

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018218.D
 Acq On : 15 Sep 2020 13:47
 Operator : SY/MD
 Sample : L4012-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ8

Quant Time: Sep 16 05:46:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 05:45:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	175443	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	177982	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	84639	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88067	61.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	123.18%
7) Chloroethane-d5	1.58	69	80768	69.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	138.06%#
11) 1,1-Dichloroethene-d2	2.12	63	136754	52.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.28%
21) 2-Butanone-d5	3.91	46	125708	143.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	143.64%#
24) Chloroform-d	4.38	84	181434	73.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	146.28%#
26) 1,2-Dichloroethane-d4	5.06	65	120863	76.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	152.02%#
32) Benzene-d6	5.08	84	359796	70.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	141.24%#
36) 1,2-Dichloropropane-d6	6.09	67	117015	72.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	144.56%#
41) Toluene-d8	7.34	98	316036	68.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	136.12%#
43) trans-1,3-Dichloropropene-	7.64	79	56341	68.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	136.96%#
47) 2-Hexanone-d5	8.11	63	96430	157.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	157.25%#
57) 1,1,2,2-Tetrachloroethane-	10.23	84	155701	76.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	153.26%#
64) 1,2-Dichlorobenzene-d4	11.65	152	137626	79.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	158.36%#

Target Compounds

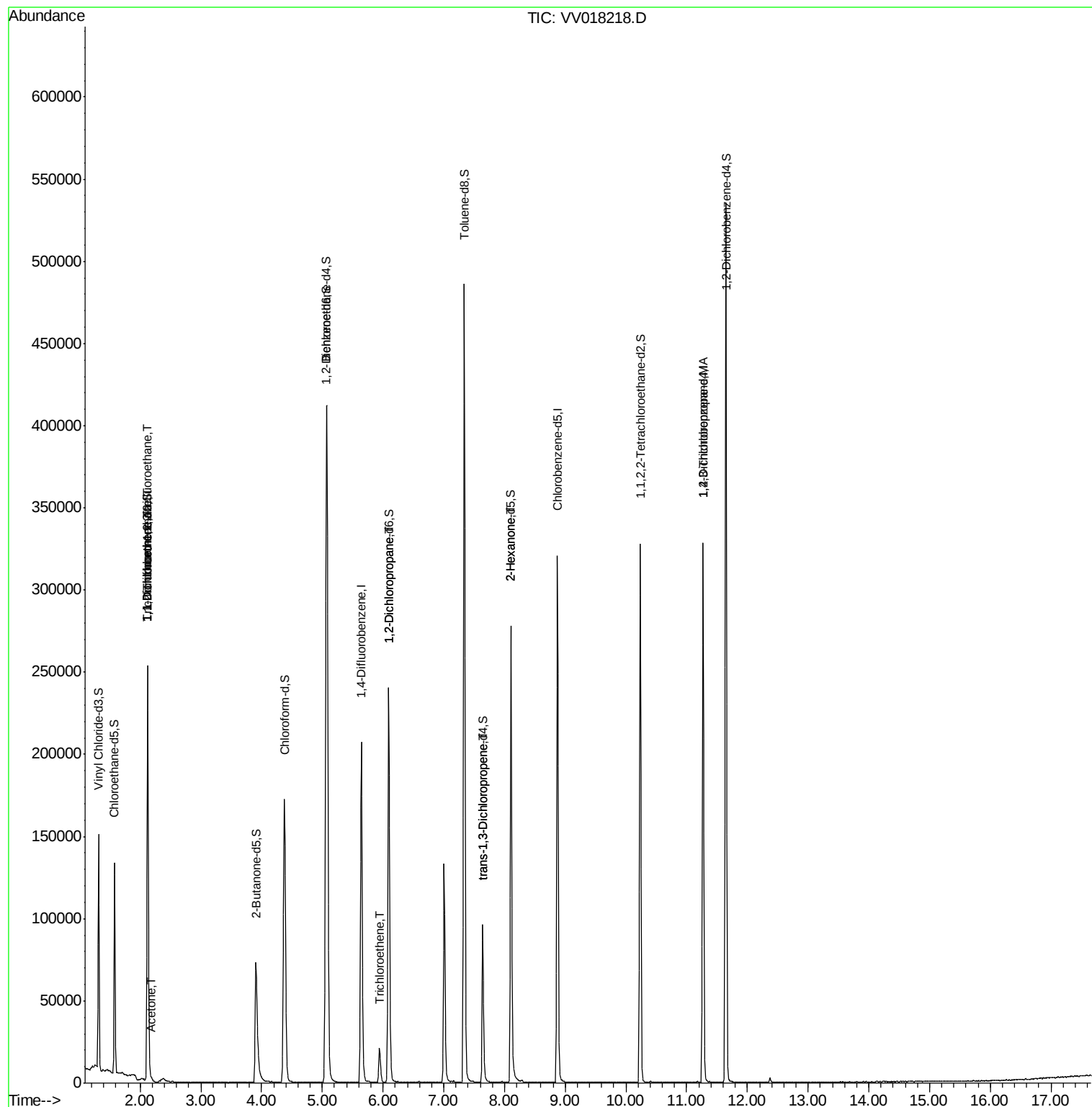
					Ovalue
9) Trichlorofluoromethane	2.12	101	1439	0.730 ug/L #	29
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1439	1.215 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1133	0.984 ug/L #	1
13) Acetone	2.19	43	2034	2.902 ug/L	85
34) Trichloroethene	5.94	95	7650	5.519 ug/L	97
37) 1,2-Dichloropropane	6.09	63	12782	9.479 ug/L #	87
44) trans-1,3-Dichloropropene	7.64	75	2268	1.121 ug/L	98
48) 2-Hexanone	8.11	43	10687	8.286 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	9616	6.063 ug/L	91

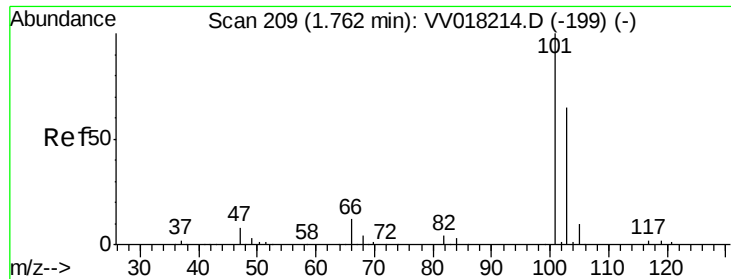
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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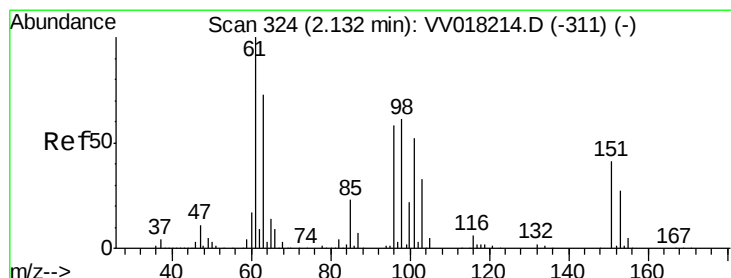
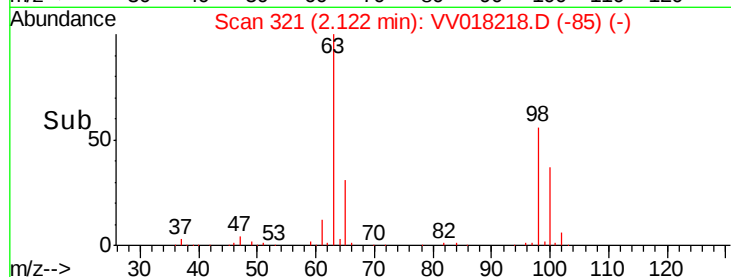
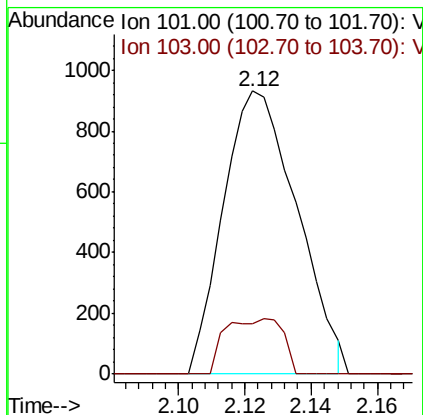
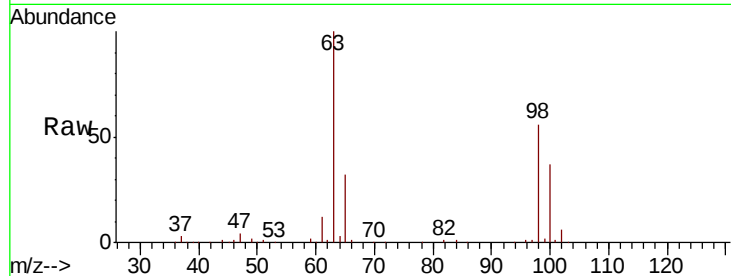


#9

Trichlorofluoromethane
 Concen: 0.730 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. 0.36 min
 Lab File: VV018218.D
 Acq: 15 Sep 2020 13:47

Instrument :
 MSVOA_V
 ClientSampleID :
 BFWZ8

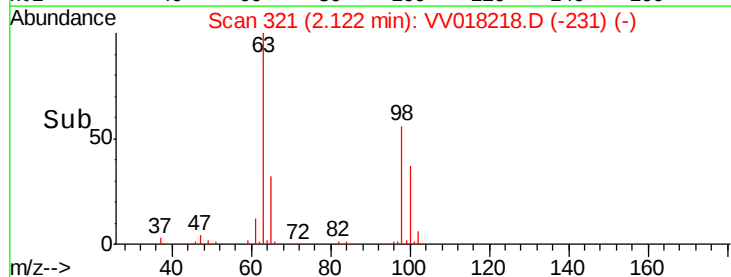
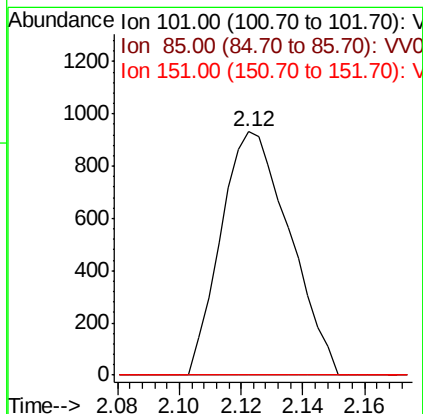
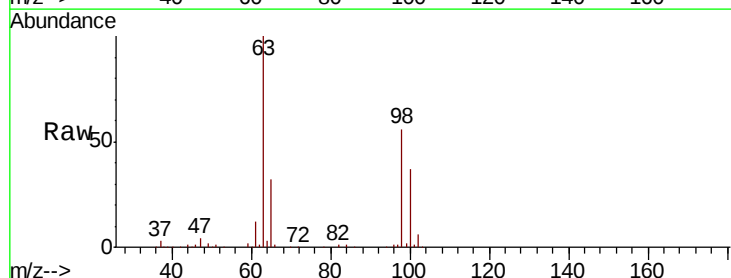
Tot Ion:101 Resp: 1439
 Ion Ratio Lower Upper
 101 100
 103 8.5 51.8 77.6#

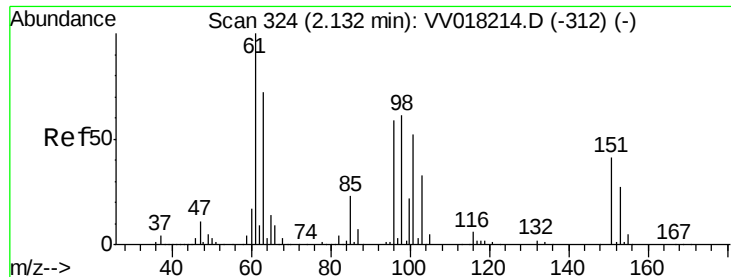


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.215 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018218.D
 Acq: 15 Sep 2020 13:47

Tgt Ion:101 Resp: 1439
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.5 50.3#
 151 0.0 62.2 93.2#

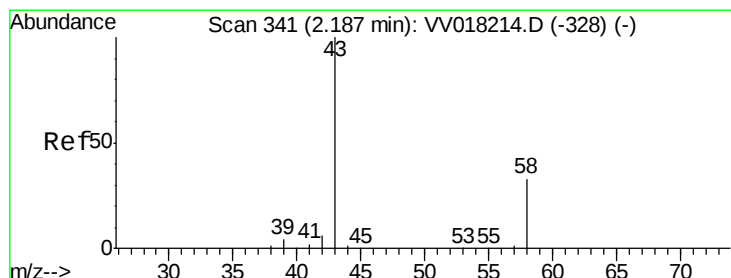
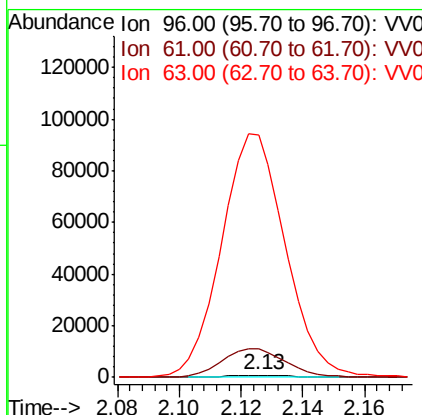
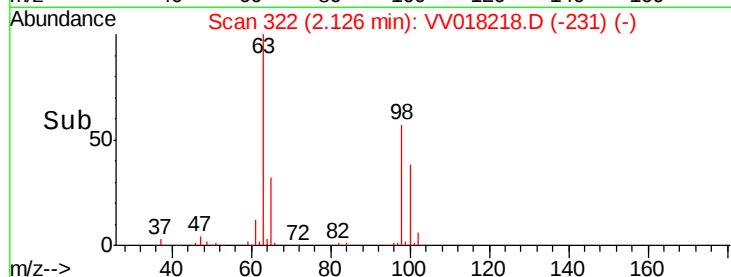
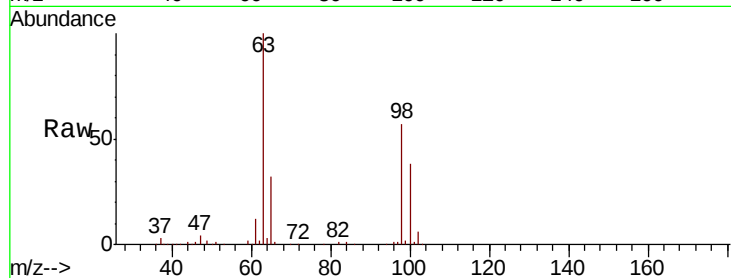




#12
 1,1-Dichloroethene
 Concen: 0.984 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV018218.D
 Acq: 15 Sep 2020 13:47

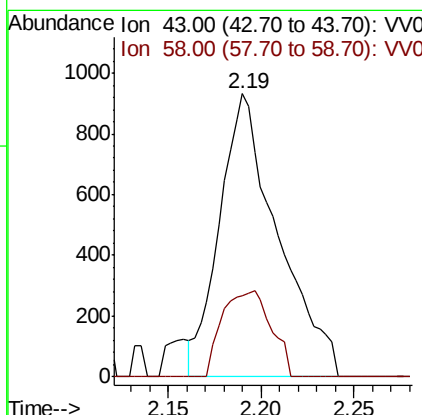
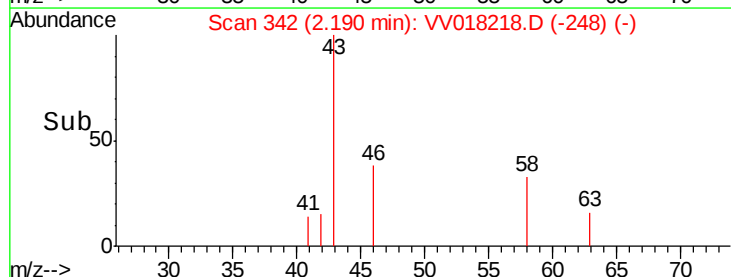
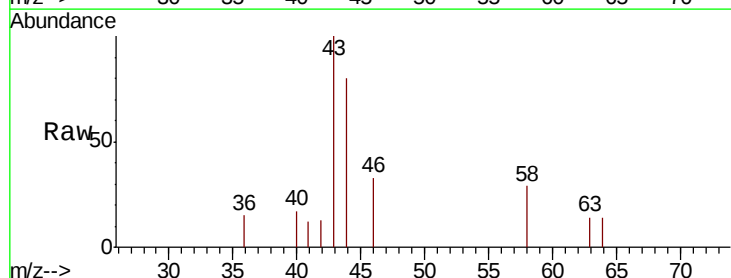
Instrument :
 MSVOA_V
 ClientSampled :
 BFWZ8

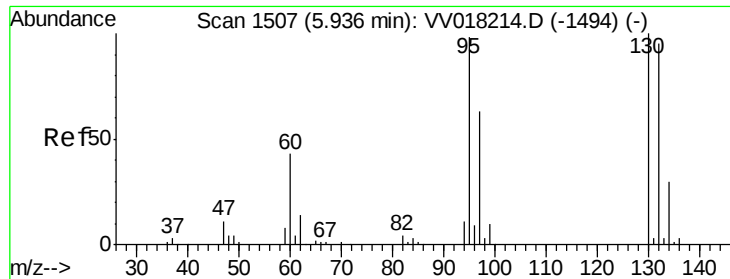
Tot Ion: 96 Resp: 1133
 Ion Ratio Lower Upper
 96 100
 61 1438.4 122.9 228.3#
 63 12318.5 91.9 170.7#



#13
 Acetone
 Concen: 2.902 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV018218.D
 Acq: 15 Sep 2020 13:47

Tgt Ion: 43 Resp: 2034
 Ion Ratio Lower Upper
 43 100
 58 25.4 0.0 67.4





#34

Trichloroethene

Concen: 5.519 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018218.D

Acq: 15 Sep 2020 13:47

Instrument :

MSVOA_V

ClientSampled :

BFWZ8

Tot Ion: 95 Resp: 7650

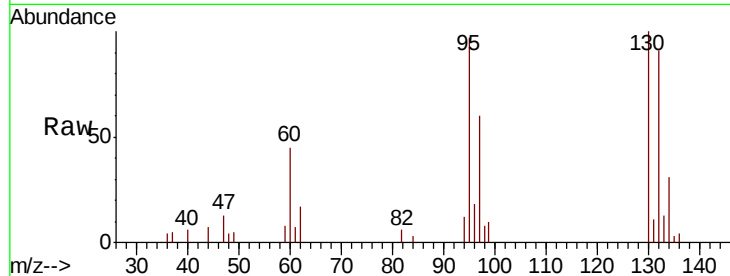
Ion Ratio Lower Upper

95 100

97 61.7 46.3 85.9

132 93.6 68.1 126.5

130 103.2 71.5 132.9

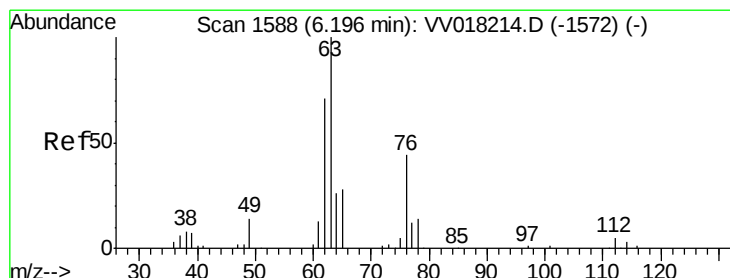
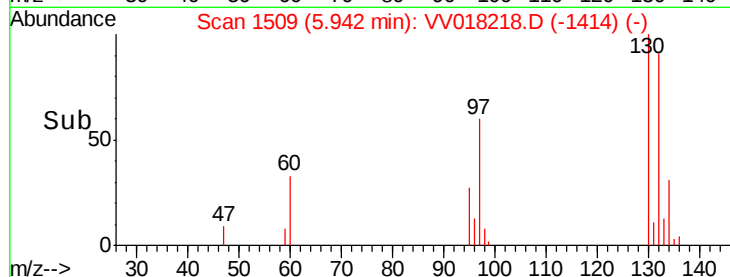
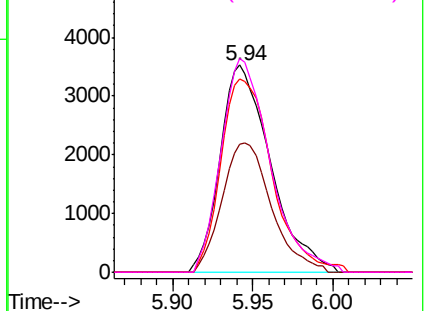


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 9.479 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018218.D

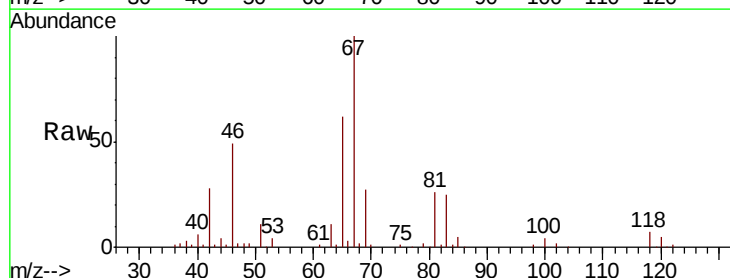
Acq: 15 Sep 2020 13:47

Tgt Ion: 63 Resp: 12782

Ion Ratio Lower Upper

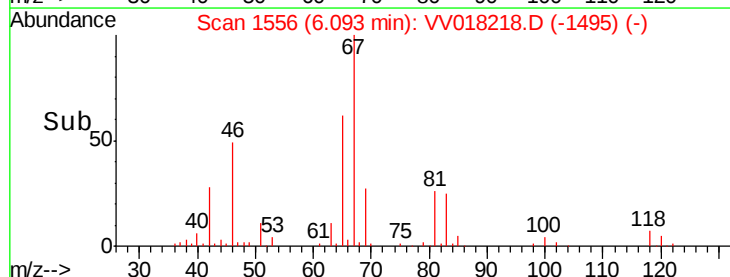
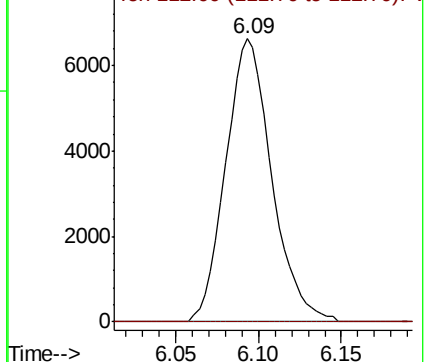
63 100

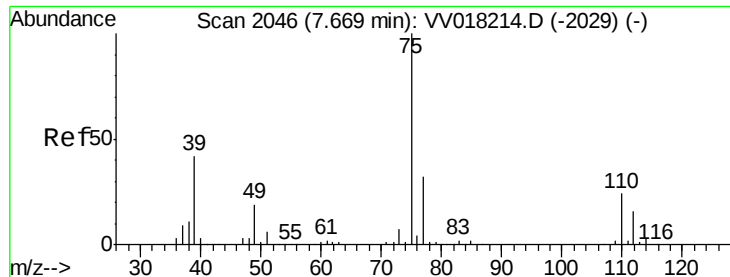
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 1.121 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV018218.D

Acq: 15 Sep 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

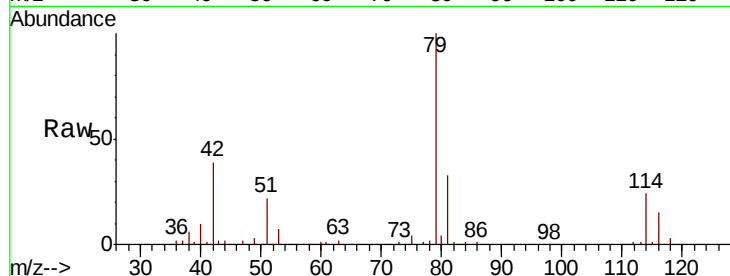
BFWZ8

Tot Ion: 75 Resp: 2268

Ion Ratio Lower Upper

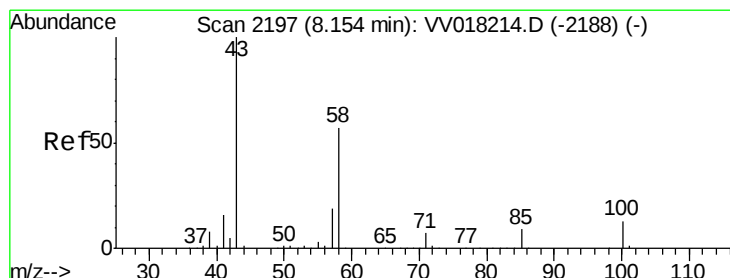
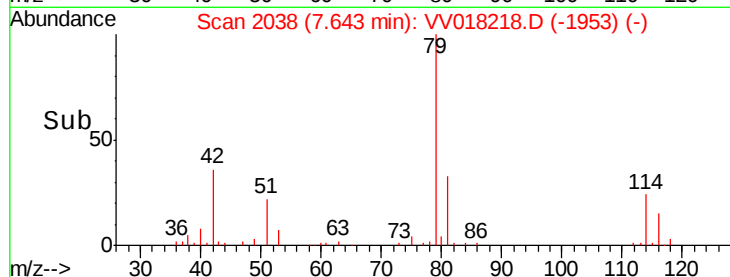
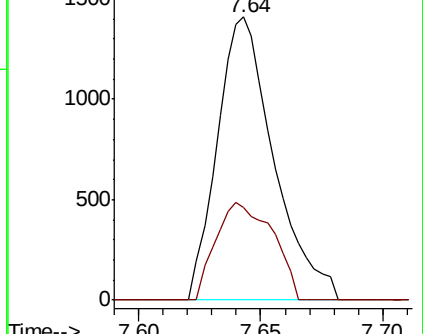
75 100

77 32.9 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 8.286 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV018218.D

Acq: 15 Sep 2020 13:47

Tgt Ion: 43 Resp: 10687

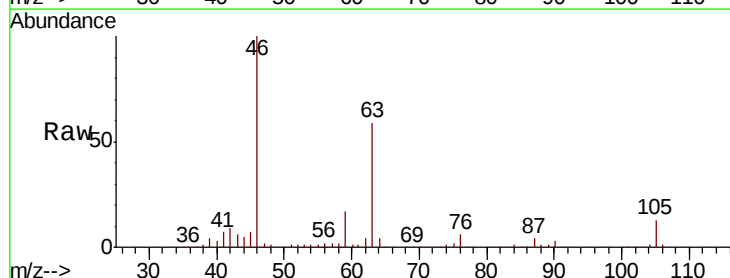
Ion Ratio Lower Upper

43 100

58 29.1 44.8 67.2#

57 31.3 15.8 23.6#

100 0.0 10.2 15.4#

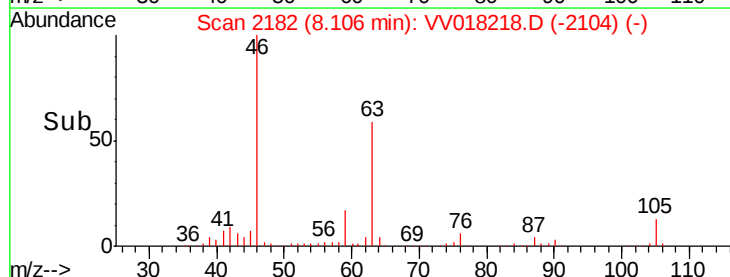
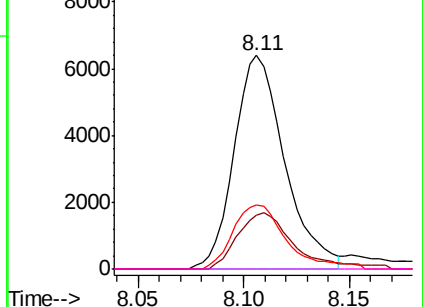


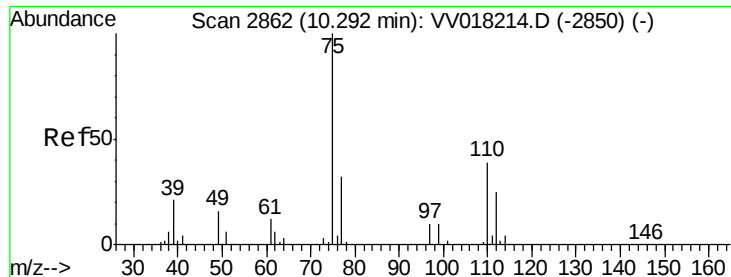
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.063 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018218.D

Acq: 15 Sep 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

BFWZ8

Tot Ion: 75 Resp: 9616

Ion Ratio Lower Upper

75 100

77 37.1 25.8 38.6

