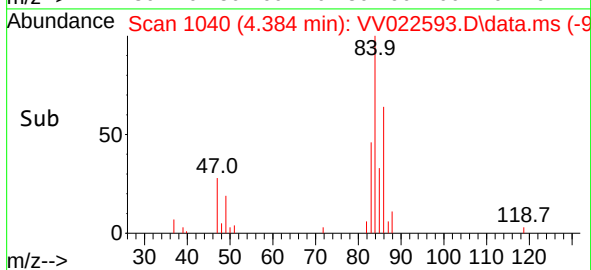
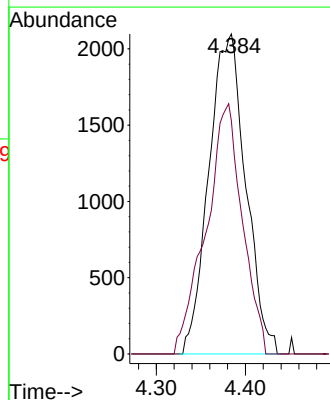
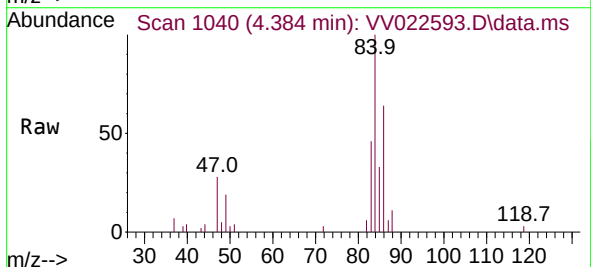
Instrument :
MSVOA_V
ClientSampled :

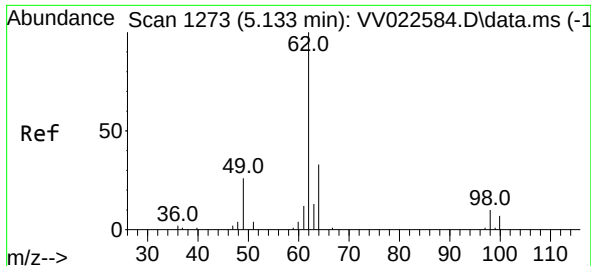
Tgt Ion: 96 Resp: 6589
Ion Ratio Lower Upper
96 100
61 111.5 85.6 159.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.452 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.010 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

Tgt Ion: 83 Resp: 6037
Ion Ratio Lower Upper
83 100
85 72.8 45.6 84.8





#27

1,2-Dichloroethane

Concen: 0.075 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.087 min

Lab File: VV022593.D

Acq: 06 Oct 2021 01:24

Tgt Ion: 62 Resp: 532

Ion Ratio Lower Upper

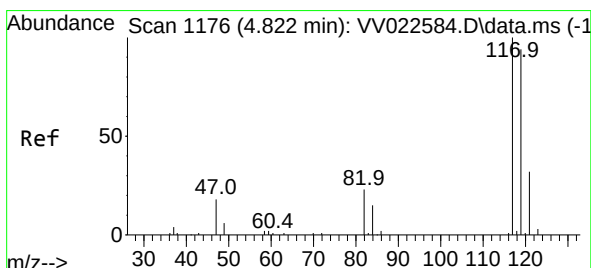
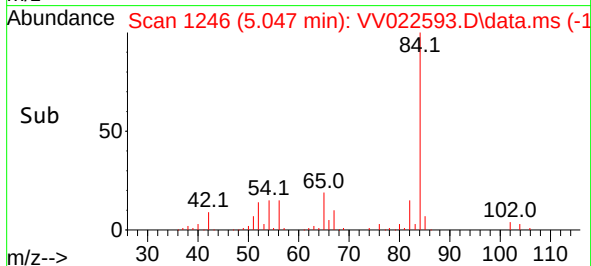
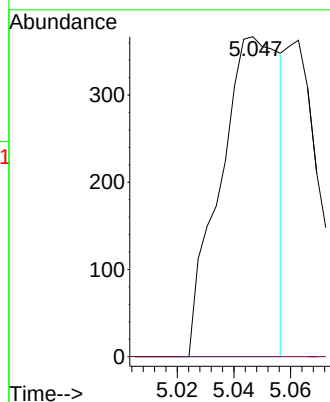
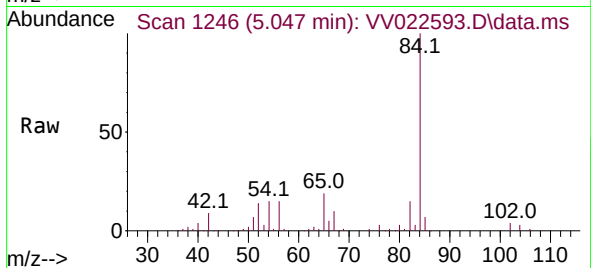
62 100

98 0.0 7.4 11.2#

Instrument :

MSVOA_V

ClientSampled :



#31

Carbon tetrachloride

Concen: 0.072 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.010 min

Lab File: VV022593.D

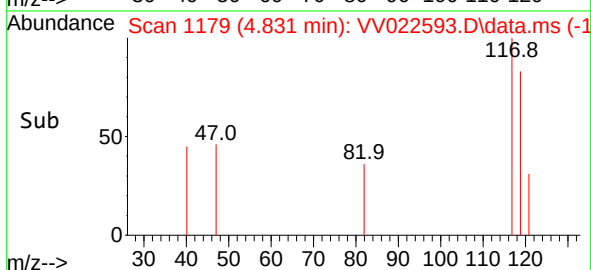
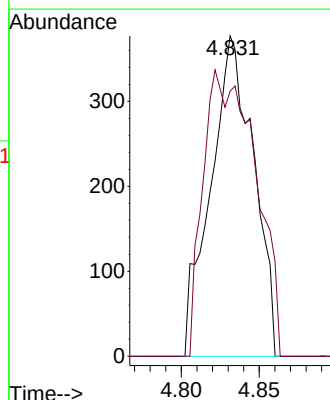
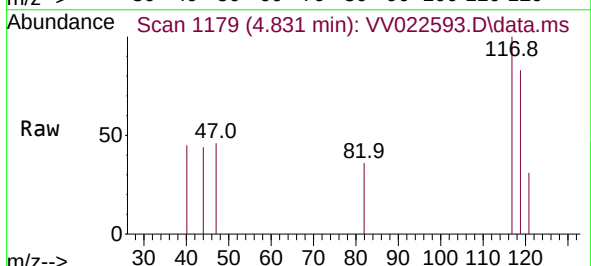
Acq: 06 Oct 2021 01:24

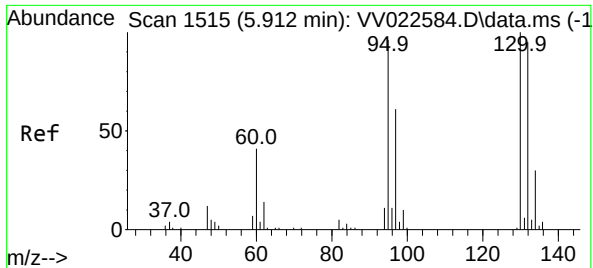
Tgt Ion: 117 Resp: 723

Ion Ratio Lower Upper

117 100

119 47.3 76.9 115.3#

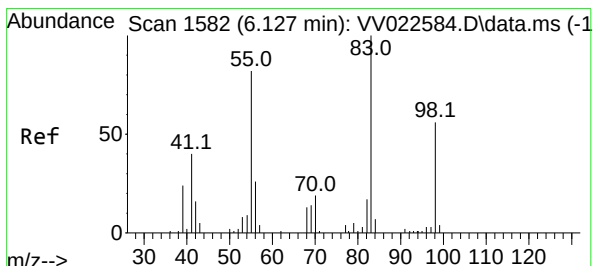
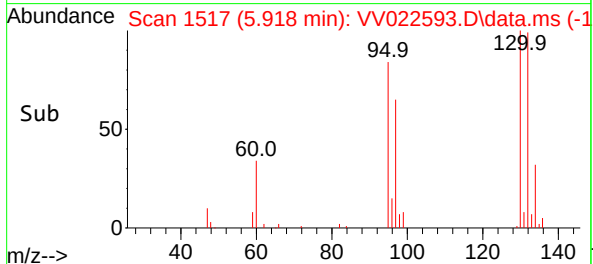
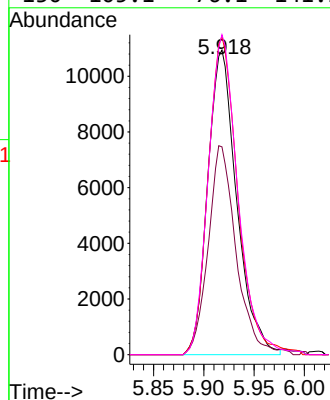
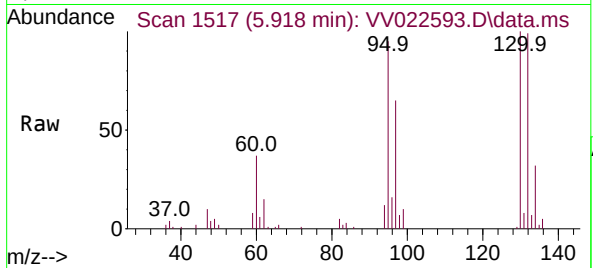




#34
Trichloroethene
Concen: 2.811 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

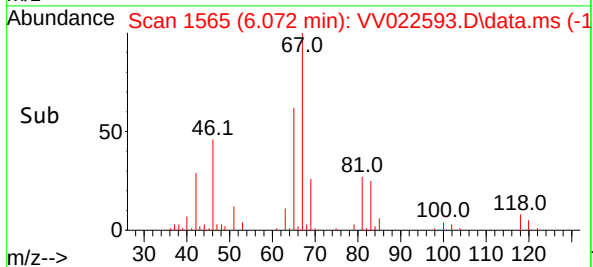
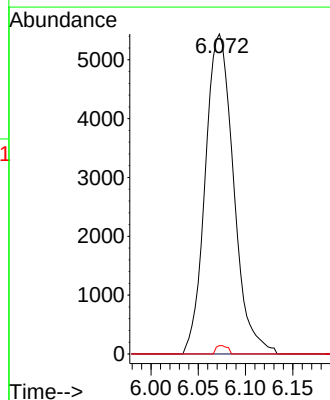
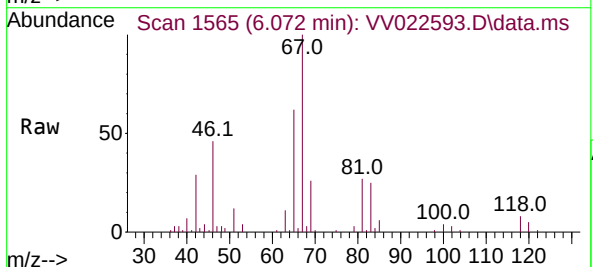
Instrument :
MSVOA_V
ClientSampled :

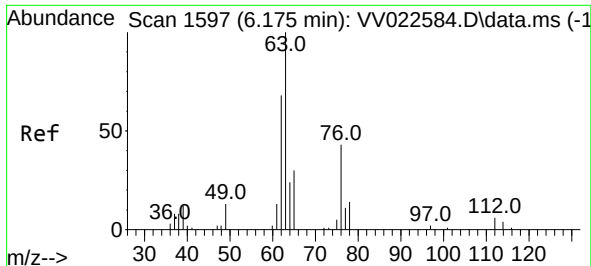
Tgt Ion: 95 Resp: 21929
Ion Ratio Lower Upper
95 100
97 68.2 46.5 86.5
132 104.5 73.0 135.6
130 105.1 76.1 141.3



#35
Methylcyclohexane
Concen: 1.039 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

Tgt Ion: 83 Resp: 11360
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 1.1 39.8 59.8#



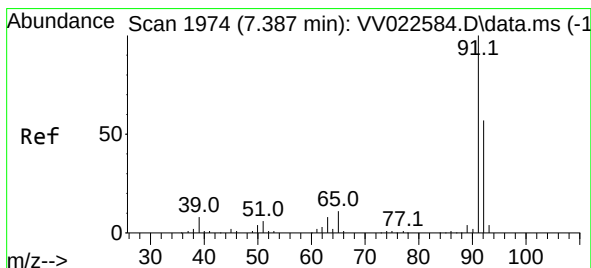
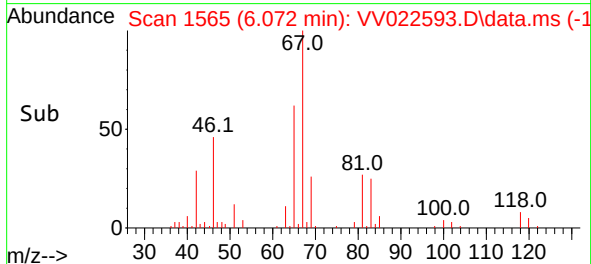
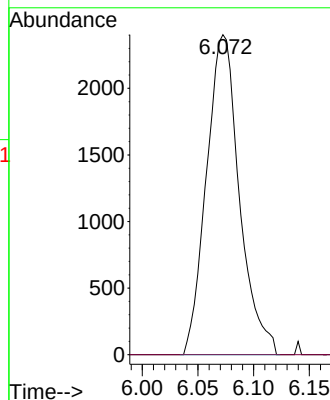
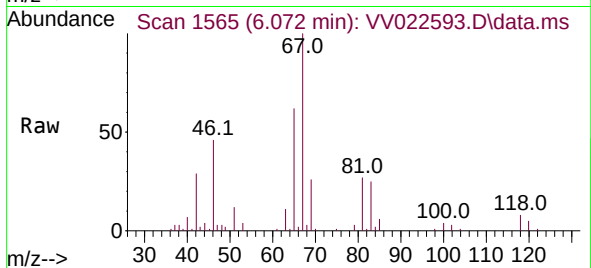


#37

1,2-Dichloropropane
Concen: 0.754 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

Instrument :
MSVOA_V
ClientSampled :

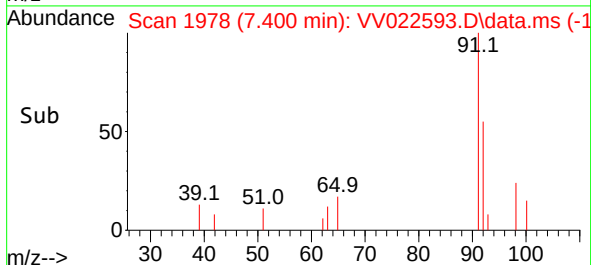
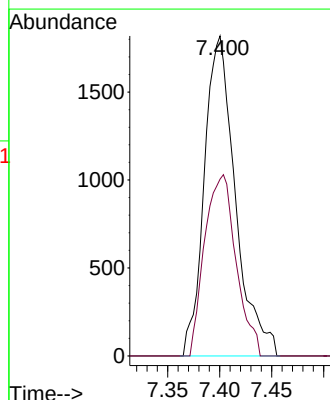
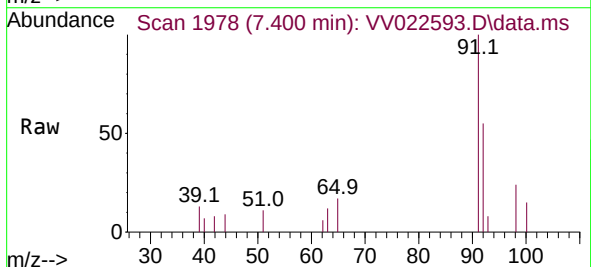
Tgt Ion: 63 Resp: 4943
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

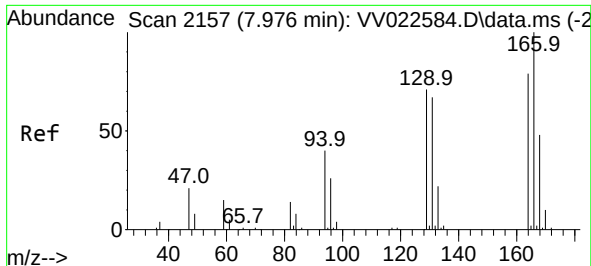


#42

Toluene
Concen: 0.134 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

Tgt Ion: 91 Resp: 3778
Ion Ratio Lower Upper
91 100
92 55.3 40.5 75.3

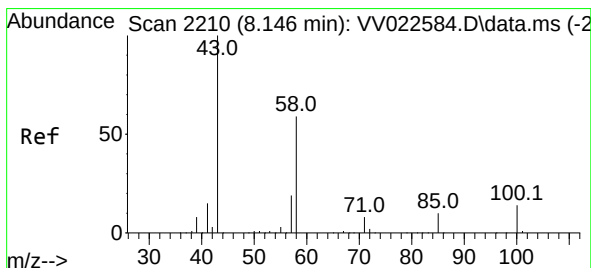
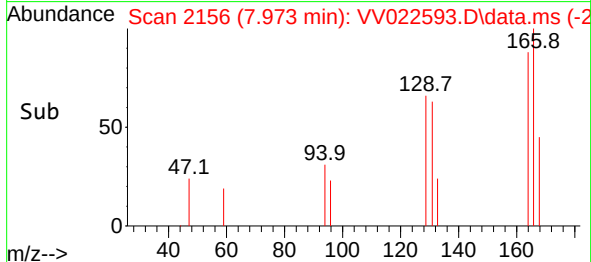
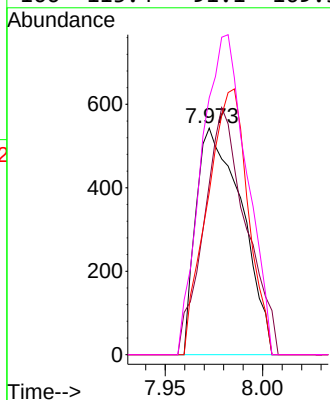
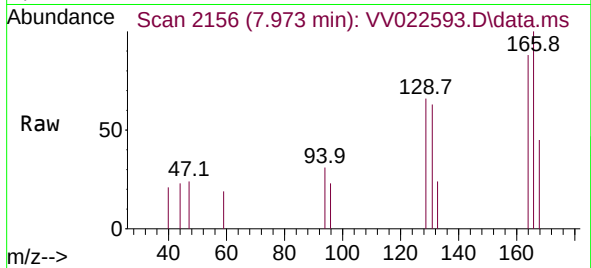




#47
Tetrachloroethene
Concen: 0.146 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

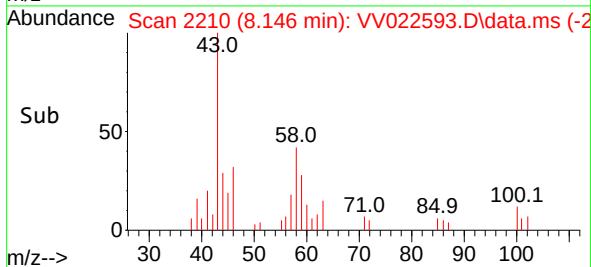
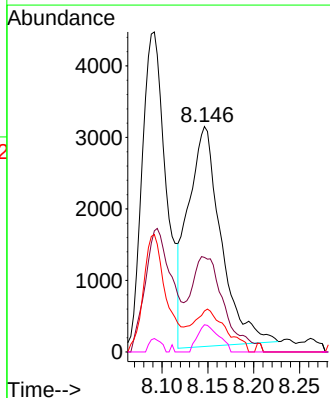
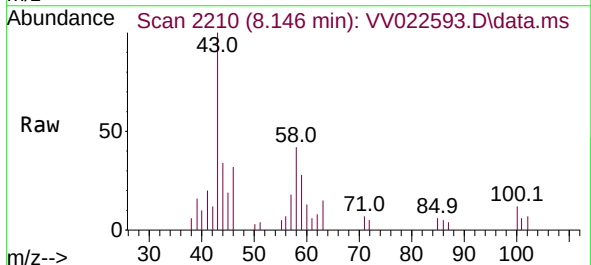
Instrument :
MSVOA_V
ClientSampleId :

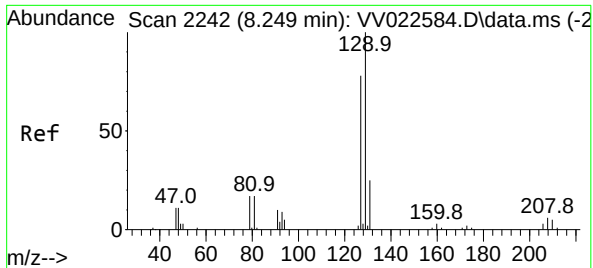
Tgt Ion:164 Resp: 885
Ion Ratio Lower Upper
164 100
129 75.3 65.5 121.6
131 71.6 62.4 116.0
166 113.4 91.1 169.3



#48
2-Hexanone
Concen: 2.967 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

Tgt Ion: 43 Resp: 7699
Ion Ratio Lower Upper
43 100
58 43.2 46.4 69.6#
57 18.6 16.3 24.5
100 7.9 11.0 16.6#

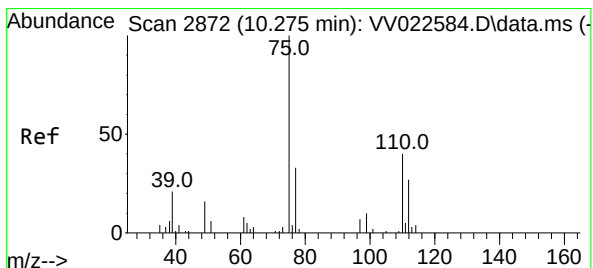
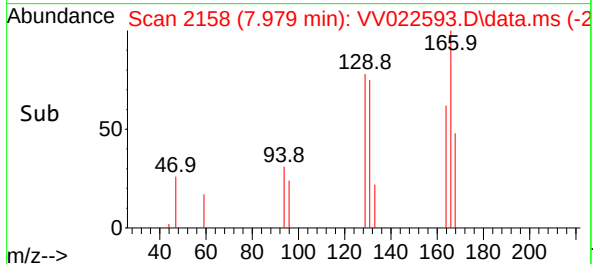
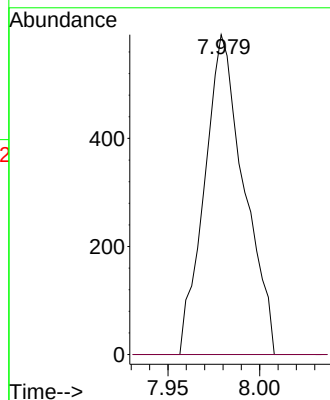
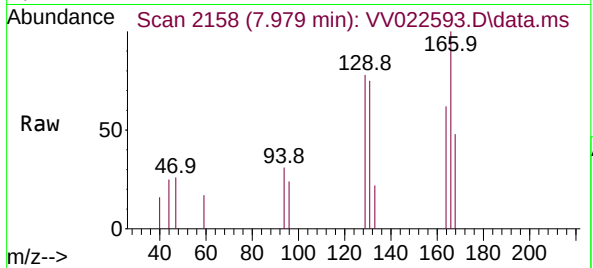




#49
Dibromochloromethane
Concen: 0.154 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.270 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:129 Resp: 888
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.6#



#61
1,2,3-Trichloropropane
Concen: 1.456 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022593.D
Acq: 06 Oct 2021 01:24

Tgt Ion: 75 Resp: 4916
Ion Ratio Lower Upper
75 100
77 34.5 26.1 39.1
110 2.1 33.0 49.6#

