

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022574.D
 Acq On : 05 Oct 2021 14:38
 Operator : SY/MD
 Sample : M3967-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:28:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99932	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	98180	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	44534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16782	5.241	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.800%		
7) Chloroethane-d5	1.564	69	24089	5.581	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.600%		
11) 1,1-Dichloroethene-d2	2.104	63	32682	3.518	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 70.400%		
20) 2-Butanone-d5	3.899	46	98317	51.947	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 103.900%		
24) Chloroform-d	4.349	84	55670	4.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 90.400%		
26) 1,2-Dichloroethane-d4	5.034	65	30603	5.269	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.400%		
32) Benzene-d6	5.050	84	105983	4.790	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.800%		
36) 1,2-Dichloropropane-d6	6.072	67	36648	4.695	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 93.800%		
41) Toluene-d8	7.320	98	85286	4.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.000%		
43) trans-1,3-Dichloroprop...	7.628	79	8545	4.137	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 82.800%		
46) 2-Hexanone-d5	8.091	63	64481	50.414	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.820%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	28822	4.860	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.200%		
66) 1,2-Dichlorobenzene-d4	11.628	152	37936	5.507	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.200%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2449	0.321	ug/L	98
5) Vinyl chloride	1.307	62	350	0.046	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	6306	0.953	ug/L	93
12) 1,1-Dichloroethene	2.117	96	1823	0.298	ug/L #	1
14) Carbon disulfide	2.291	76	1044	0.058	ug/L #	35
17) Methyl tert-butyl Ether	2.770	73	10287	0.661	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	3939	0.544	ug/L	87
25) Chloroform	4.374	83	5317	0.407	ug/L	88
27) 1,2-Dichloroethane	5.053	62	570	0.082	ug/L #	74
34) Trichloroethene	5.921	95	2039	0.265	ug/L	95
35) Methylcyclohexane	6.075	83	9127	0.847	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	4103	0.635	ug/L #	84
47) Tetrachloroethene	7.982	164	3241	0.542	ug/L	95
48) 2-Hexanone	8.143	43	6864	2.683	ug/L #	93
49) Dibromochloromethane	7.979	129	3026	0.532	ug/L #	12
61) 1,2,3-Trichloropropane	11.252	75	5325	1.613	ug/L #	62

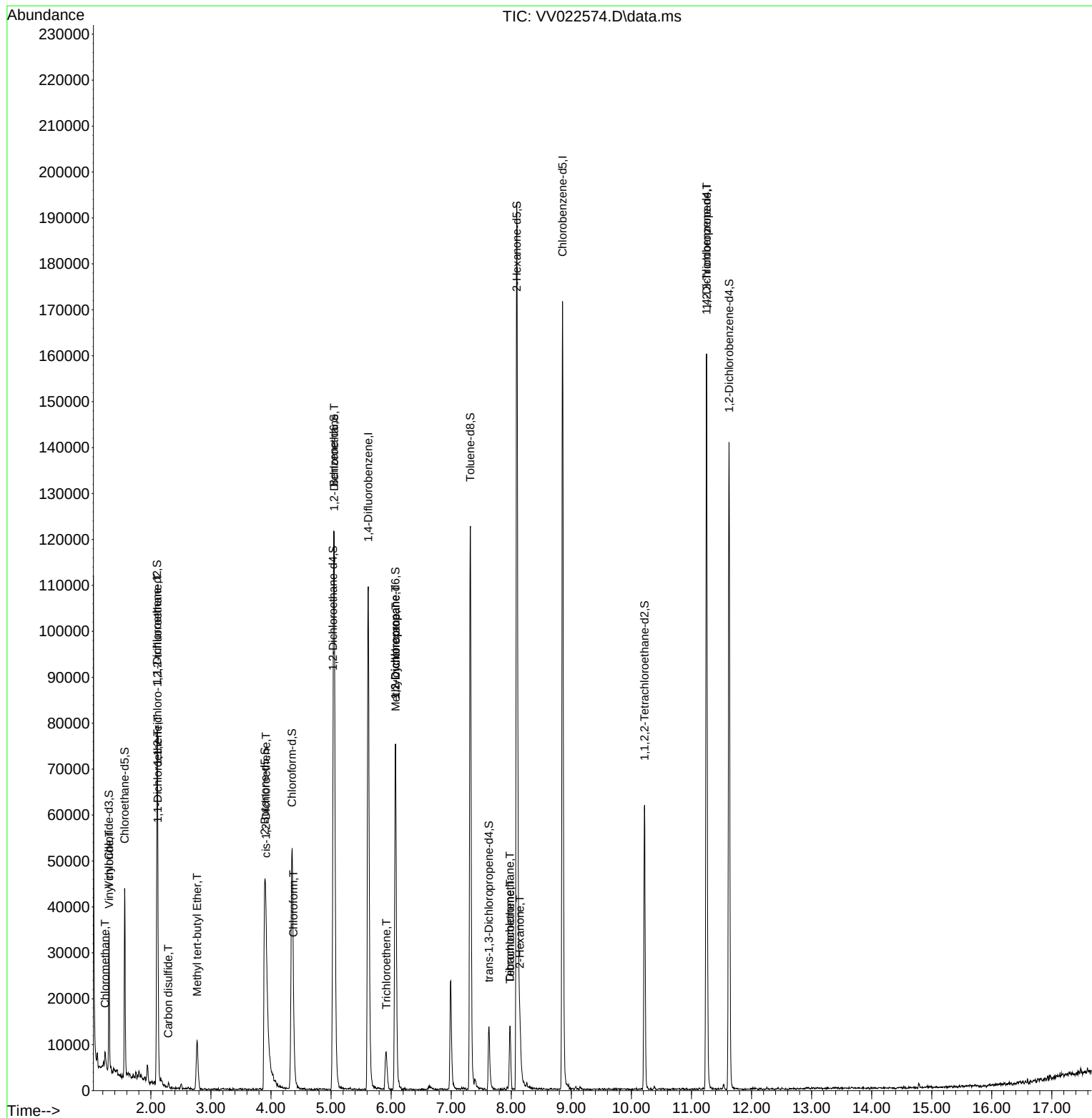
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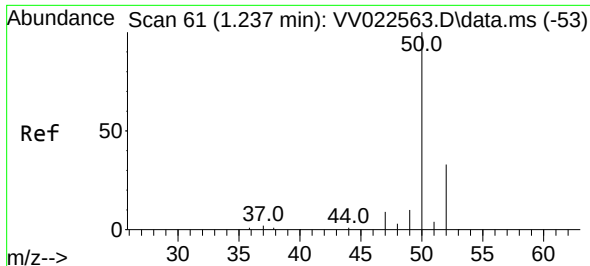
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MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
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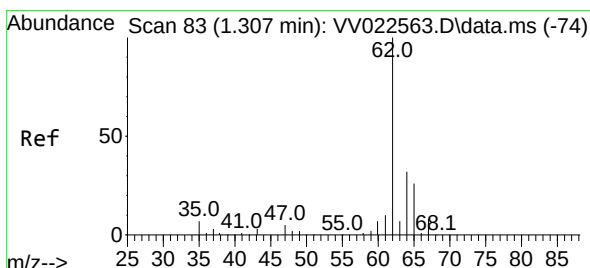
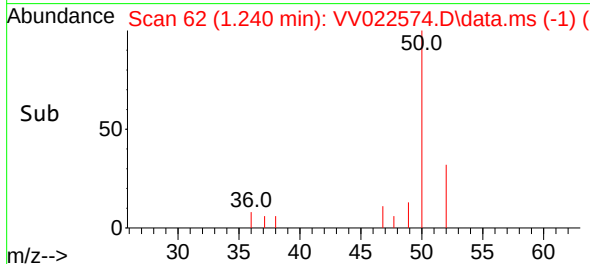
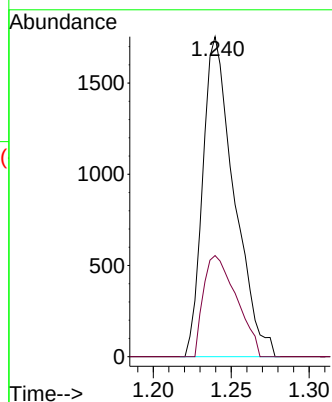
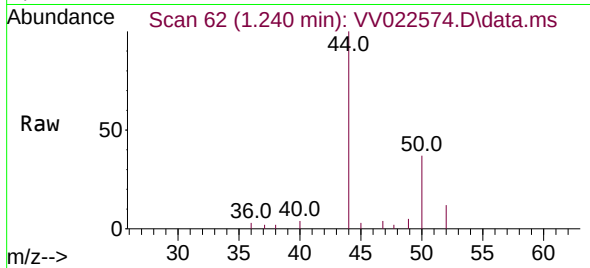




#3
Chloromethane
Concen: 0.321 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV022574.D
Acq: 05 Oct 2021 14:38

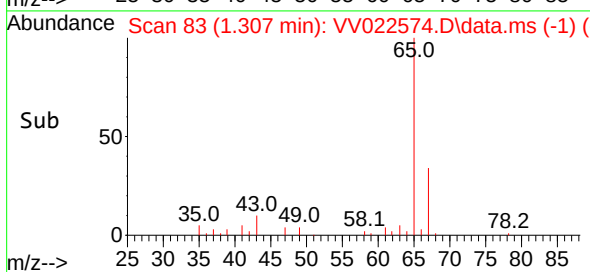
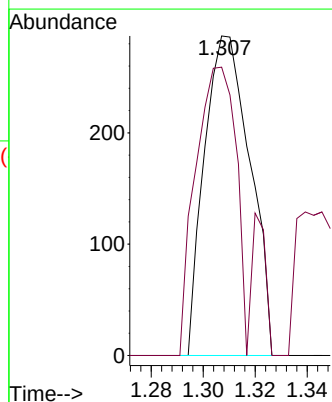
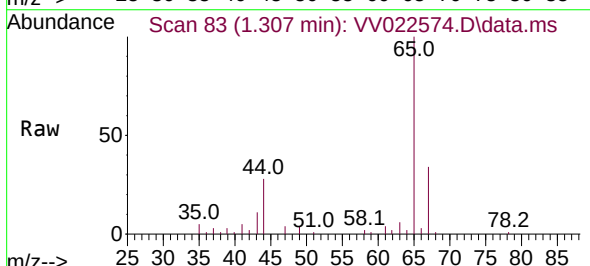
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MSVOA_V
ClientSampled :

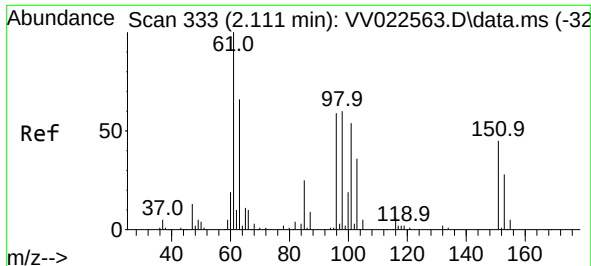
Tgt Ion: 50 Resp: 2449
Ion Ratio Lower Upper
50 100
52 31.6 23.0 42.8



#5
Vinyl chloride
Concen: 0.046 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.000 min
Lab File: VV022574.D
Acq: 05 Oct 2021 14:38

Tgt Ion: 62 Resp: 350
Ion Ratio Lower Upper
62 100
64 90.2 22.3 41.5#

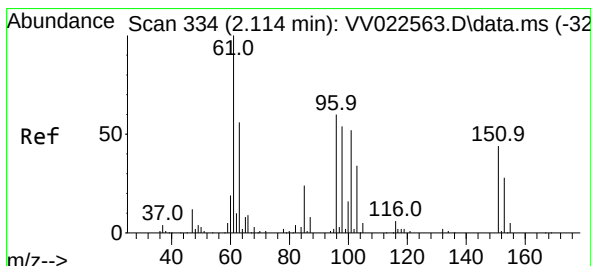
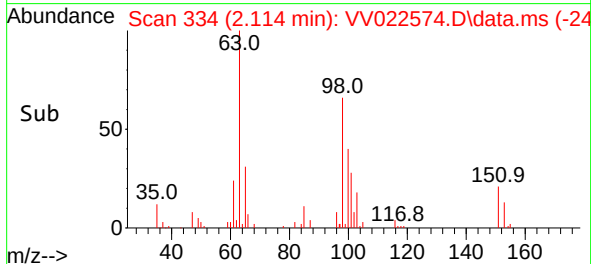
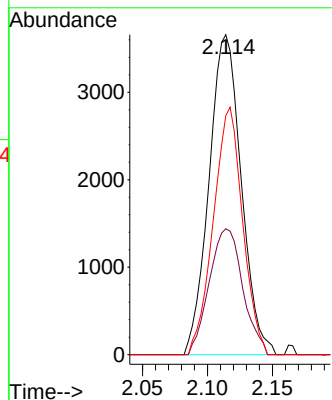
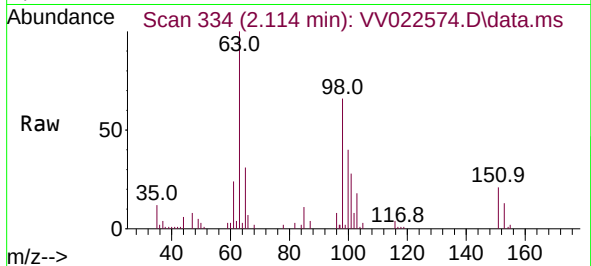




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.953 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV022574.D
 Acq: 05 Oct 2021 14:38

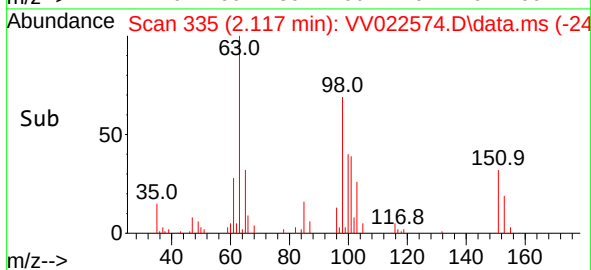
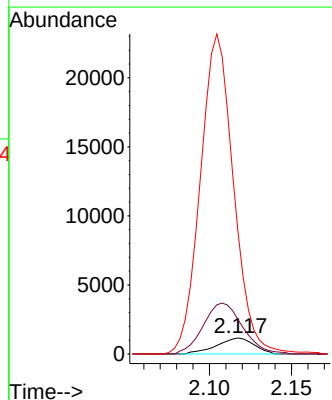
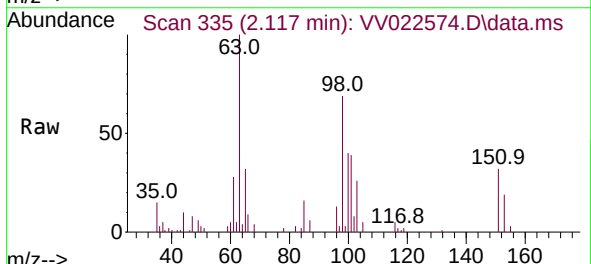
Instrument :
 MSVOA_V
 ClientSampled :

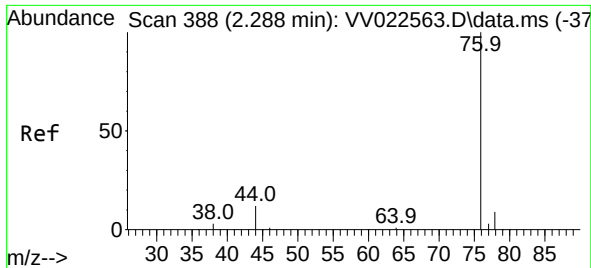
Tgt Ion:101 Resp: 6306
 Ion Ratio Lower Upper
 101 100
 85 40.9 35.8 53.6
 151 70.3 61.9 92.9



#12
 1,1-Dichloroethene
 Concen: 0.298 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV022574.D
 Acq: 05 Oct 2021 14:38

Tgt Ion: 96 Resp: 1823
 Ion Ratio Lower Upper
 96 100
 61 215.0 113.2 210.2#
 63 761.2 66.6 123.8#

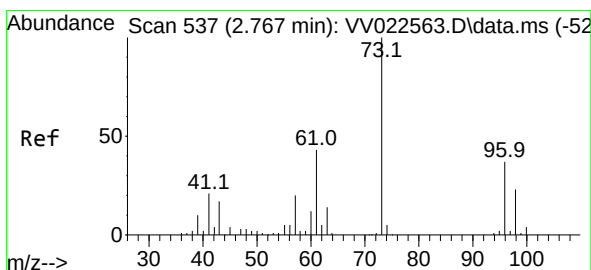
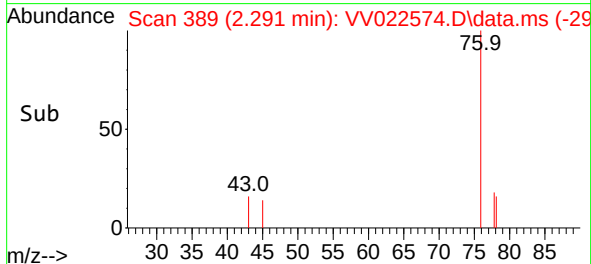
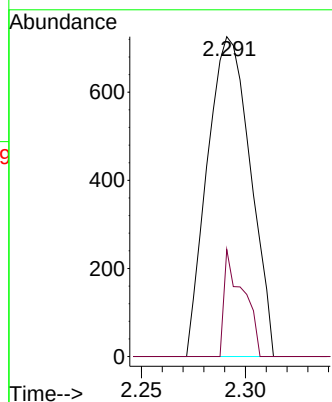
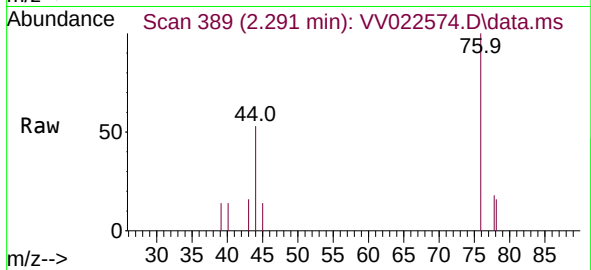




#14
Carbon disulfide
Concen: 0.058 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022574.D
Acq: 05 Oct 2021 14:38

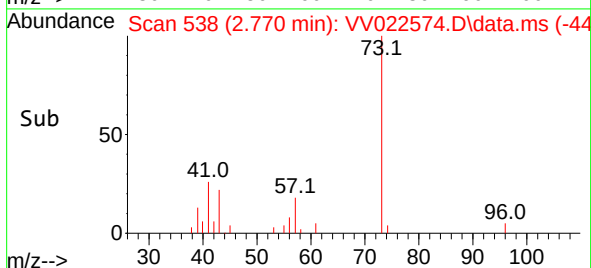
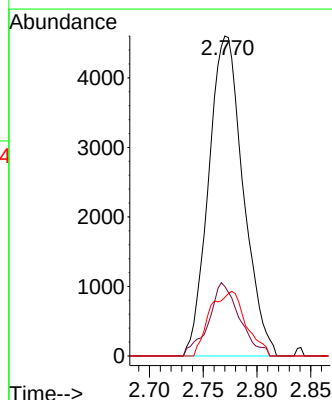
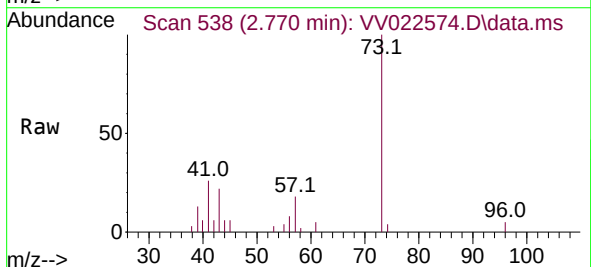
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ClientSampled :

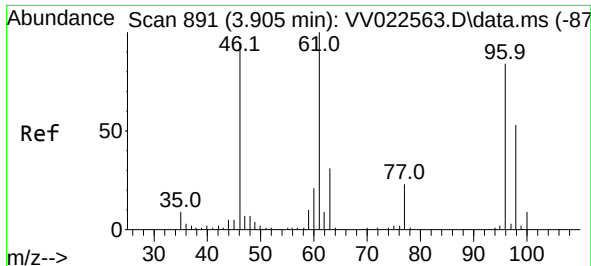
Tgt Ion: 76 Resp: 1044
Ion Ratio Lower Upper
76 100
78 33.5 7.8 11.6#



#17
Methyl tert-butyl Ether
Concen: 0.661 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022574.D
Acq: 05 Oct 2021 14:38

Tgt Ion: 73 Resp: 10287
Ion Ratio Lower Upper
73 100
43 20.5 16.3 24.5
57 21.1 17.5 26.3





#22

cis-1,2-Dichloroethene

Concen: 0.544 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.009 min

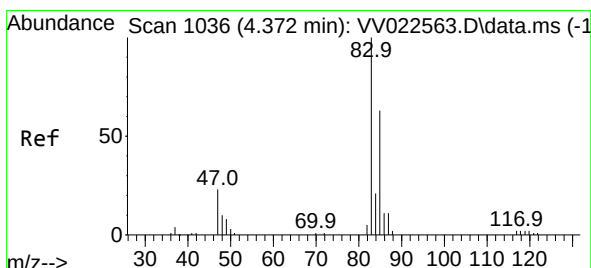
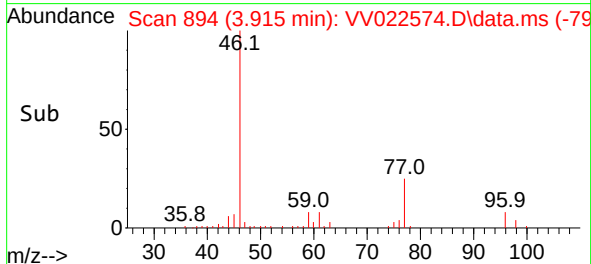
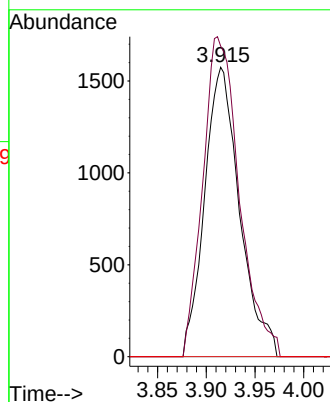
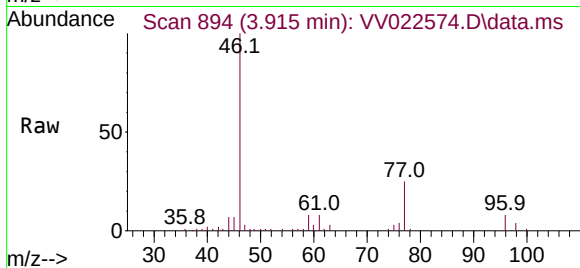
Lab File: VV022574.D

Acq: 05 Oct 2021 14:38

Tgt Ion: 96 Resp: 3939

Ion	Ratio	Lower	Upper
96	100		
61	107.3	85.6	159.0
68	0.0	0.0	0.0

Instrument :
MSVOA_V
ClientSampled :



#25

Chloroform

Concen: 0.407 ug/L

RT: 4.374 min Scan# 1037

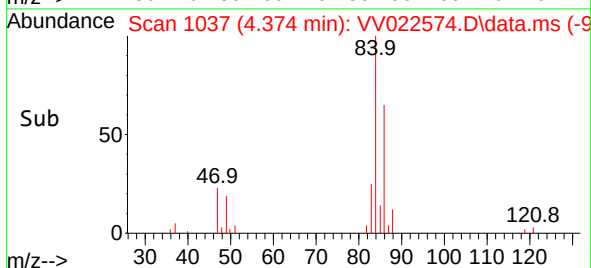
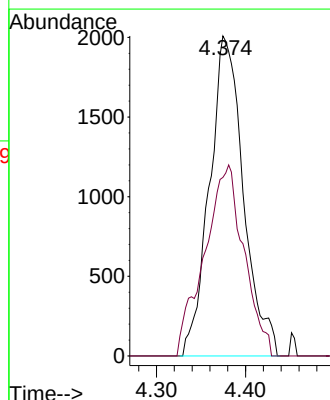
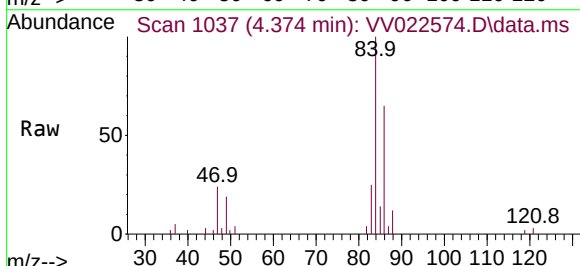
Delta R.T. 0.003 min

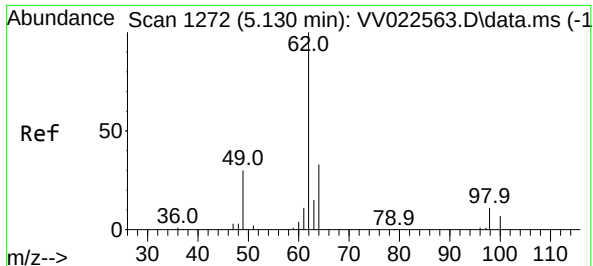
Lab File: VV022574.D

Acq: 05 Oct 2021 14:38

Tgt Ion: 83 Resp: 5317

Ion	Ratio	Lower	Upper
83	100		
85	55.8	45.6	84.8





#27

1,2-Dichloroethane

Concen: 0.082 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.077 min

Lab File: VV022574.D

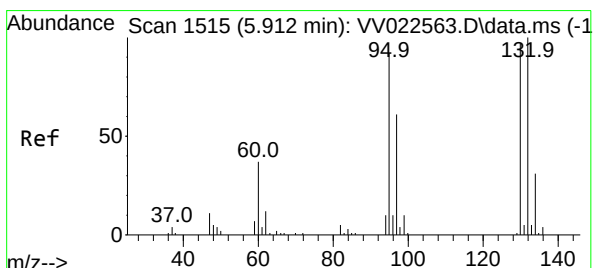
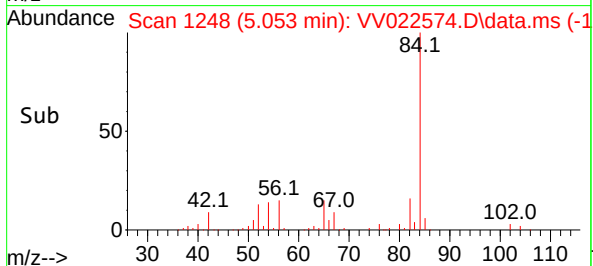
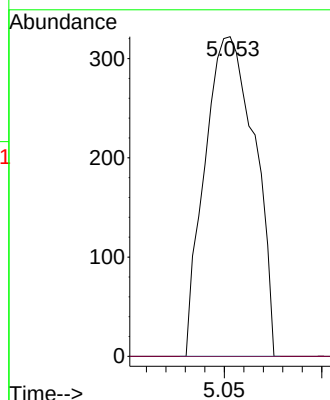
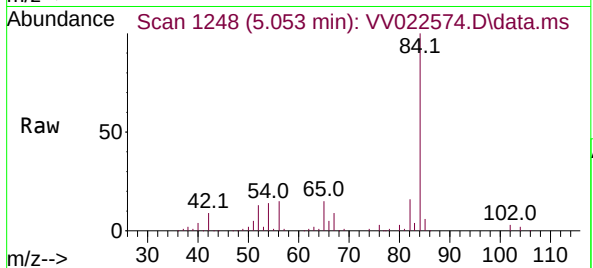
Acq: 05 Oct 2021 14:38

Tgt Ion: 62 Resp: 570

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#34

Trichloroethene

Concen: 0.265 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.009 min

Lab File: VV022574.D

Acq: 05 Oct 2021 14:38

Tgt Ion: 95 Resp: 2039

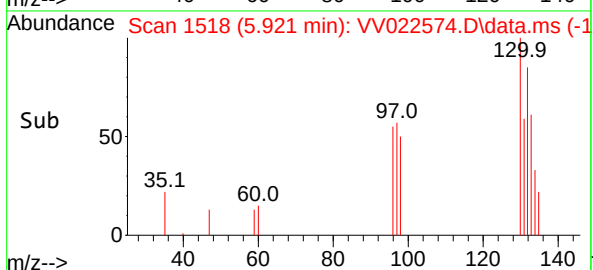
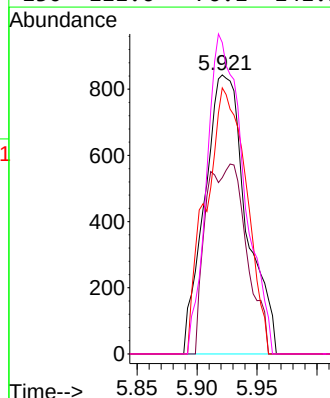
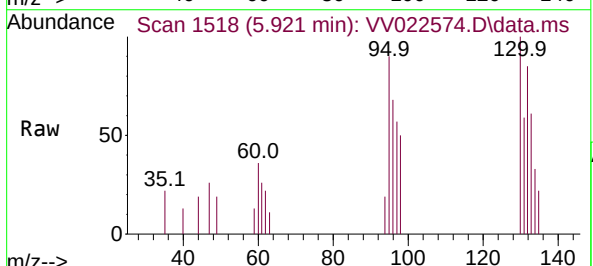
Ion Ratio Lower Upper

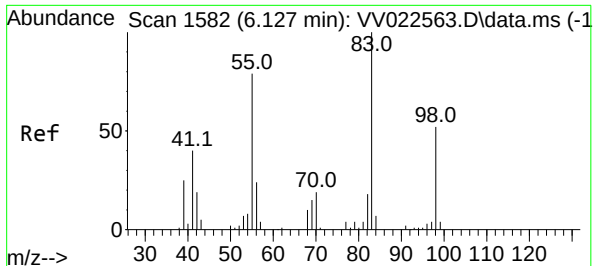
95 100

97 63.2 46.5 86.5

132 95.4 73.0 135.6

130 111.6 76.1 141.3

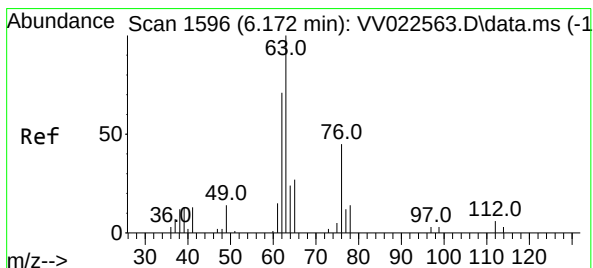
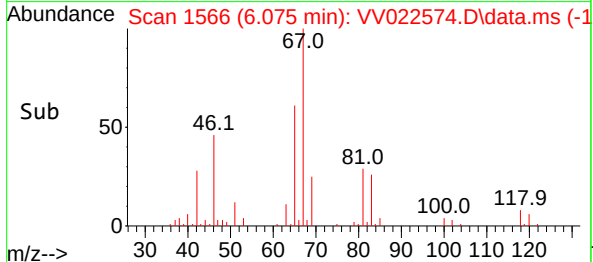
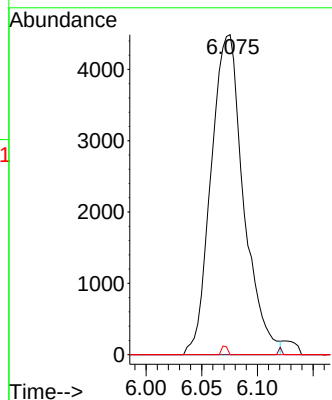
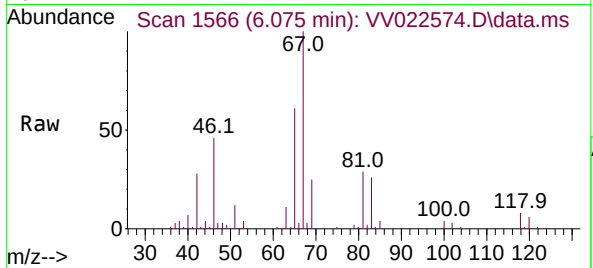




#35
Methylcyclohexane
Concen: 0.847 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.052 min
Lab File: VV022574.D
Acq: 05 Oct 2021 14:38

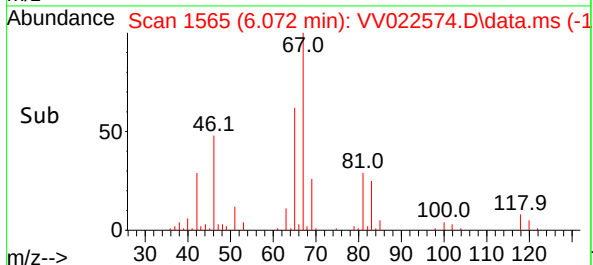
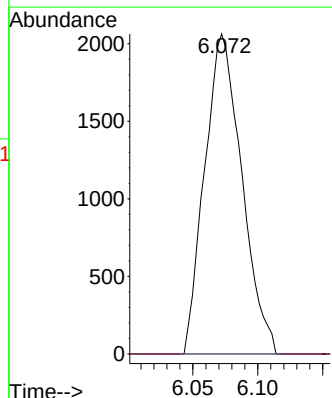
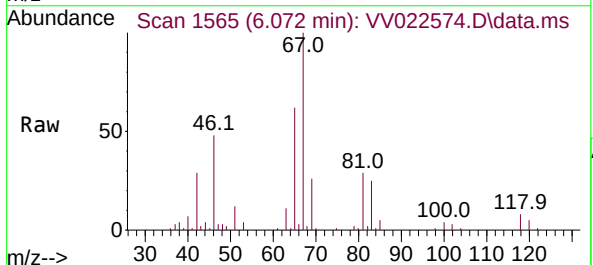
Instrument :
MSVOA_V
ClientSampled :

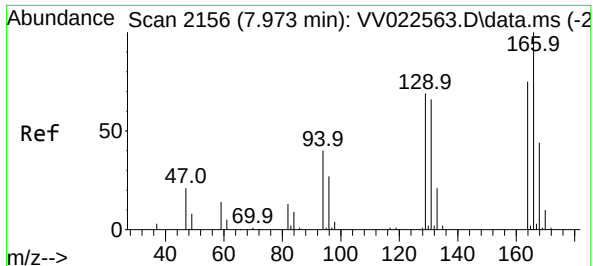
Tgt Ion: 83 Resp: 9127
Ion Ratio Lower Upper
83 100
55 0.2 57.8 86.8#
98 0.5 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022574.D
Acq: 05 Oct 2021 14:38

Tgt Ion: 63 Resp: 4103
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#47

Tetrachloroethene

Concen: 0.542 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.009 min

Lab File: VV022574.D

Acq: 05 Oct 2021 14:38

Tgt Ion:164 Resp: 3241

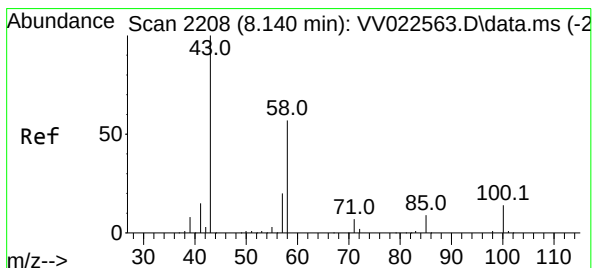
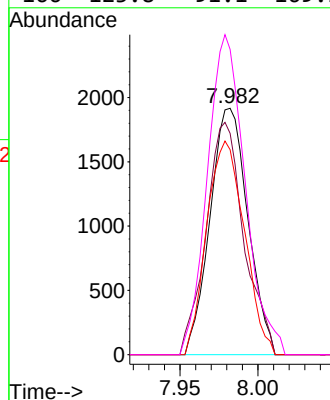
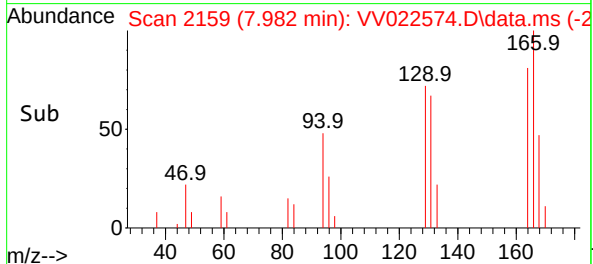
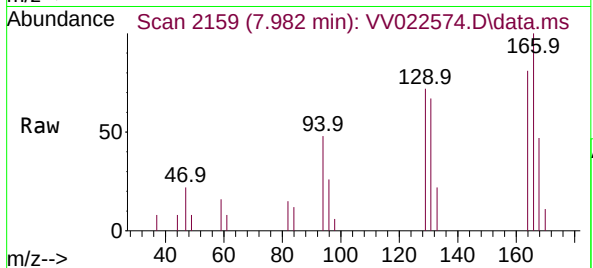
Ion Ratio Lower Upper

164 100

129 89.8 65.5 121.6

131 83.2 62.4 116.0

166 123.8 91.1 169.3



#48

2-Hexanone

Concen: 2.683 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV022574.D

Acq: 05 Oct 2021 14:38

Tgt Ion: 43 Resp: 6864

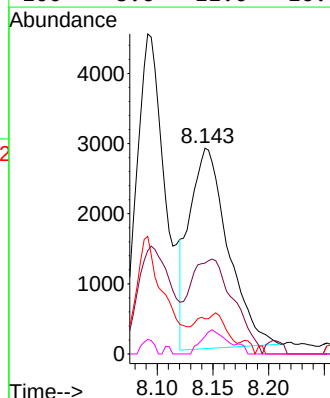
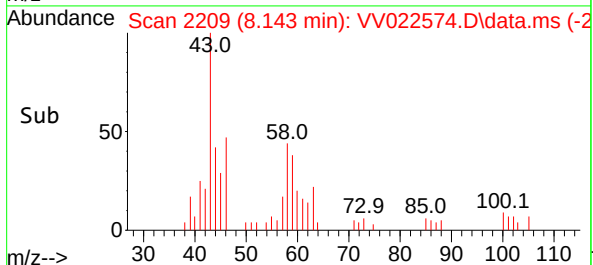
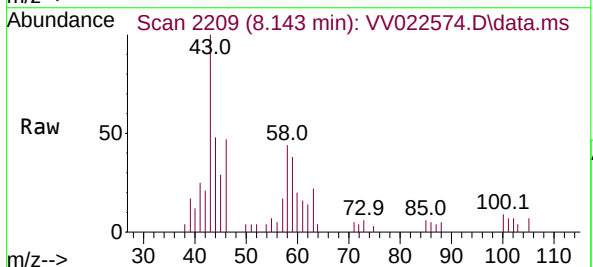
Ion Ratio Lower Upper

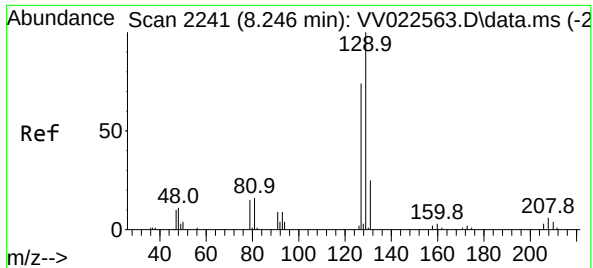
43 100

58 54.1 46.4 69.6

57 16.6 16.3 24.5

100 8.6 11.0 16.6#

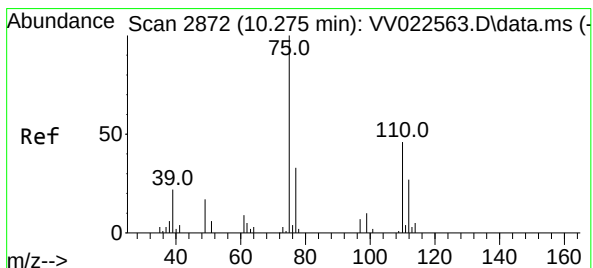
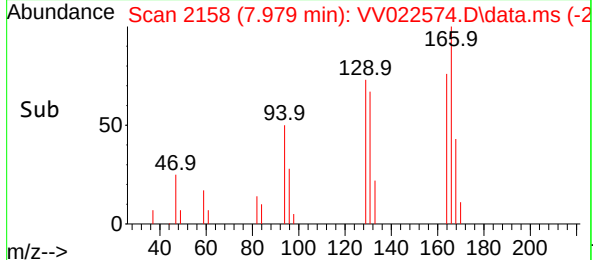
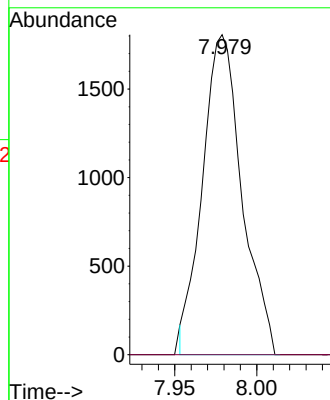
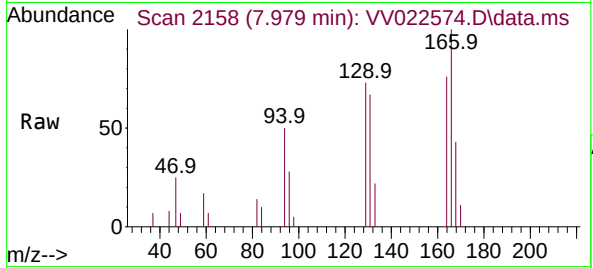




#49
Dibromochloromethane
Concen: 0.532 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV022574.D
Acq: 05 Oct 2021 14:38

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:129 Resp: 3026
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.6#



#61
1,2,3-Trichloropropane
Concen: 1.613 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022574.D
Acq: 05 Oct 2021 14:38

Tgt Ion: 75 Resp: 5325
Ion Ratio Lower Upper
75 100
77 29.7 26.1 39.1
110 1.3 33.0 49.6#

