

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023047.D
 Acq On : 26 Oct 2021 18:50
 Operator : SY/MD
 Sample : M4277-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD9

Quant Time: Oct 27 01:35:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119520	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48243	4.619	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.568	69	28477	4.408	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.108	63	49490	3.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.892	46	76632	45.741	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.480%
24) Chloroform-d	4.352	84	73554	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.037	65	37787	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.053	84	154253	3.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.072	67	48001	3.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.317	98	155986	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.628	79	17930	4.170	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.091	63	67033	42.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37269	4.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	55943	5.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	556	0.066	ug/L #	1
12) 1,1-Dichloroethene	2.108	96	457	0.075	ug/L #	1
13) Acetone	2.182	43	55853	67.951	ug/L	92
15) Methyl Acetate	2.182	43	53404	17.079	ug/L #	47
22) cis-1,2-Dichloroethene	3.915	96	18913	2.553	ug/L #	82
25) Chloroform	4.381	83	6997	0.441	ug/L	98
27) 1,2-Dichloroethane	5.053	62	965	0.115	ug/L #	72
34) Trichloroethene	5.928	95	2711	0.294	ug/L	93
35) Methylcyclohexane	6.072	83	12026	0.910	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5551	0.599	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1356	0.118	ug/L #	29
42) Toluene	7.400	91	5561	0.149	ug/L	96
47) Tetrachloroethene	7.979	164	12941	1.659	ug/L	98
48) 2-Hexanone	8.149	43	5870	1.814	ug/L #	53
49) Dibromochloromethane	7.976	129	11207	1.454	ug/L #	10
61) 1,2,3-Trichloropropane	11.204	75	252	0.061	ug/L #	38

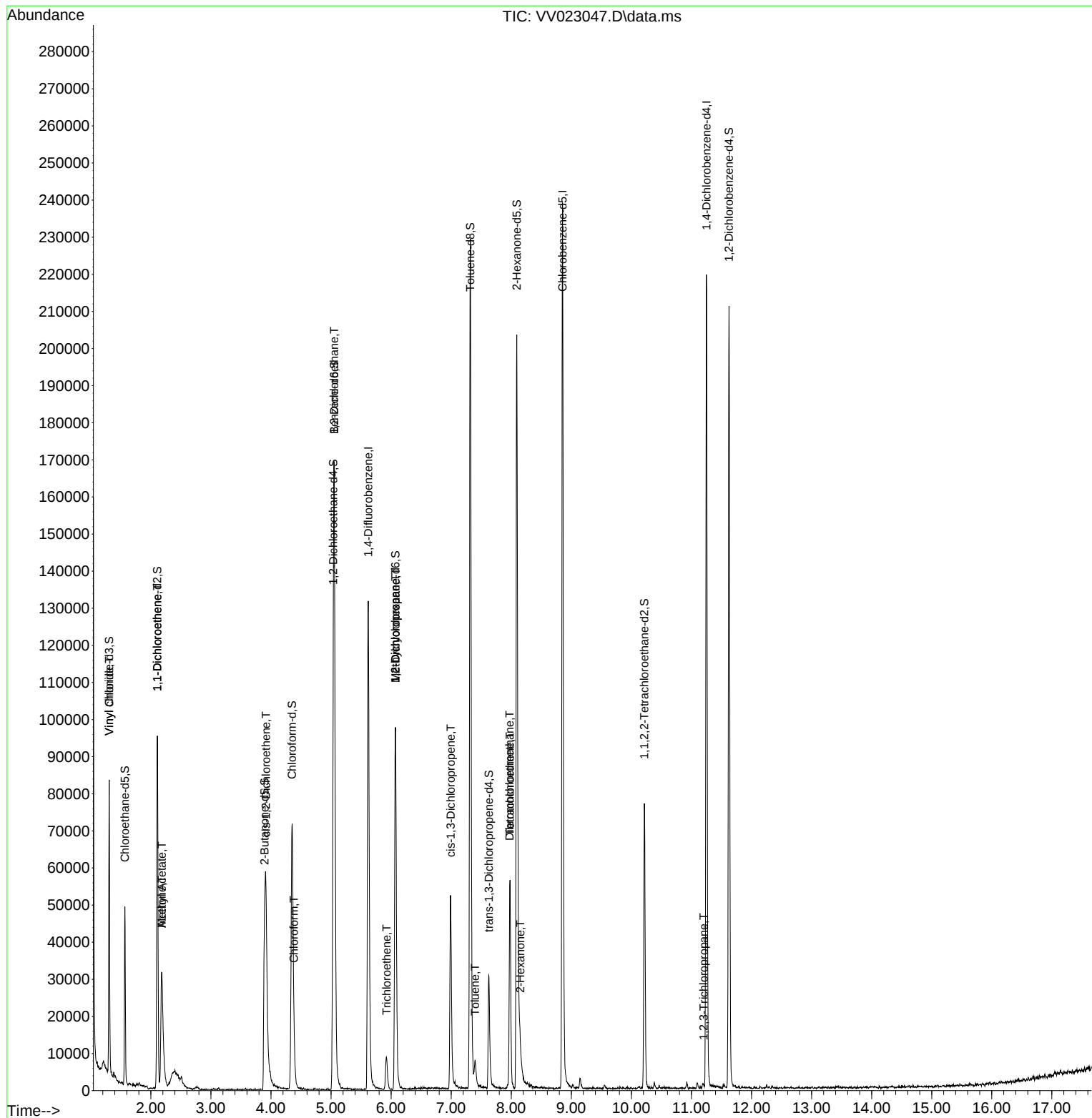
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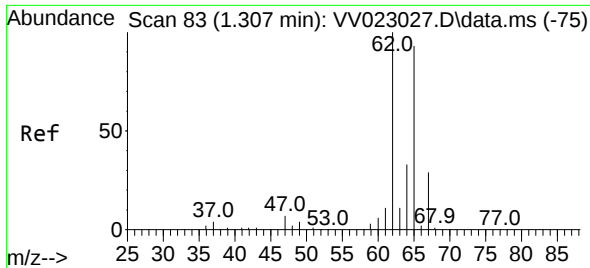
Instrument :
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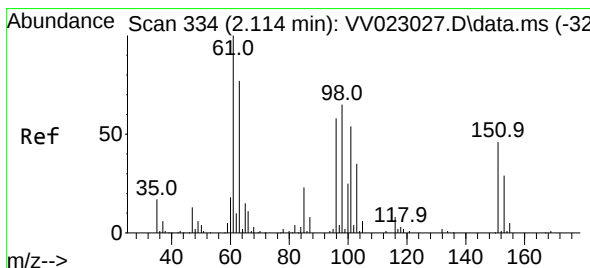
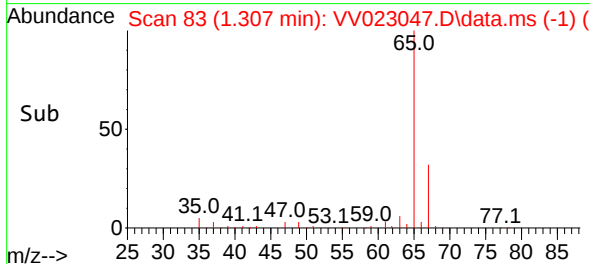
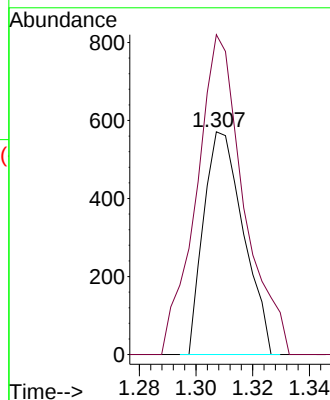
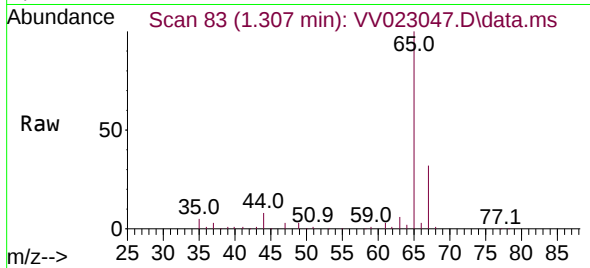




#5
 Vinyl chloride
 Concen: 0.066 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV023047.D
 Acq: 26 Oct 2021 18:50

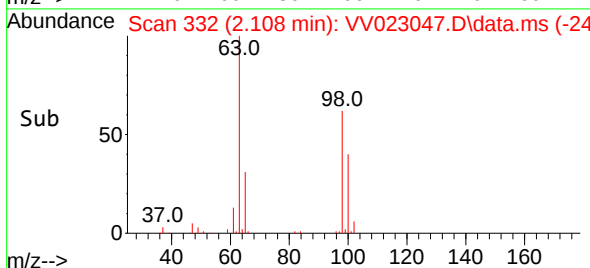
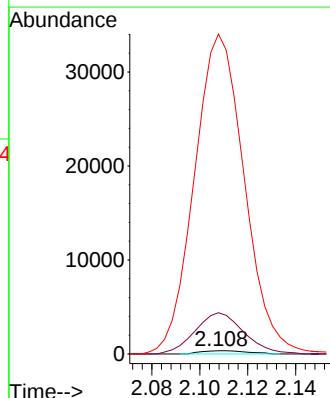
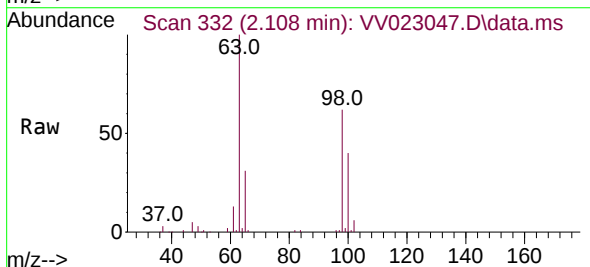
Instrument :
 MSVOA_V
 ClientSampleId :
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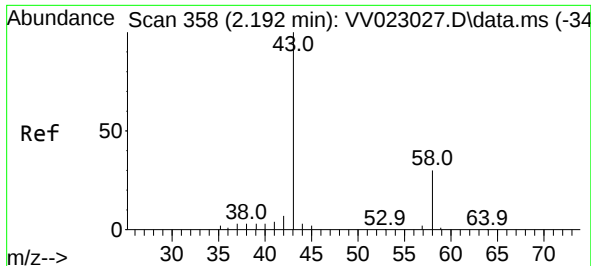
Tgt Ion: 62 Resp: 556
 Ion Ratio Lower Upper
 62 100
 64 143.6 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.075 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.007 min
 Lab File: VV023047.D
 Acq: 26 Oct 2021 18:50

Tgt Ion: 96 Resp: 457
 Ion Ratio Lower Upper
 96 100
 61 1282.2 121.5 225.7#
 63 9955.6 99.6 185.0#





#13

Acetone

Concen: 67.951 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.010 min

Lab File: VV023047.D

Acq: 26 Oct 2021 18:50

Instrument :

MSVOA_V

ClientSampleId :

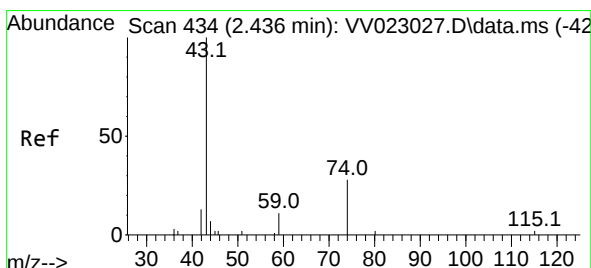
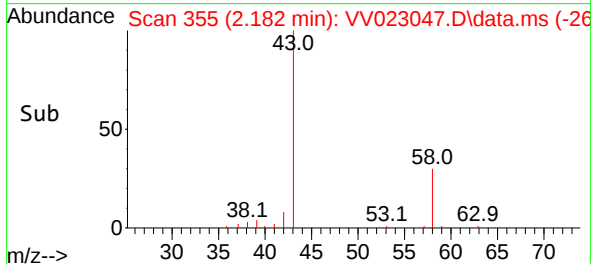
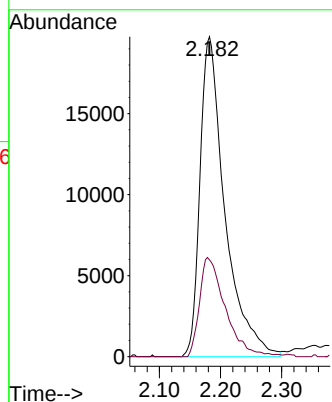
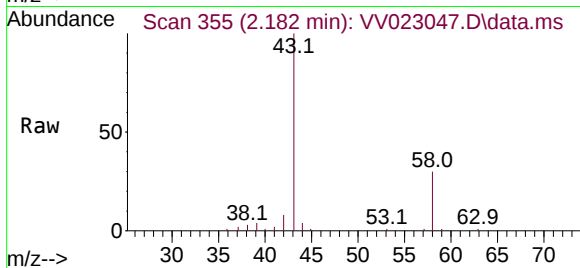
BFGD9

Tgt Ion: 43 Resp: 55853

Ion Ratio Lower Upper

43 100

58 31.9 0.0 55.4



#15

Methyl Acetate

Concen: 17.079 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.254 min

Lab File: VV023047.D

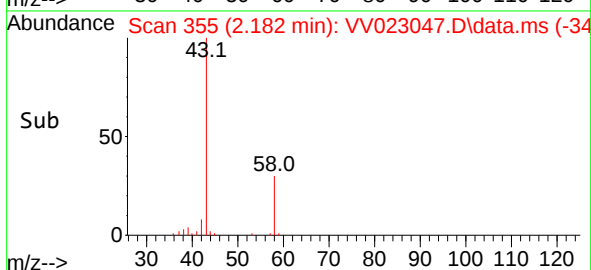
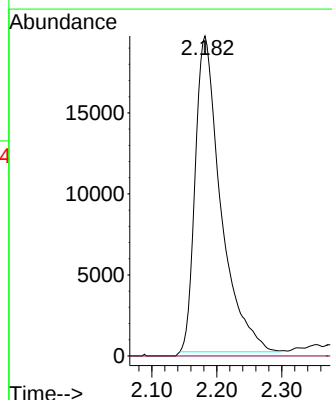
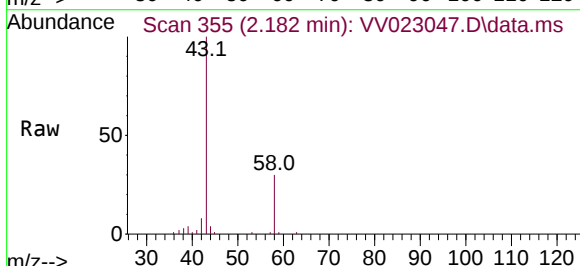
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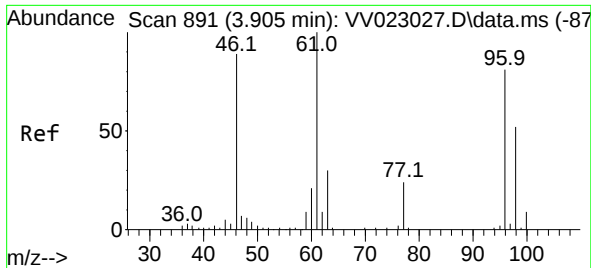
Tgt Ion: 43 Resp: 53404

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.2#

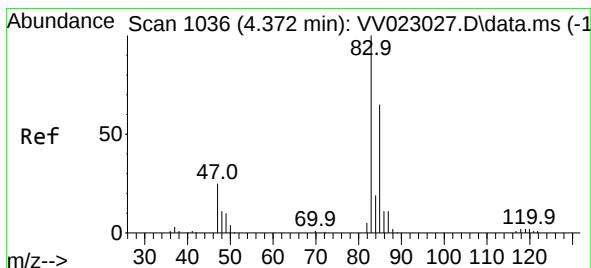
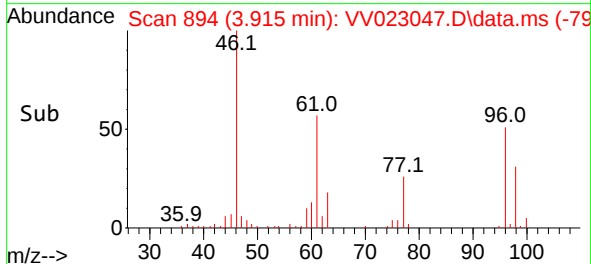
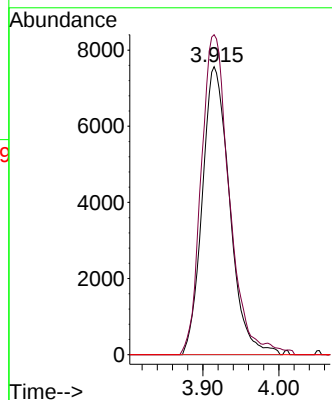
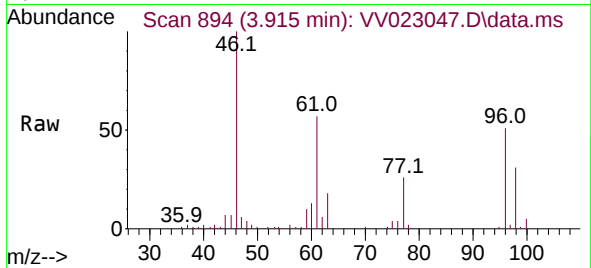




#22
 cis-1,2-Dichloroethene
 Concen: 2.553 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV023047.D
 Acq: 26 Oct 2021 18:50

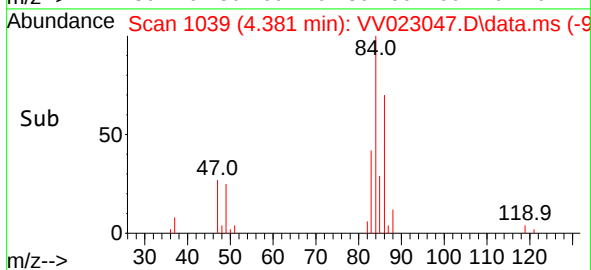
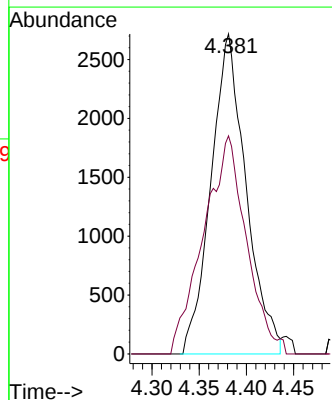
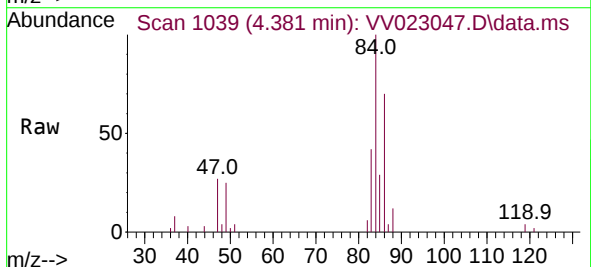
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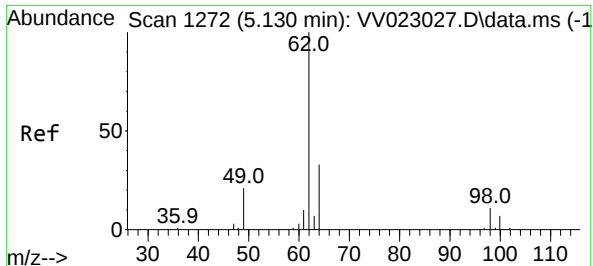
Tgt Ion: 96 Resp: 18913
 Ion Ratio Lower Upper
 96 100
 61 111.1 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.441 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.009 min
 Lab File: VV023047.D
 Acq: 26 Oct 2021 18:50

Tgt Ion: 83 Resp: 6997
 Ion Ratio Lower Upper
 83 100
 85 68.2 46.8 86.8





#27

1,2-Dichloroethane

Concen: 0.115 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV023047.D

Acq: 26 Oct 2021 18:50

Instrument :

MSVOA_V

ClientSampleId :

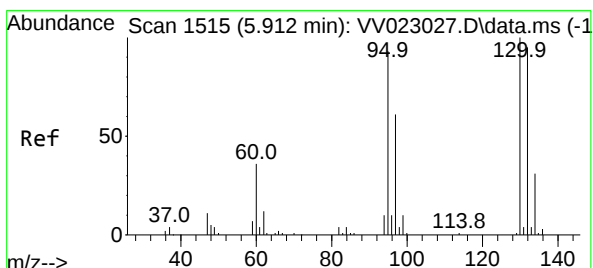
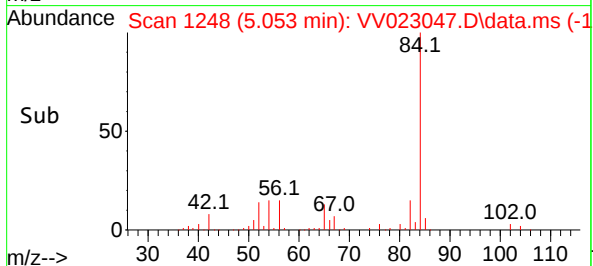
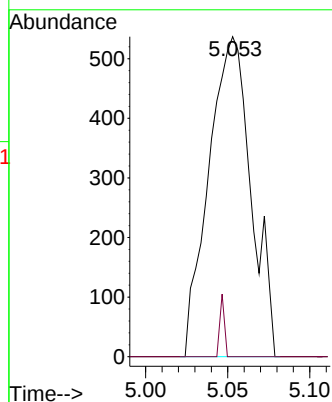
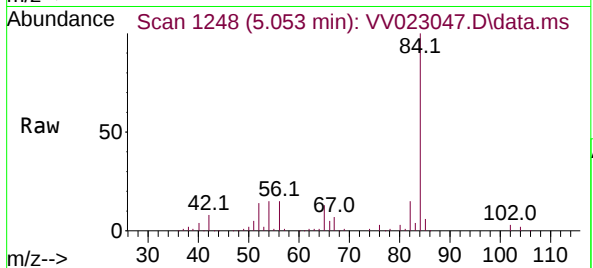
BFGD9

Tgt Ion: 62 Resp: 965

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.294 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.016 min

Lab File: VV023047.D

Acq: 26 Oct 2021 18:50

Tgt Ion: 95 Resp: 2711

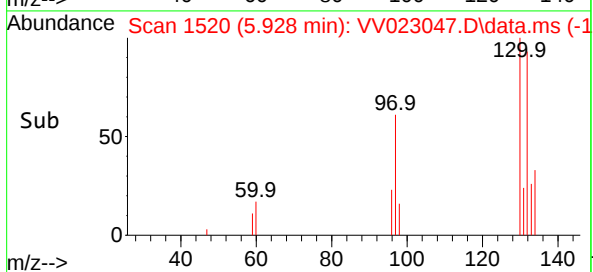
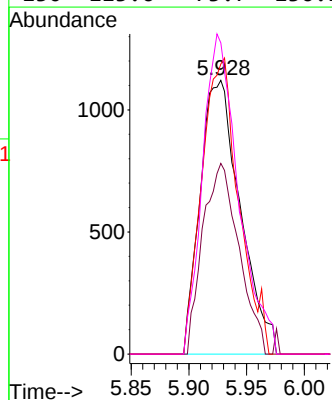
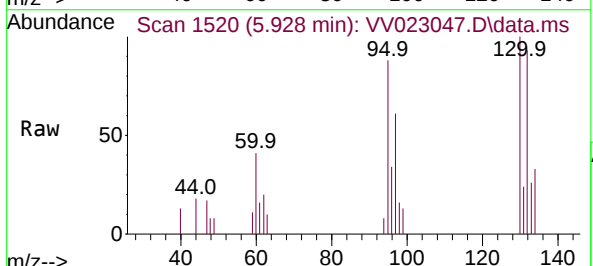
Ion Ratio Lower Upper

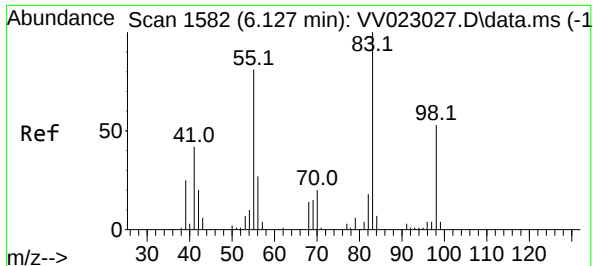
95 100

97 69.7 45.0 83.6

132 106.0 69.7 129.4

130 113.6 73.7 136.9





#35

Methylcyclohexane

Concen: 0.910 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023047.D

Acq: 26 Oct 2021 18:50

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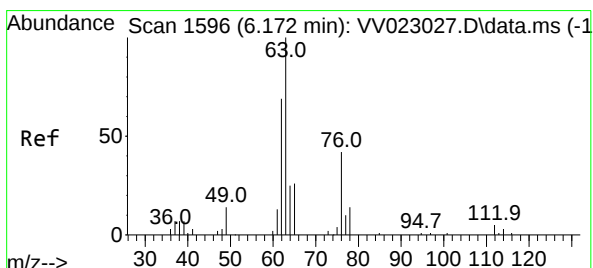
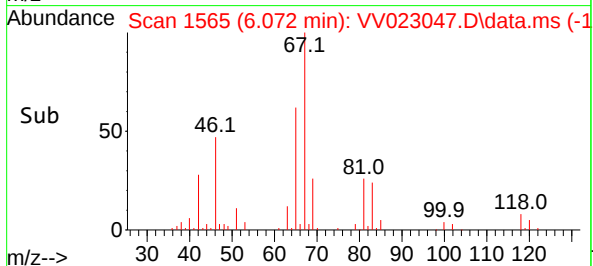
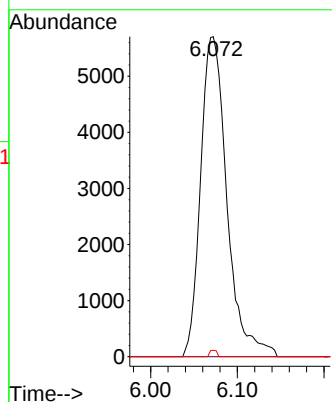
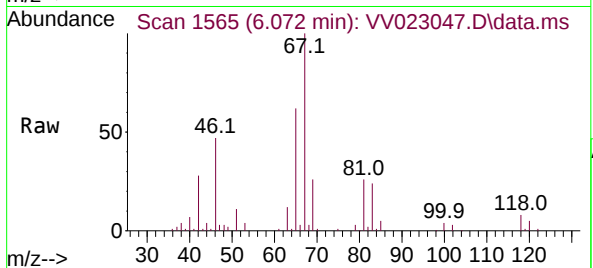
Tgt Ion: 83 Resp: 12026

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.5 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.599 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023047.D

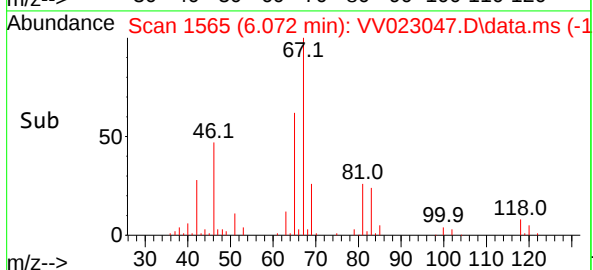
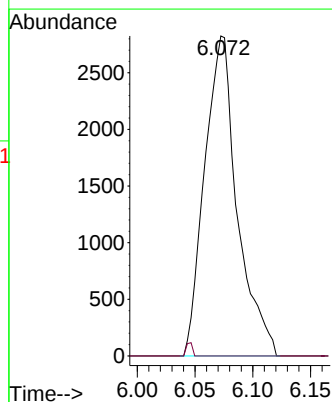
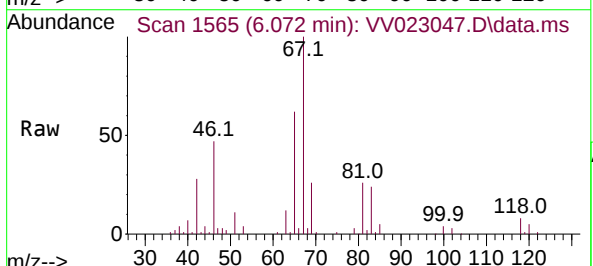
Acq: 26 Oct 2021 18:50

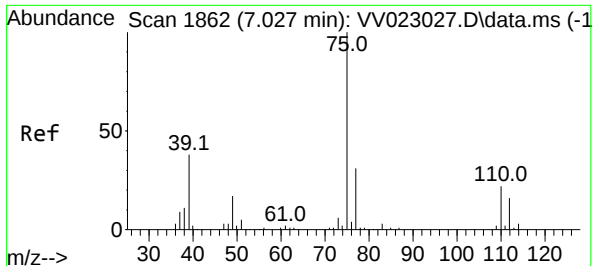
Tgt Ion: 63 Resp: 5551

Ion Ratio Lower Upper

63 100

112 0.8 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 6.992 min Scan# 1862

Delta R.T. -0.036 min

Lab File: VV023047.D

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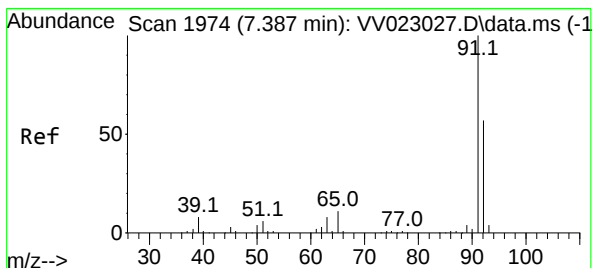
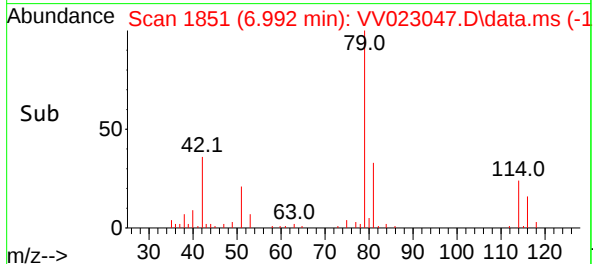
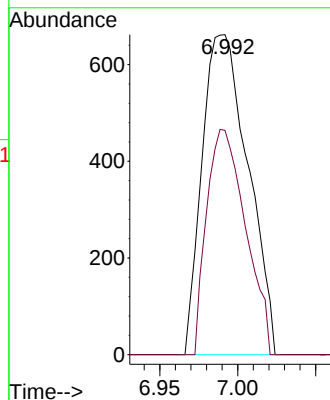
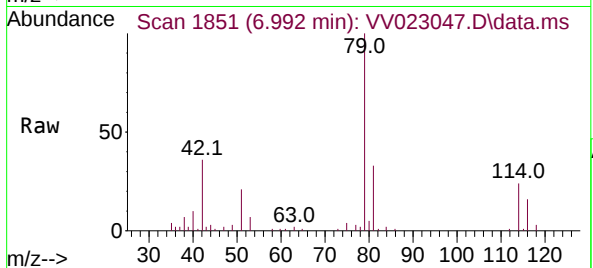
BFGD9

Tgt Ion: 75 Resp: 1356

Ion Ratio Lower Upper

75 100

77 70.1 21.6 40.2#



#42

Toluene

Concen: 0.149 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023047.D

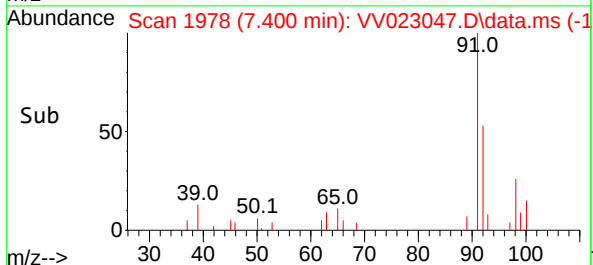
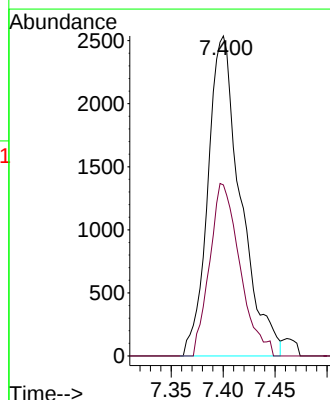
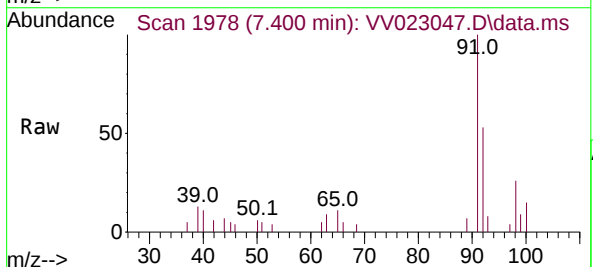
Acq: 26 Oct 2021 18:50

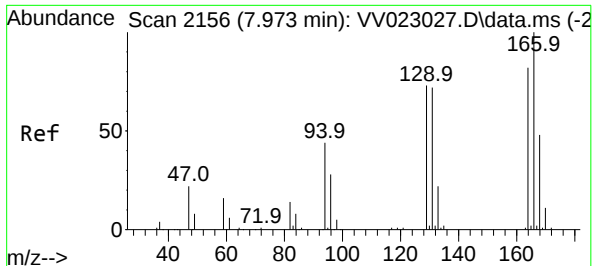
Tgt Ion: 91 Resp: 5561

Ion Ratio Lower Upper

91 100

92 53.4 39.3 72.9





#47

Tetrachloroethene

Concen: 1.659 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV023047.D

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MSVOA_V

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Tgt Ion:164 Resp: 12941

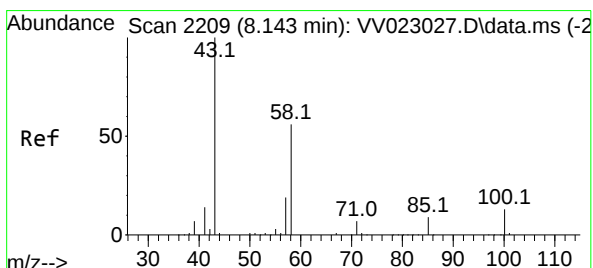
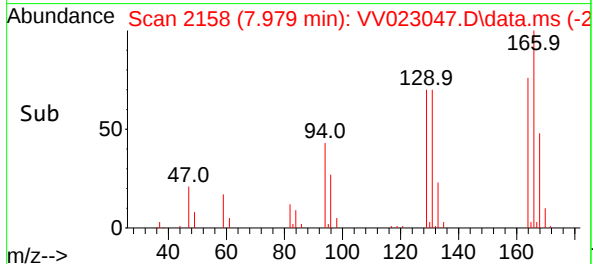
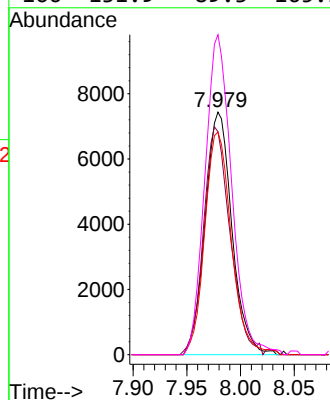
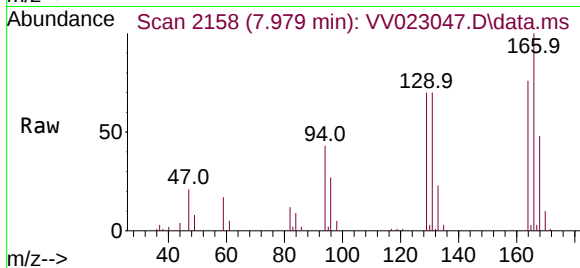
Ion Ratio Lower Upper

164 100

129 91.9 64.0 119.0

131 91.7 63.4 117.8

166 131.9 89.3 165.9



#48

2-Hexanone

Concen: 1.814 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VV023047.D

Acq: 26 Oct 2021 18:50

Tgt Ion: 43 Resp: 5870

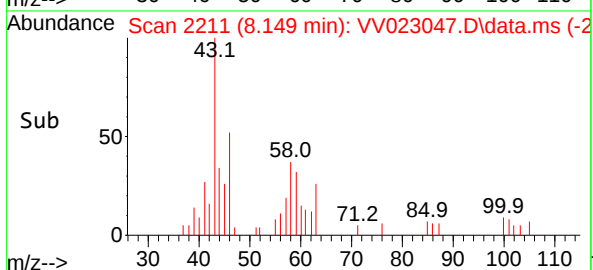
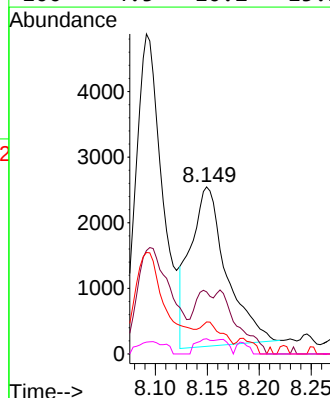
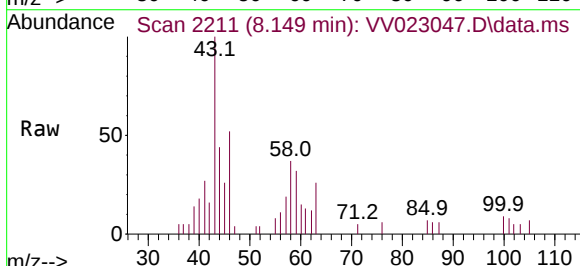
Ion Ratio Lower Upper

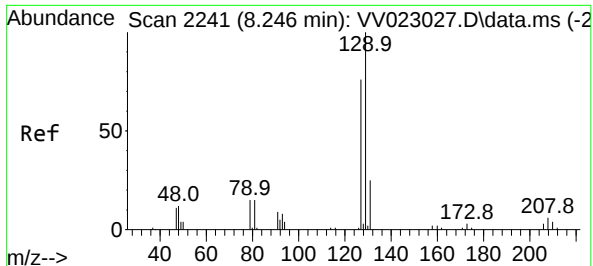
43 100

58 7.9 43.7 65.5#

57 12.7 14.1 21.1#

100 4.5 10.2 15.2#





#49

Dibromochloromethane

Concen: 1.454 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023047.D

Acq: 26 Oct 2021 18:50

Instrument :

MSVOA_V

ClientSampleId :

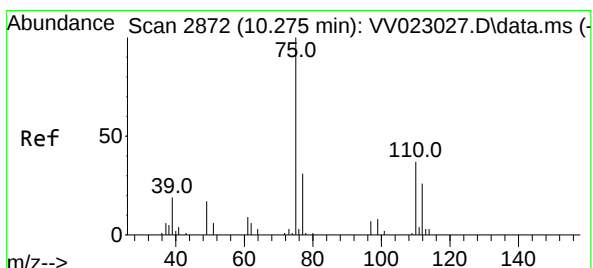
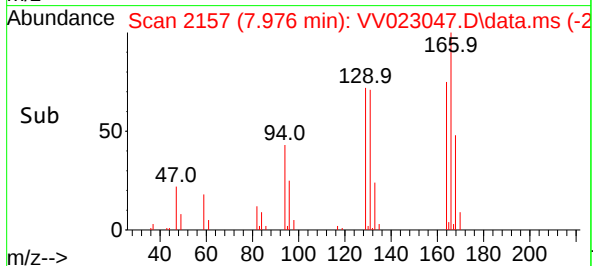
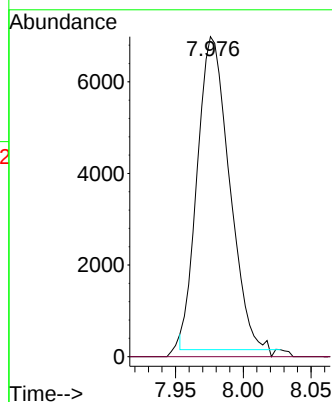
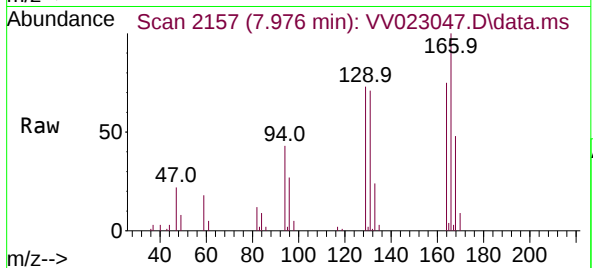
BFGD9

Tgt Ion:129 Resp: 11207

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 0.061 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.929 min

Lab File: VV023047.D

Acq: 26 Oct 2021 18:50

Tgt Ion: 75 Resp: 252

Ion Ratio Lower Upper

75 100

77 0.0 26.6 39.8#

110 0.0 31.8 47.6#

