

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018220.D
 Acq On : 15 Sep 2020 14:33
 Operator : SY/MD
 Sample : L4012-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWT3

Quant Time: Sep 16 05:46:49 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	164332	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164653	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	78745	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73752	55.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.14%
7) Chloroethane-d5	1.58	69	68980	62.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.90%
11) 1,1-Dichloroethene-d2	2.12	63	115594	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.10%
21) 2-Butanone-d5	3.91	46	108600	132.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.48%#
24) Chloroform-d	4.38	84	161209	69.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	138.76%#
26) 1,2-Dichloroethane-d4	5.06	65	106752	71.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.34%#
32) Benzene-d6	5.08	84	314946	66.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.64%#
36) 1,2-Dichloropropane-d6	6.09	67	103033	68.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	137.58%#
41) Toluene-d8	7.34	98	276780	64.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.86%#
43) trans-1,3-Dichloropropene-	7.64	79	49472	65.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	130.00%#
47) 2-Hexanone-d5	8.11	63	81128	143.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	143.01%#
57) 1,1,2,2-Tetrachloroethane-	10.23	84	137964	73.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	146.78%#
64) 1,2-Dichlorobenzene-d4	11.65	152	122354	75.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	151.32%#

Target Compounds

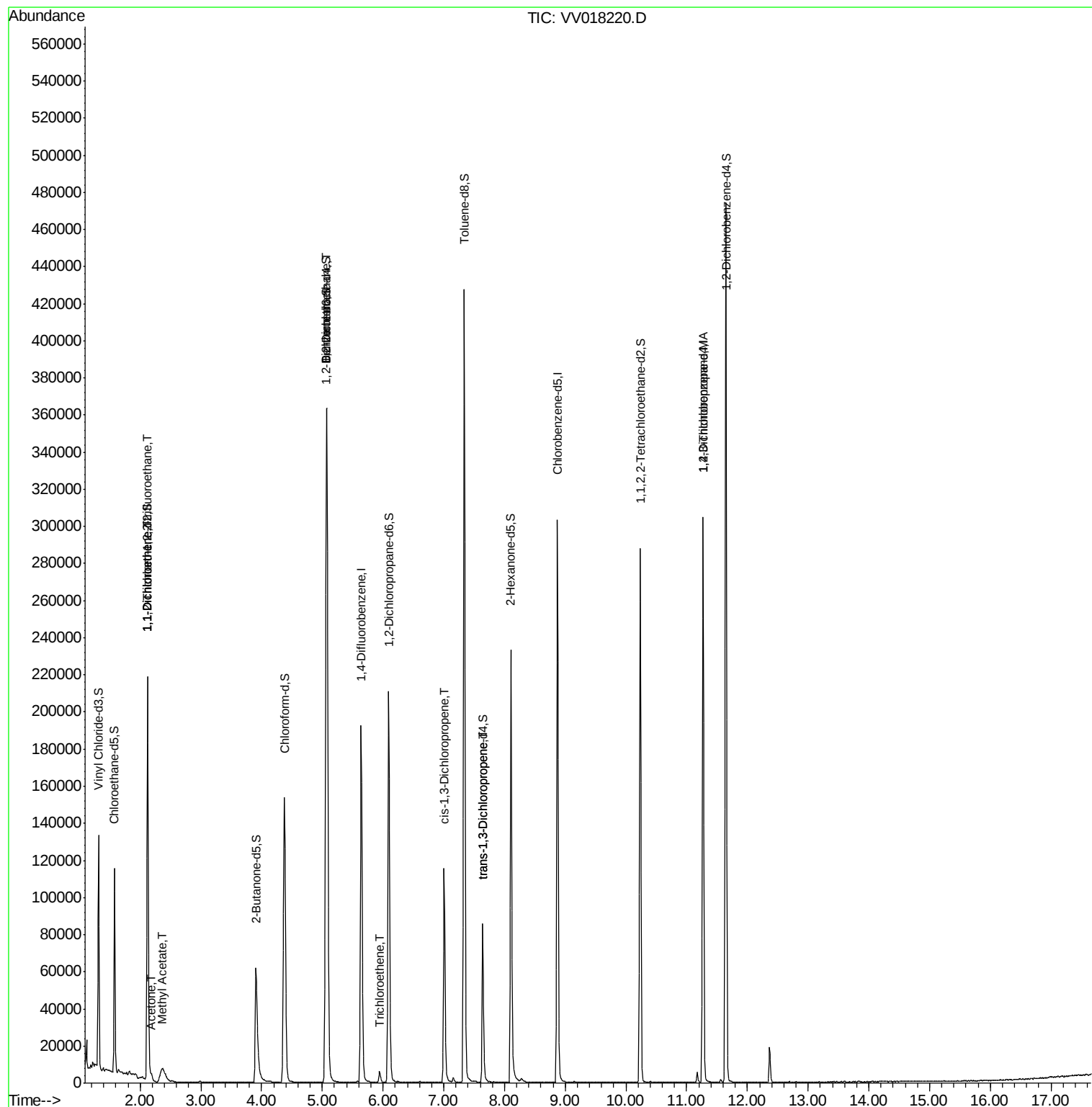
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	958	0.864 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1012	0.938 ug/L #	1
13) Acetone	2.19	43	3399	5.178 ug/L	95
15) Methyl Acetate	2.35	43	2220	1.882 ug/L #	53
27) 1,2-Dichloroethane	5.07	62	1896	1.146 ug/L #	74
34) Trichloroethene	5.95	95	2066	1.611 ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	2860	1.488 ug/L #	78
44) trans-1,3-Dichloropropene	7.64	75	2063	1.102 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	8888	6.058 ug/L	89

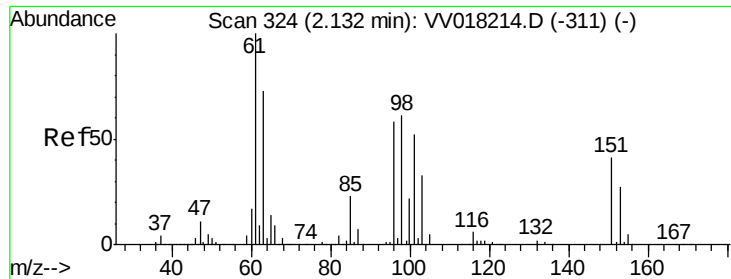
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.864 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018220.D

Acq: 15 Sep 2020 14:33

Instrument :

MSVOA_V

ClientSampleId :

BFWT3

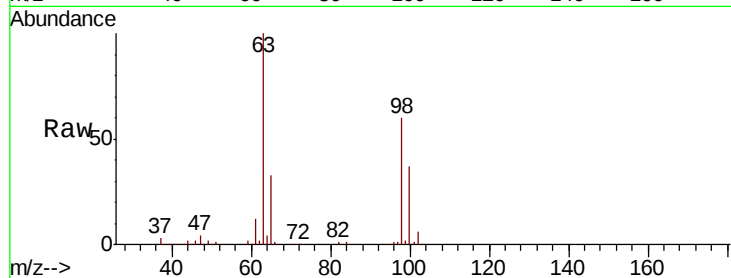
Tot Ion:101 Resp: 958

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

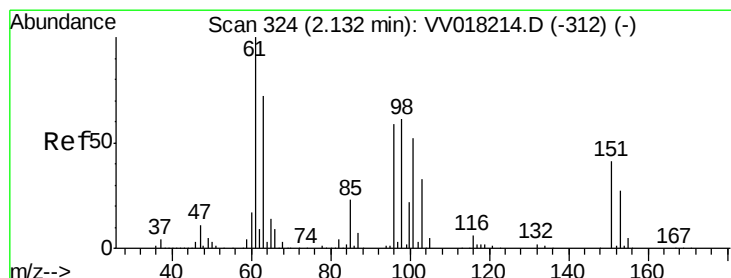
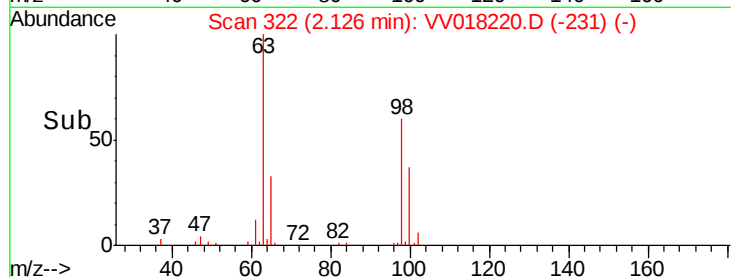
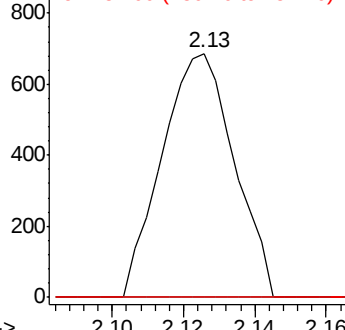
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.938 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018220.D

Acq: 15 Sep 2020 14:33

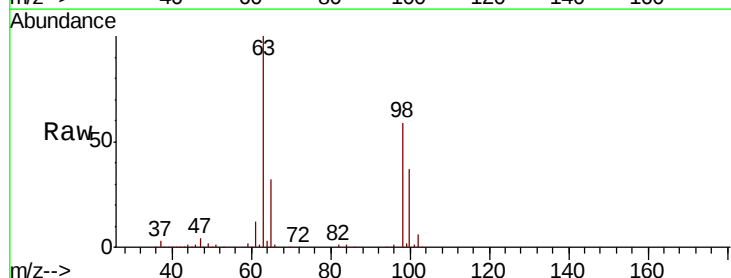
Tgt Ion: 96 Resp: 1012

Ion Ratio Lower Upper

96 100

61 1216.0 122.9 228.3#

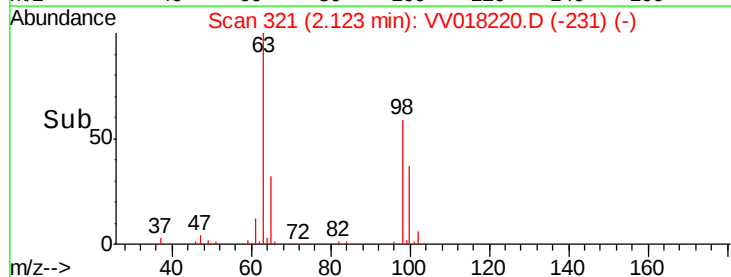
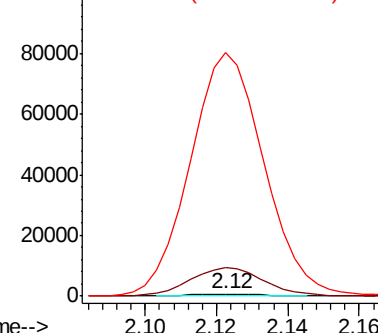
63 10554.5 91.9 170.7#

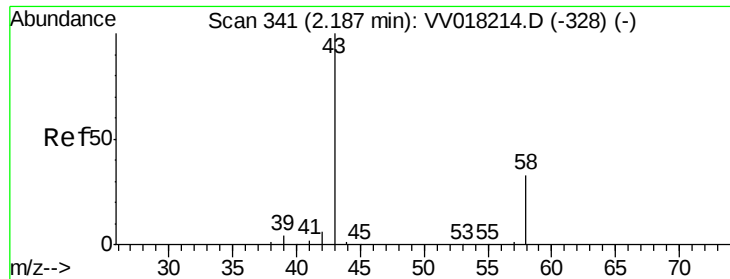


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 5.178 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV018220.D

Acq: 15 Sep 2020 14:33

Instrument :

MSVOA_V

ClientSampleId :

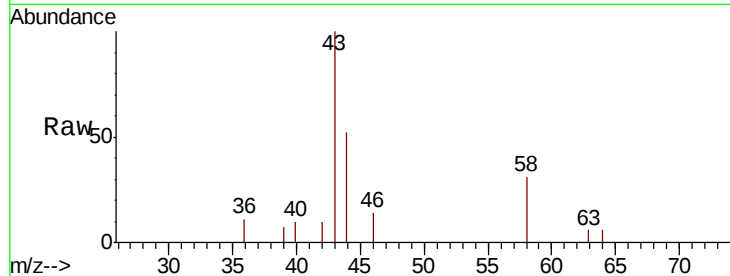
BFWT3

Tot Ion: 43 Resp: 3399

Ion Ratio Lower Upper

43 100

58 36.5 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

2000

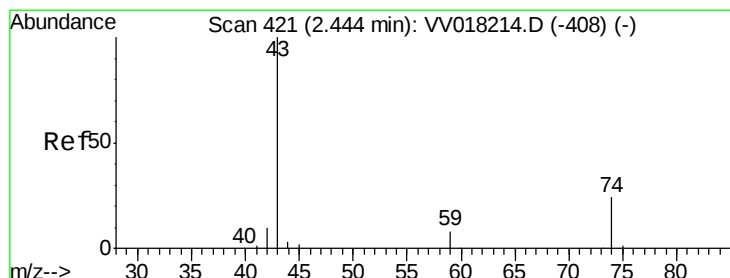
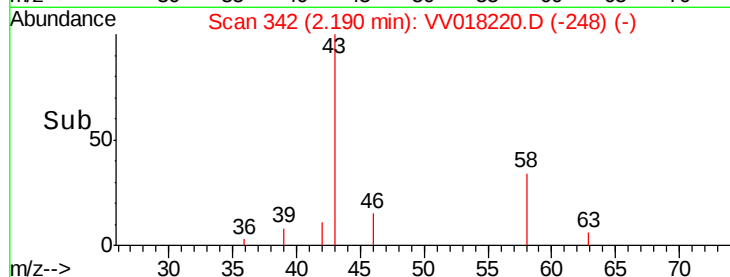
1500

1000

500

0

Time-->



#15

Methyl Acetate

Concen: 1.882 ug/L

RT: 2.35 min Scan# 392

Delta R.T. -0.09 min

Lab File: VV018220.D

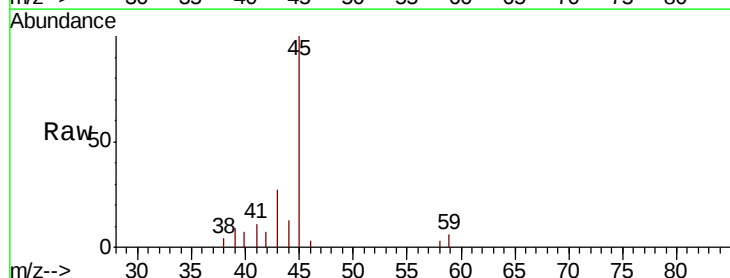
Acq: 15 Sep 2020 14:33

Tgt Ion: 43 Resp: 2220

Ion Ratio Lower Upper

43 100

74 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.35

1200

1000

800

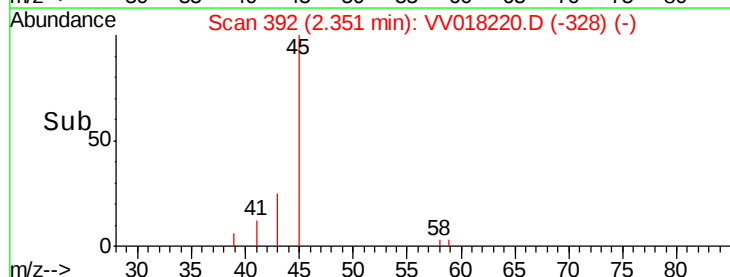
600

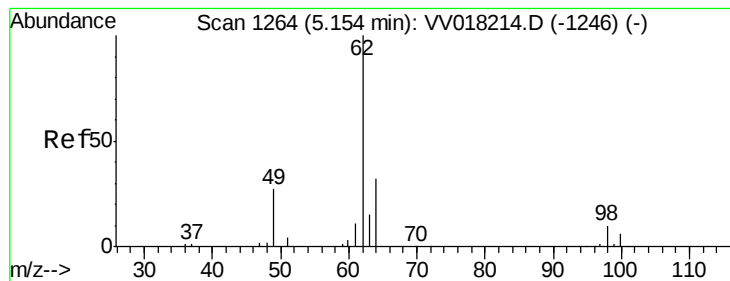
400

200

0

Time-->





#27

1,2-Dichloroethane

Concen: 1.146 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018220.D

Acq: 15 Sep 2020 14:33

Instrument :

MSVOA_V

ClientSampled :

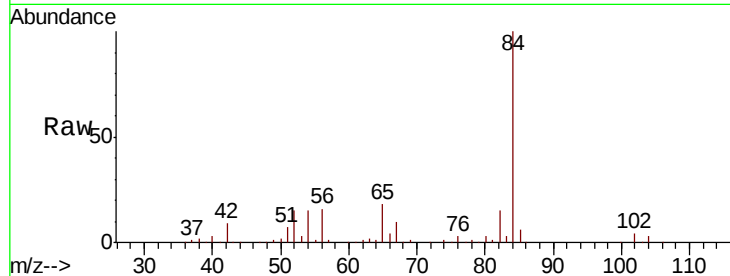
BFWT3

Tot Ion: 62 Resp: 1896

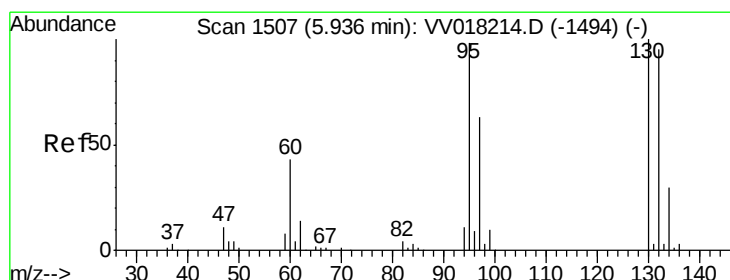
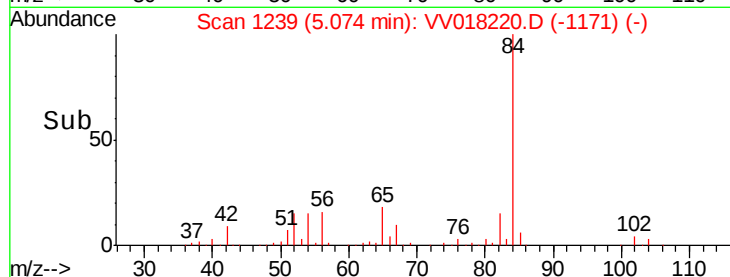
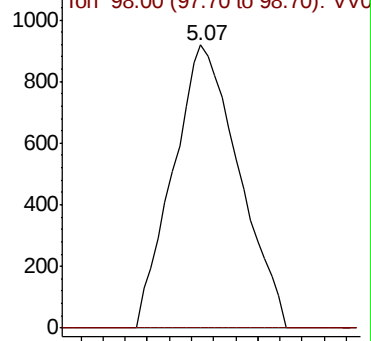
Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV018220.D (-1171) (-)



#34

Trichloroethene

Concen: 1.611 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018220.D

Acq: 15 Sep 2020 14:33

Tgt Ion: 95 Resp: 2066

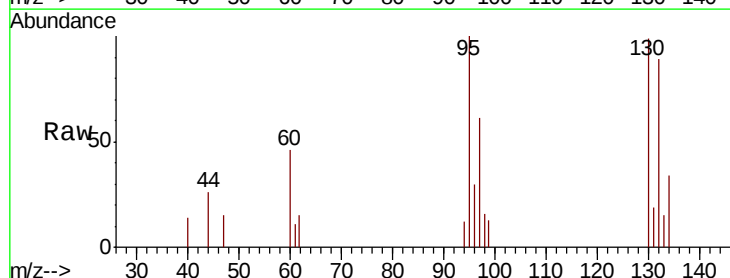
Ion Ratio Lower Upper

95 100

97 60.9 46.3 85.9

132 89.2 68.1 126.5

130 99.4 71.5 132.9

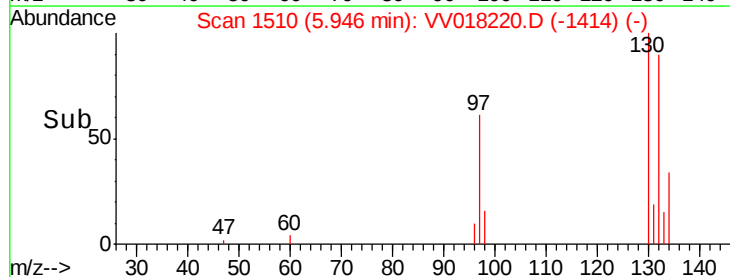
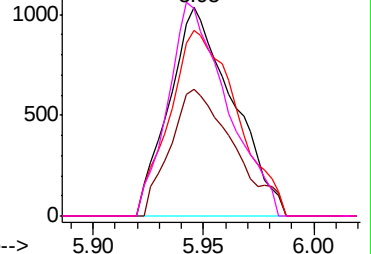


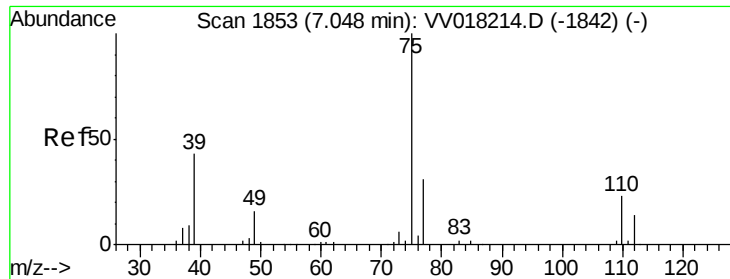
Abundance Ion 95.00 (94.70 to 95.70): VV018220.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018220.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018220.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018220.D (-1414) (-)

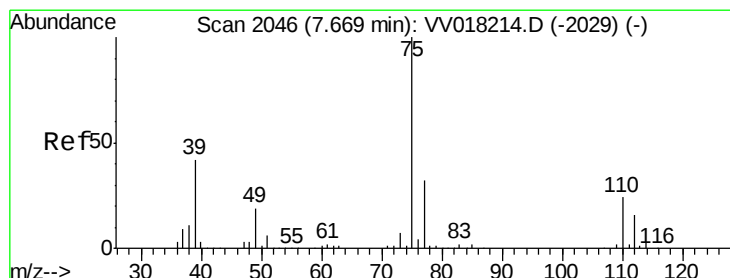
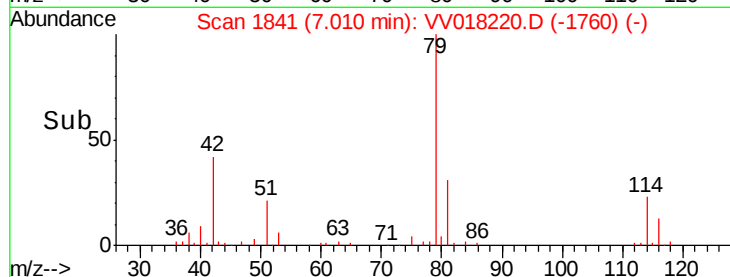
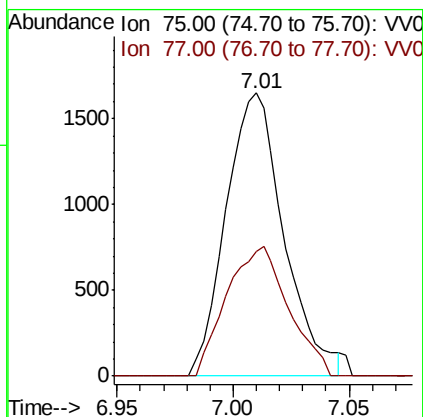
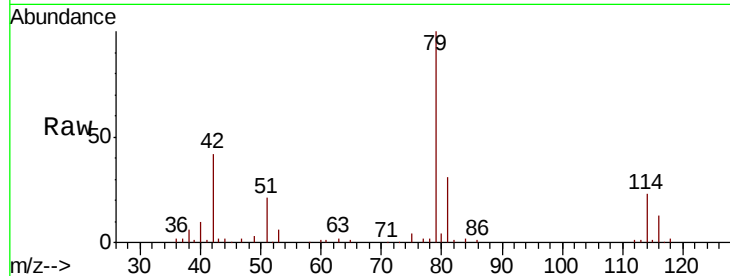




#39
 cis-1,3-Dichloropropene
 Concen: 1.488 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018220.D
 Acq: 15 Sep 2020 14:33

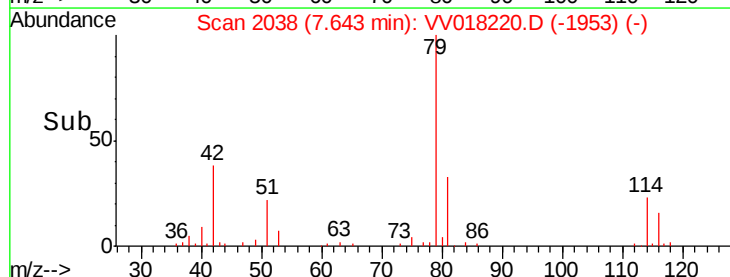
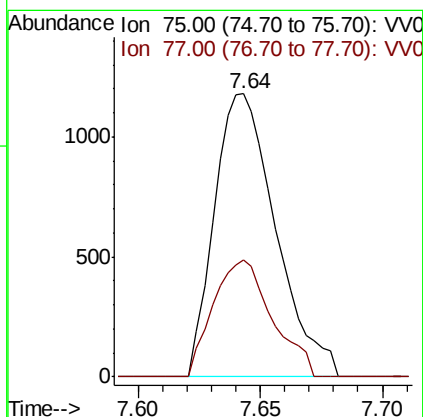
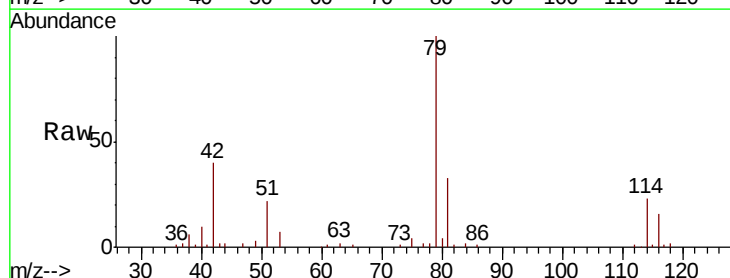
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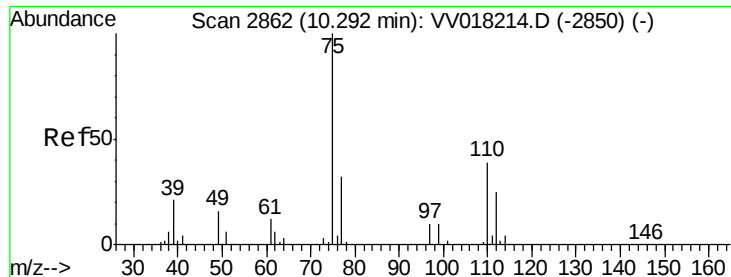
Tot Ion: 75 Resp: 2860
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.3 41.3#



#44
 trans-1,3-Dichloropropene
 Concen: 1.102 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV018220.D
 Acq: 15 Sep 2020 14:33

Tgt Ion: 75 Resp: 2063
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 6.058 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018220.D

Acq: 15 Sep 2020 14:33

Instrument :

MSVOA_V

ClientSampleId :

BFWT3

Tot Ion: 75 Resp: 8888

Ion Ratio Lower Upper

75 100

77 38.1 25.8 38.6

