

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW023000.D
 Acq On : 22 Oct 2021 20:27
 Operator : SY/MD
 Sample : M4265-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:31:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119050	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59509	5.720	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 114.400%		
7) Chloroethane-d5	1.568	69	40561	6.303	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 126.000%		
11) 1,1-Dichloroethene-d2	2.105	63	69125	4.606	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	= 92.200%		
20) 2-Butanone-d5	3.928	46	58108	34.821	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 69.640%		
24) Chloroform-d	4.349	84	85379	5.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.000%		
26) 1,2-Dichloroethane-d4	5.037	65	46305	5.808	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.200%		
32) Benzene-d6	5.050	84	194787	5.508	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.200%		
36) 1,2-Dichloropropane-d6	6.072	67	61347	5.635	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 140	Recovery	= 112.600%		
41) Toluene-d8	7.317	98	158827	5.000	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.000%		
43) trans-1,3-Dichloroprop...	7.625	79	19216	5.038	ug/L	-0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.800%		
46) 2-Hexanone-d5	8.098	63	70660	50.035	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.060%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	39759	5.289	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	56123	6.408	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 128.200%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	3332	0.441	ug/L	91
3) Chloromethane	1.240	50	2011	0.246	ug/L	96
6) Bromomethane	1.519	94	214	0.050	ug/L #	3
9) Trichlorofluoromethane	1.754	101	6809	0.598	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	774	0.119	ug/L #	21
12) 1,1-Dichloroethene	2.108	96	637	0.105	ug/L #	1
21) 2-Butanone	4.117	43	5797	3.617	ug/L #	51
27) 1,2-Dichloroethane	5.043	62	672	0.081	ug/L #	72
35) Methylcyclohexane	6.072	83	14927	1.273	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6550	0.797	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1506	0.147	ug/L #	71
42) Toluene	7.400	91	2685	0.081	ug/L	88
47) Tetrachloroethene	7.979	164	1636	0.236	ug/L	91
48) 2-Hexanone	8.153	43	7047	2.454	ug/L #	91
49) Dibromochloromethane	7.982	129	1495	0.219	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5783	1.674	ug/L #	66

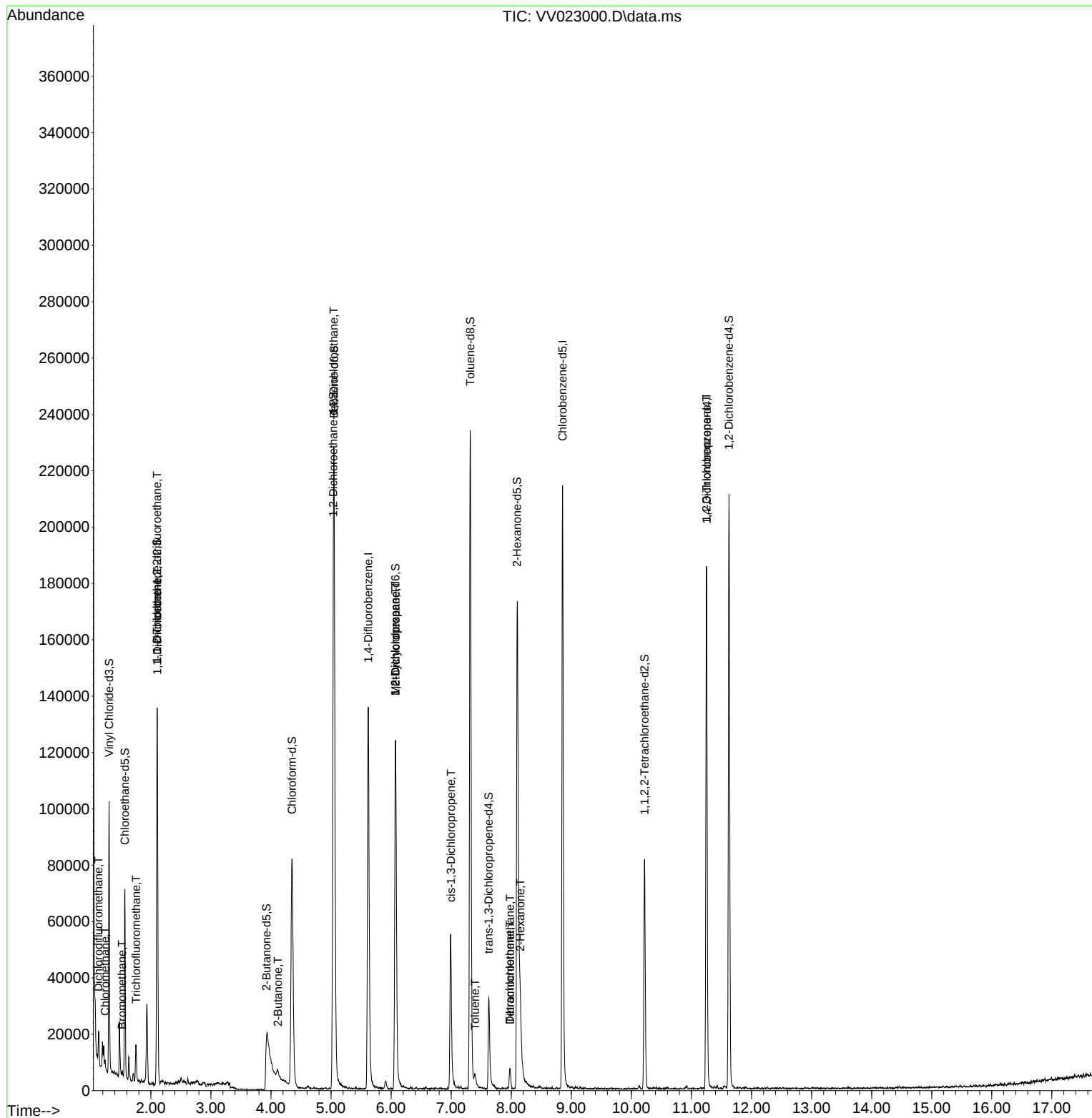
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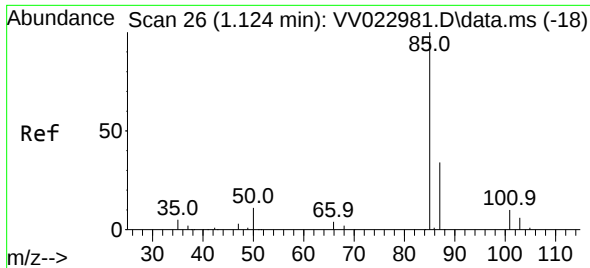
Instrument :
MSVOA_V
ClientSampleId :

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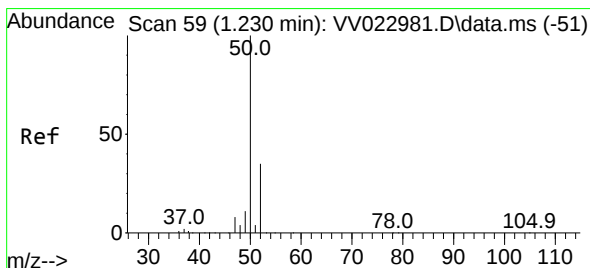
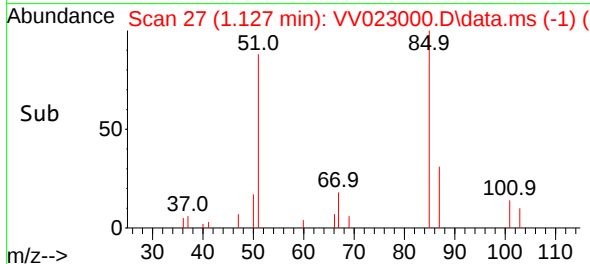
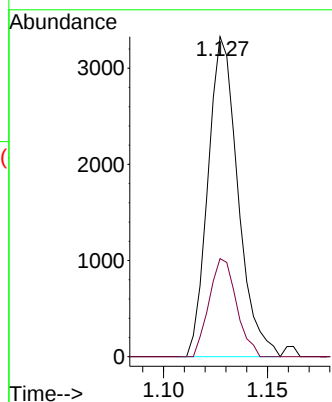
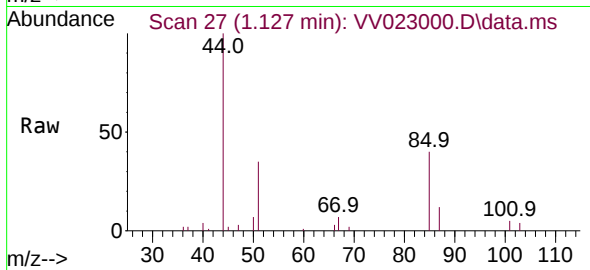




#2
 Dichlorodifluoromethane
 Concen: 0.441 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023000.D
 Acq: 22 Oct 2021 20:27

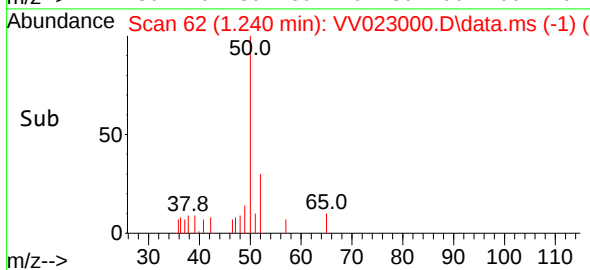
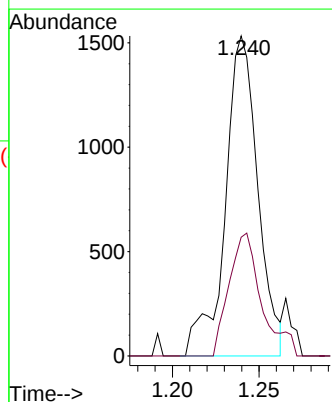
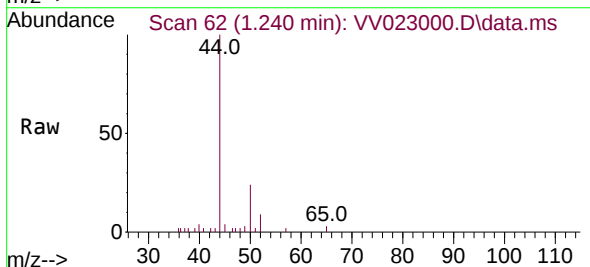
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 MSVOA_V
 ClientSampleId :

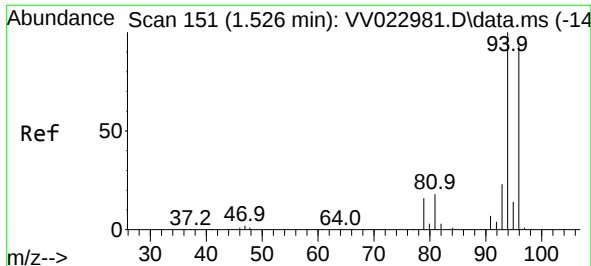
Tgt Ion: 85 Resp: 3332
 Ion Ratio Lower Upper
 85 100
 87 28.0 26.6 39.8



#3
 Chloromethane
 Concen: 0.246 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV023000.D
 Acq: 22 Oct 2021 20:27

Tgt Ion: 50 Resp: 2011
 Ion Ratio Lower Upper
 50 100
 52 37.1 24.3 45.1

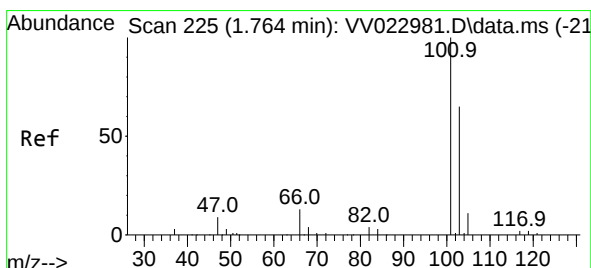
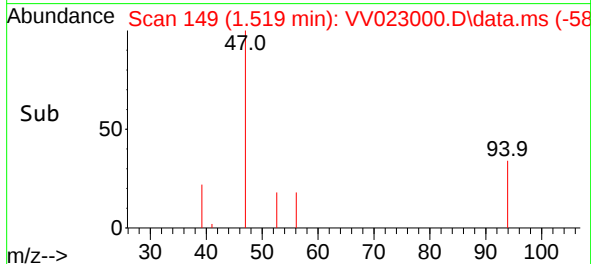
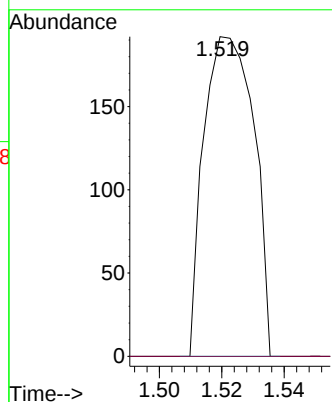
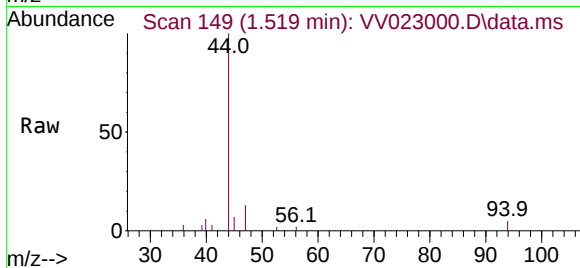




#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.006 min
Lab File: VV023000.D
Acq: 22 Oct 2021 20:27

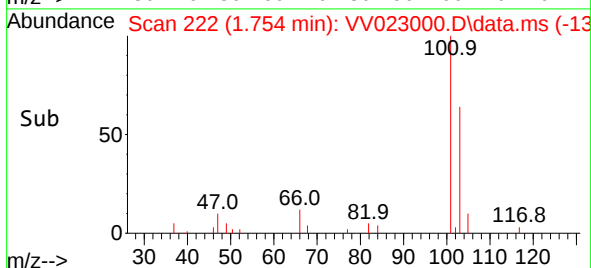
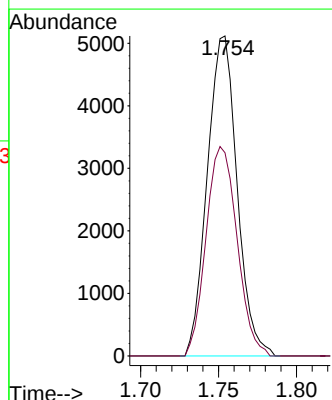
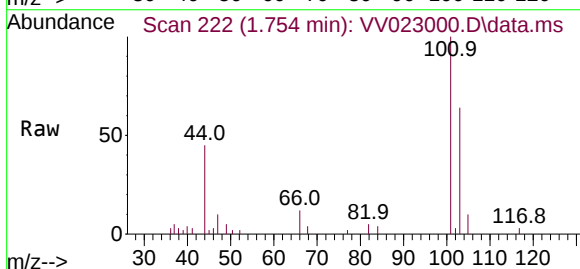
Instrument :
MSVOA_V
ClientSampleId :

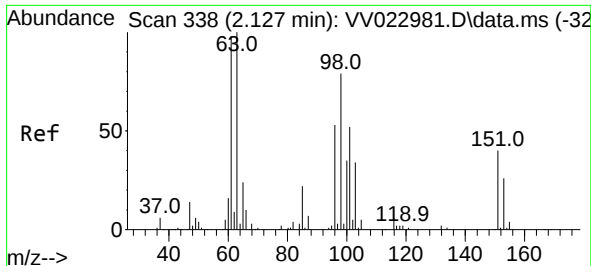
Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 0.0 65.0 120.8#



#9
Trichlorofluoromethane
Concen: 0.598 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.010 min
Lab File: VV023000.D
Acq: 22 Oct 2021 20:27

Tgt Ion:101 Resp: 6809
Ion Ratio Lower Upper
101 100
103 68.1 52.6 79.0

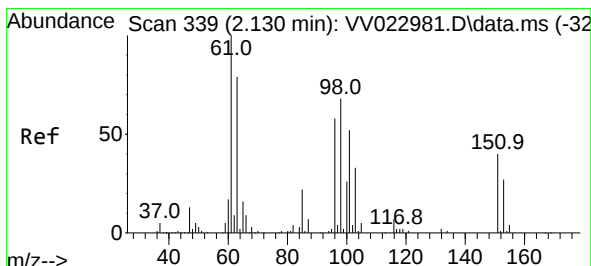
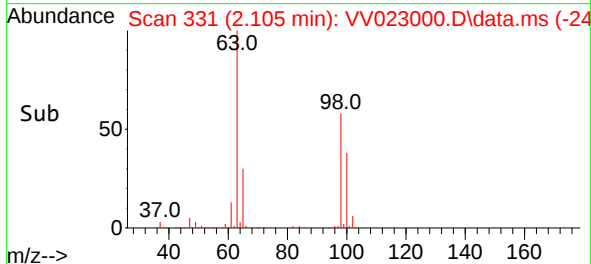
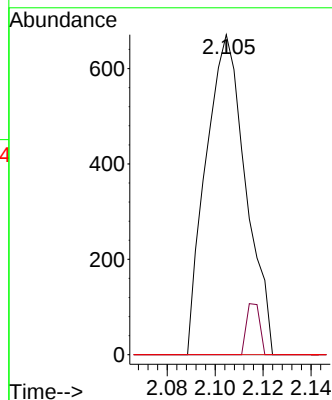
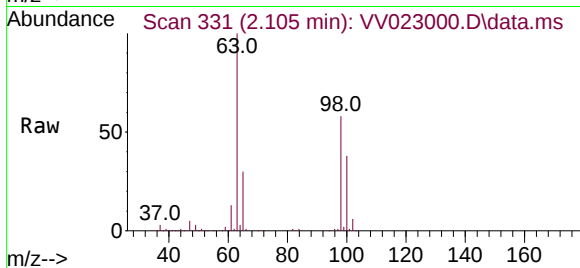




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.119 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.022 min
Lab File: VV023000.D
Acq: 22 Oct 2021 20:27

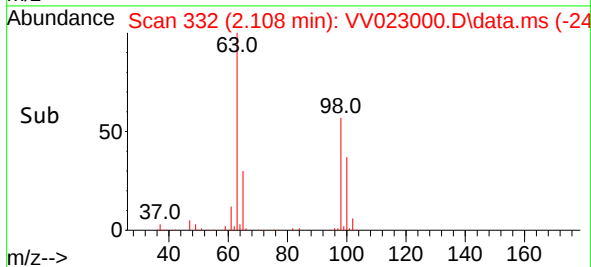
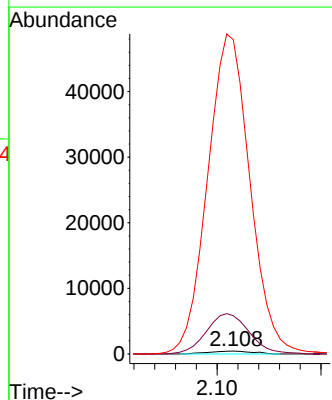
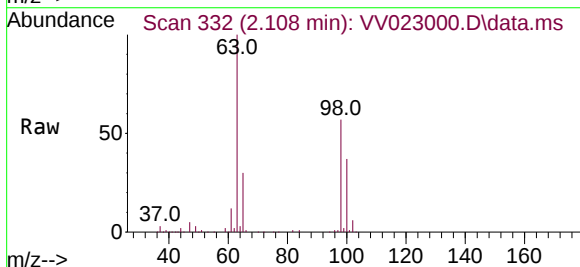
Instrument :
MSVOA_V
ClientSampleId :

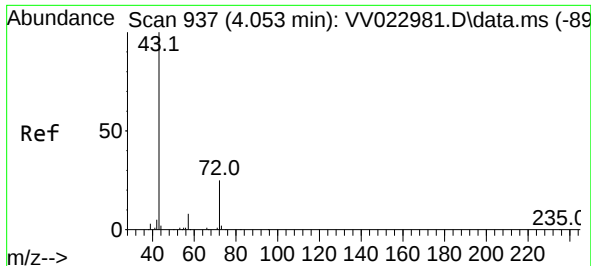
Tgt Ion:101 Resp: 774
Ion Ratio Lower Upper
101 100
85 5.3 35.3 52.9#
151 0.0 62.2 93.2#



#12
1,1-Dichloroethene
Concen: 0.105 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.022 min
Lab File: VV023000.D
Acq: 22 Oct 2021 20:27

Tgt Ion: 96 Resp: 637
Ion Ratio Lower Upper
96 100
61 1325.5 121.5 225.7#
63 10887.3 99.6 185.0#





#21

2-Butanone

Concen: 3.617 ug/L

RT: 4.117 min Scan# 91

Delta R.T. 0.064 min

Lab File: VV023000.D

Acq: 22 Oct 2021 20:27

Instrument :

MSVOA_V

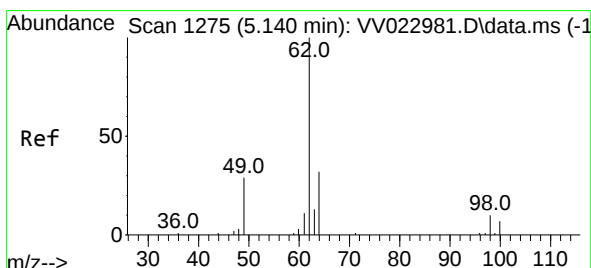
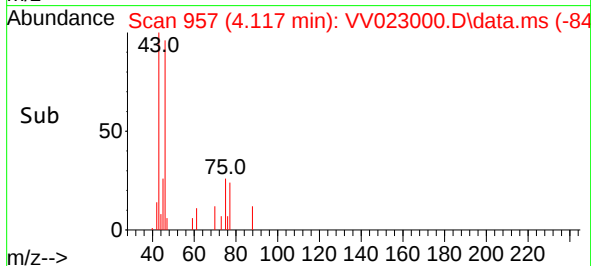
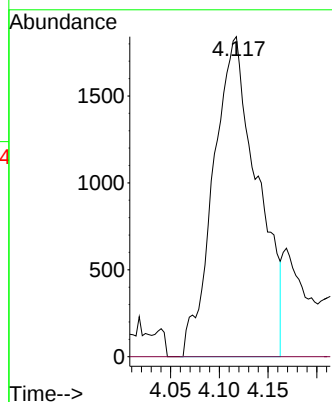
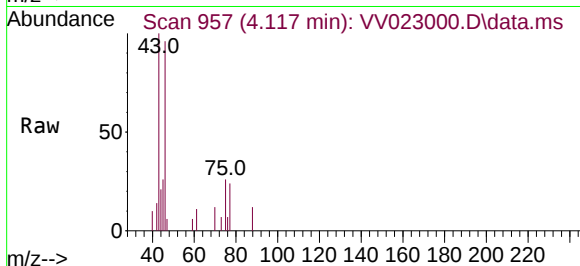
ClientSampleId :

Tgt Ion: 43 Resp: 5797

Ion Ratio Lower Upper

43 100

72 0.0 11.9 35.9#



#27

1,2-Dichloroethane

Concen: 0.081 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.096 min

Lab File: VV023000.D

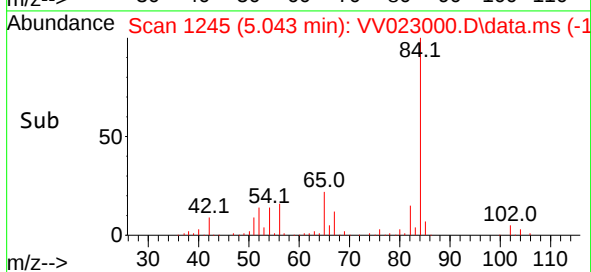
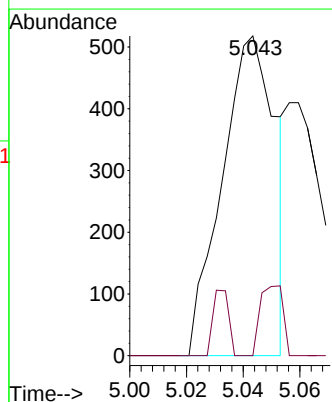
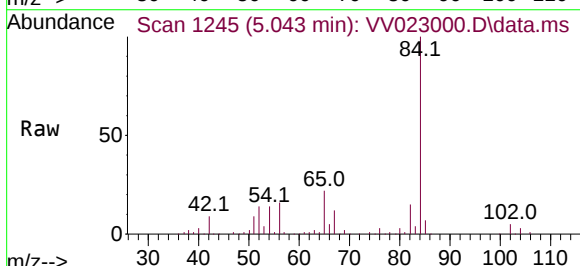
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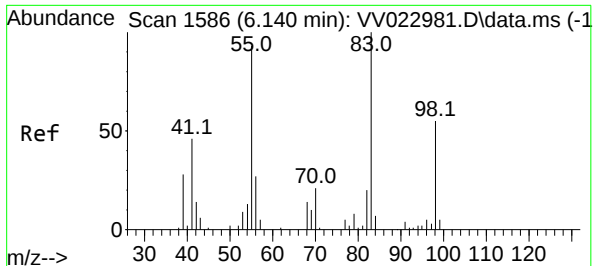
Tgt Ion: 62 Resp: 672

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

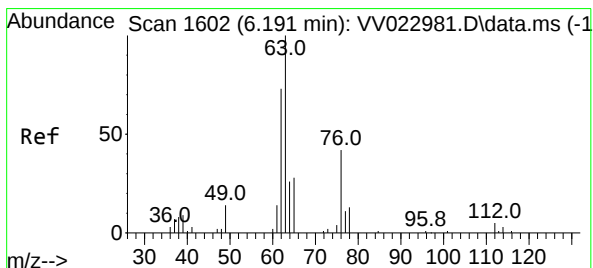
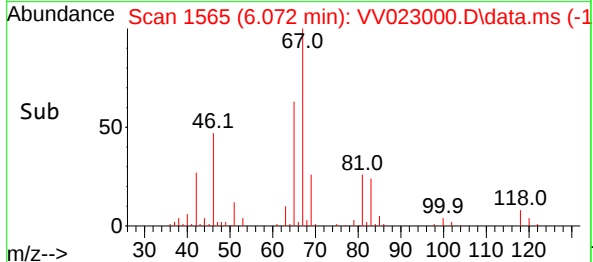
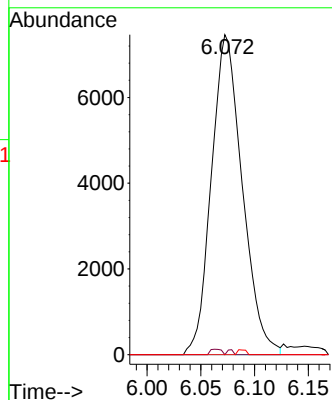
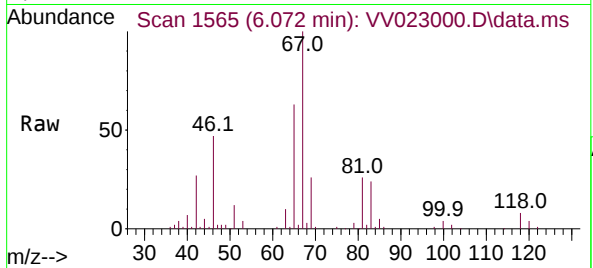




#35
Methylcyclohexane
Concen: 1.273 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.067 min
Lab File: VV023000.D
Acq: 22 Oct 2021 20:27

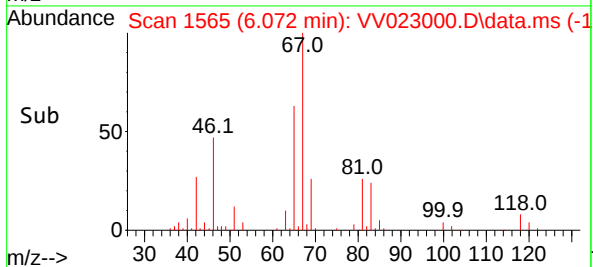
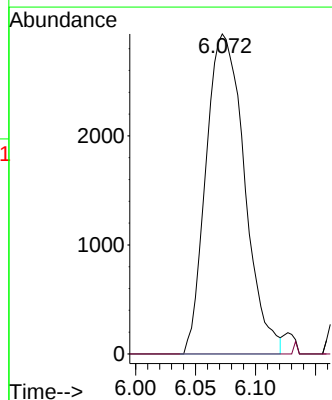
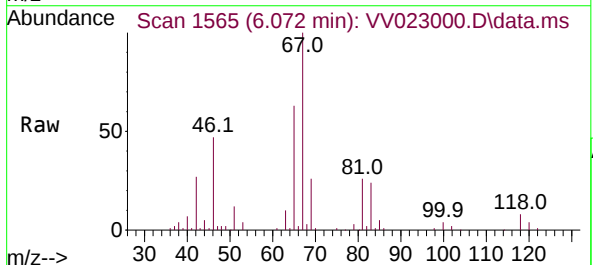
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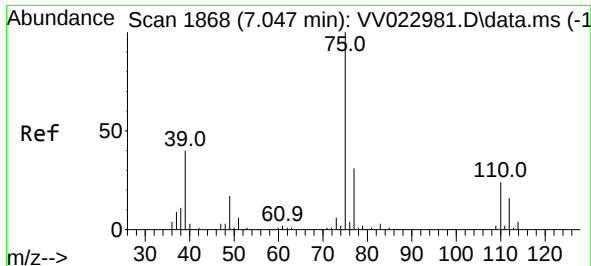
Tgt Ion: 83 Resp: 14927
Ion Ratio Lower Upper
83 100
55 0.3 62.8 94.2#
98 0.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.797 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.119 min
Lab File: VV023000.D
Acq: 22 Oct 2021 20:27

Tgt Ion: 63 Resp: 6550
Ion Ratio Lower Upper
63 100
112 0.3 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.147 ug/L

RT: 6.995 min Scan# 1868

Delta R.T. -0.051 min

Lab File: VV023000.D

Acq: 22 Oct 2021 20:27

Instrument :

MSVOA_V

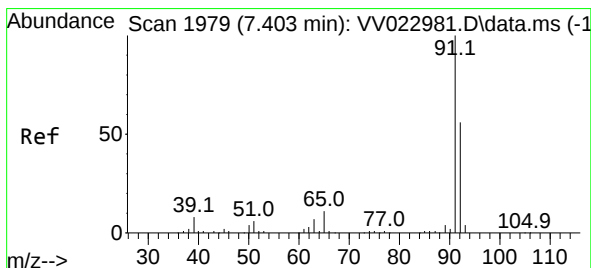
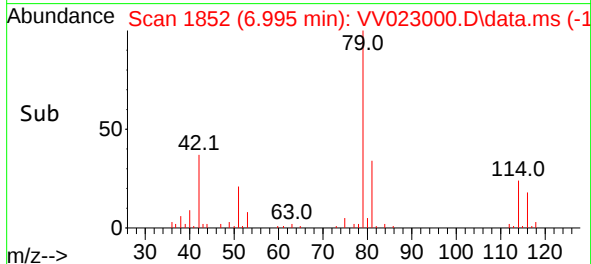
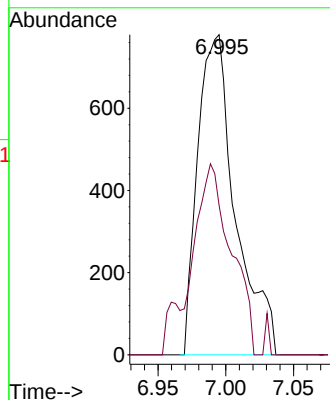
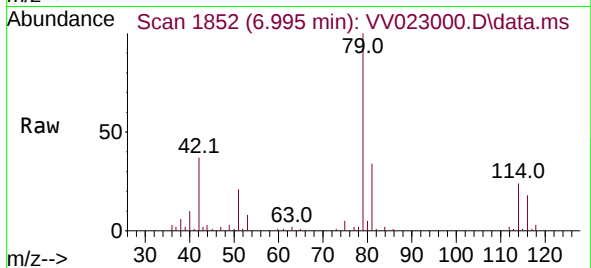
ClientSampleId :

Tgt Ion: 75 Resp: 1506

Ion Ratio Lower Upper

75 100

77 46.7 21.6 40.2#



#42

Toluene

Concen: 0.081 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. -0.003 min

Lab File: VV023000.D

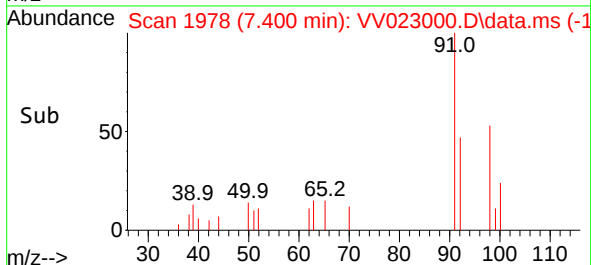
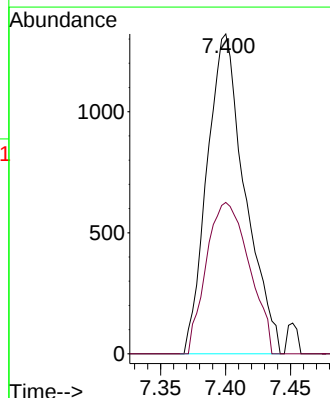
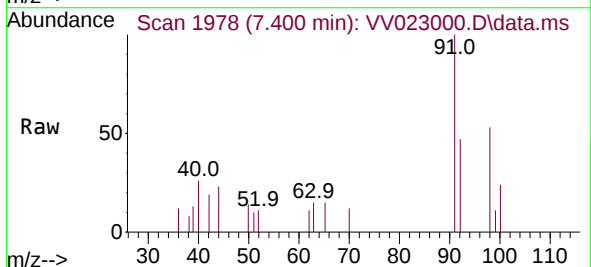
Acq: 22 Oct 2021 20:27

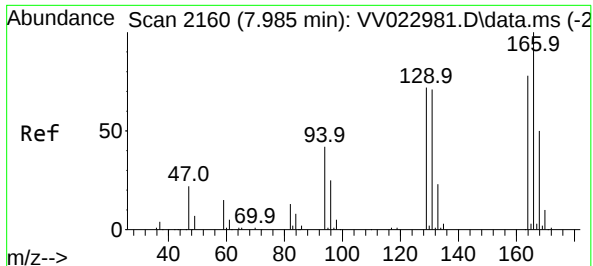
Tgt Ion: 91 Resp: 2685

Ion Ratio Lower Upper

91 100

92 47.3 39.3 72.9





#47

Tetrachloroethene

Concen: 0.236 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.006 min

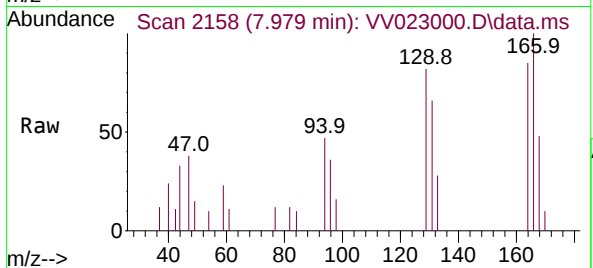
Lab File: VV023000.D

Acq: 22 Oct 2021 20:27

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MSVOA_V

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Tgt Ion:164 Resp: 1636

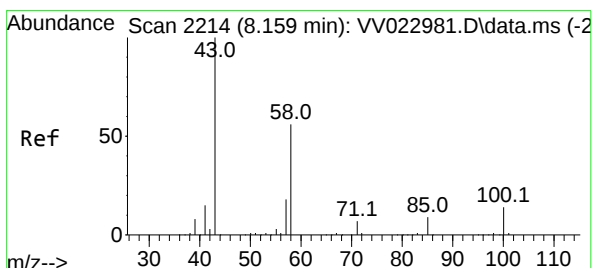
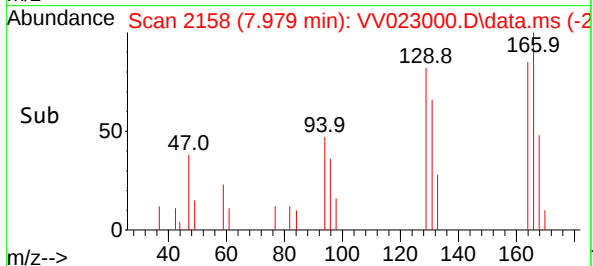
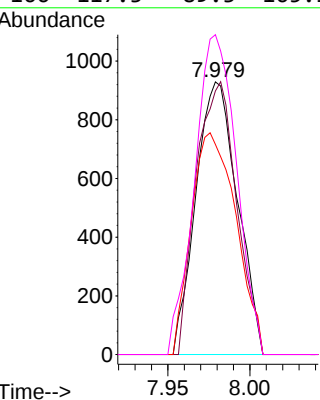
Ion Ratio Lower Upper

164 100

129 96.7 64.0 119.0

131 77.1 63.4 117.8

166 117.3 89.3 165.9



#48

2-Hexanone

Concen: 2.454 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. -0.006 min

Lab File: VV023000.D

Acq: 22 Oct 2021 20:27

Tgt Ion: 43 Resp: 7047

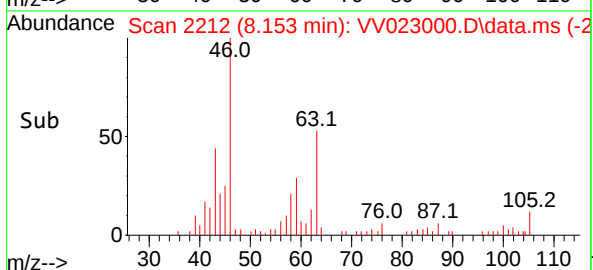
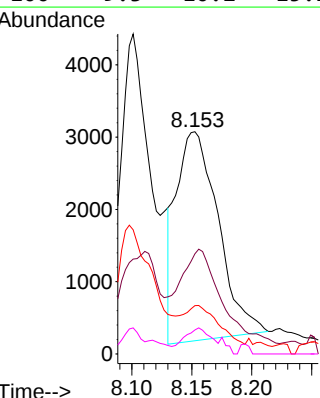
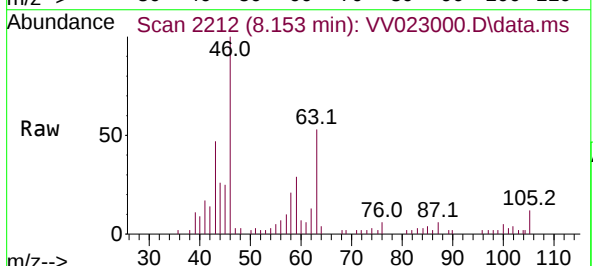
Ion Ratio Lower Upper

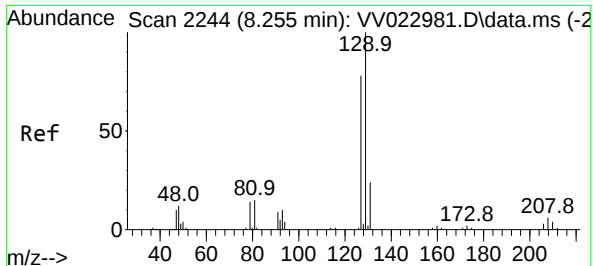
43 100

58 47.6 43.7 65.5

57 20.4 14.1 21.1

100 9.3 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.219 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.273 min

Lab File: VV023000.D

Acq: 22 Oct 2021 20:27

Instrument :

MSVOA_V

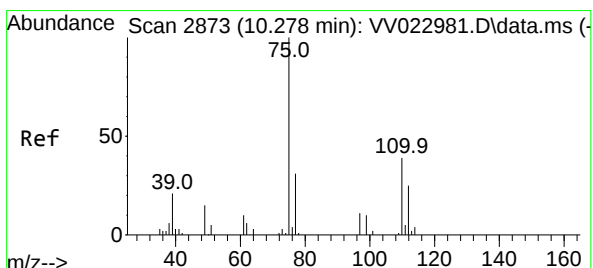
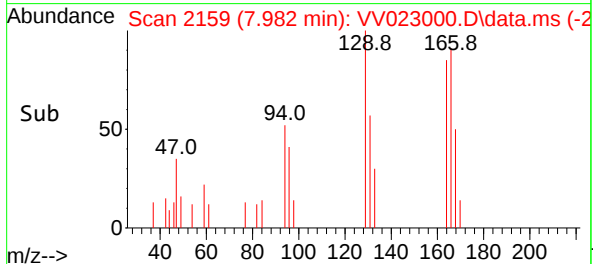
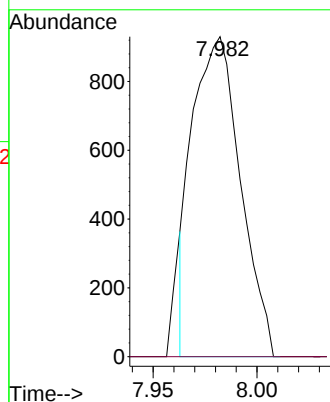
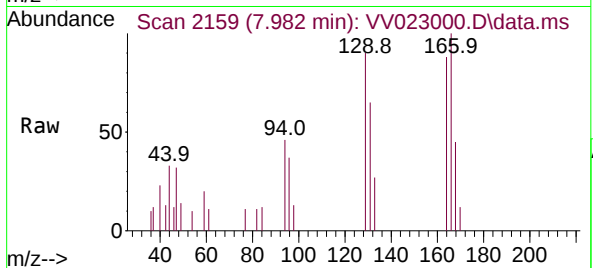
ClientSampleId :

Tgt Ion:129 Resp: 1495

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.674 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.971 min

Lab File: VV023000.D

Acq: 22 Oct 2021 20:27

Tgt Ion: 75 Resp: 5783

Ion Ratio Lower Upper

75 100

77 33.1 26.6 39.8

110 0.8 31.8 47.6#

