

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018219.D
 Acq On : 15 Sep 2020 14:10
 Operator : SY/MD
 Sample : L4012-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFX07

Quant Time: Sep 16 05:46:43 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	179118	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	179498	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	84936	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92879	63.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.26%
7) Chloroethane-d5	1.58	69	86232	72.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	144.38%#
11) 1,1-Dichloroethene-d2	2.12	63	145900	54.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.98%
21) 2-Butanone-d5	3.90	46	141189	158.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	158.02%#
24) Chloroform-d	4.38	84	198775	78.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	156.96%#
26) 1,2-Dichloroethane-d4	5.06	65	132828	81.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	163.64%#
32) Benzene-d6	5.08	84	393476	76.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	153.14%#
36) 1,2-Dichloropropane-d6	6.09	67	129611	79.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	158.76%#
41) Toluene-d8	7.34	98	347258	74.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	148.30%#
43) trans-1,3-Dichloropropene-	7.64	79	62479	75.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	150.60%#
47) 2-Hexanone-d5	8.11	63	107560	173.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	173.92%#
57) 1,1,2,2-Tetrachloroethane-	10.23	84	172594	84.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	168.44%#
64) 1,2-Dichlorobenzene-d4	11.65	152	152805	87.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	175.20%#

Target Compounds

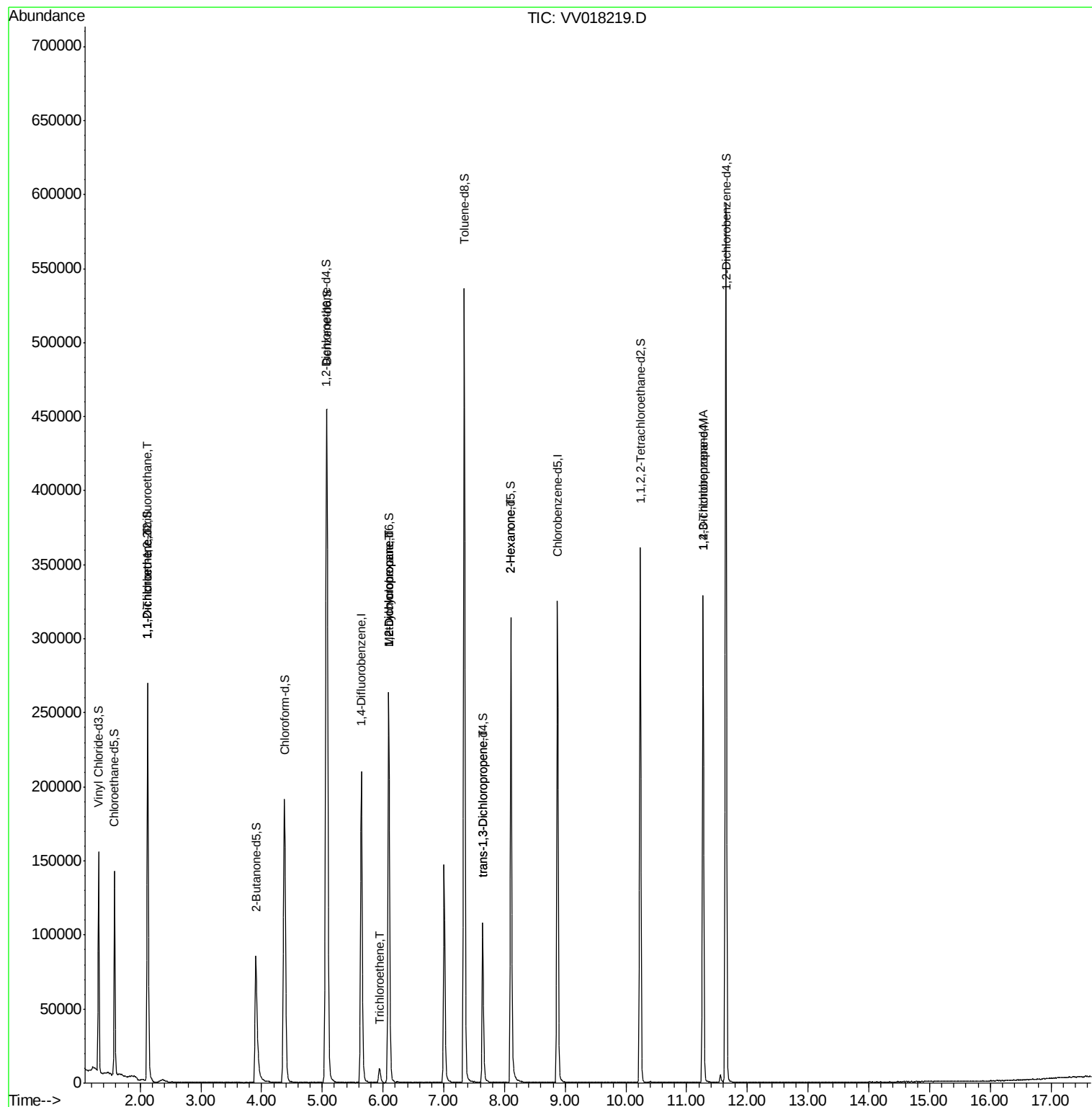
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1252	1.036 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1079	0.917 ug/L #	1
34) Trichloroethene	5.94	95	3003	2.148 ug/L	93
35) Methylcyclohexane	6.09	83	30451	14.466 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	14048	10.330 ug/L #	87
44) trans-1,3-Dichloropropene	7.64	75	2684	1.316 ug/L	85
48) 2-Hexanone	8.11	43	12312	9.466 ug/L #	65
59) 1,2,3-Trichloropropane	11.27	75	9587	5.994 ug/L	90

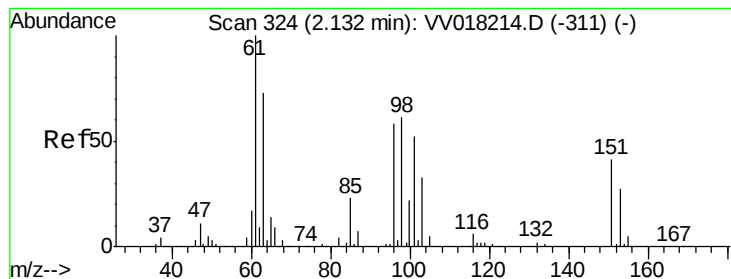
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 1.036 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018219.D

Acq: 15 Sep 2020 14:10

Instrument :

MSVOA_V

ClientSampled :

BFX07

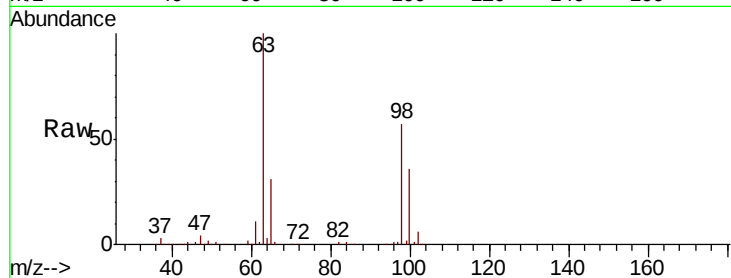
Tot Ion:101 Resp: 1252

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

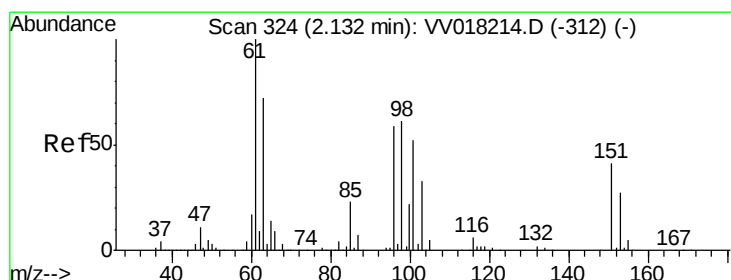
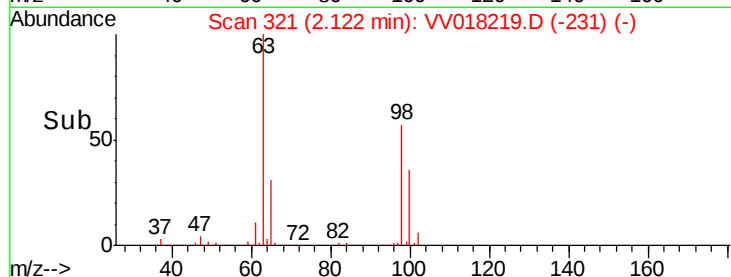
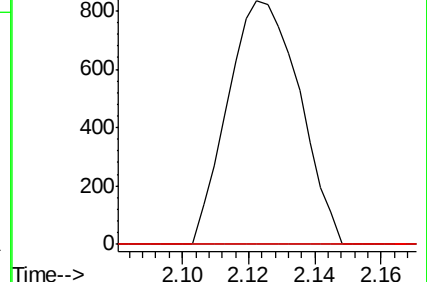
151 0.0 62.2 93.2#



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: 0.917 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018219.D

Acq: 15 Sep 2020 14:10

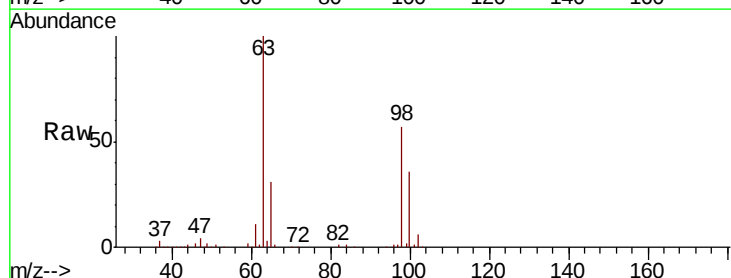
Tgt Ion: 96 Resp: 1079

Ion Ratio Lower Upper

96 100

61 1374.5 122.9 228.3#

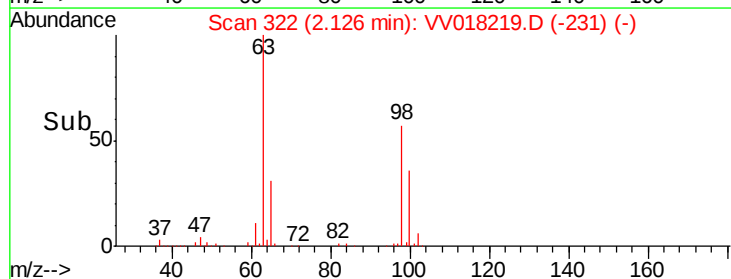
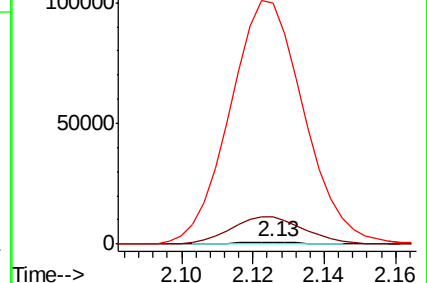
63 11996.1 91.9 170.7#

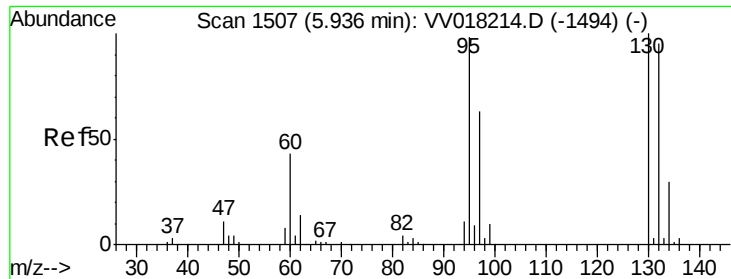


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#34

Trichloroethene

Concen: 2.148 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018219.D

Acq: 15 Sep 2020 14:10

Instrument :

MSVOA_V

ClientSampleId :

BFX07

Tot Ion: 95 Resp: 3003

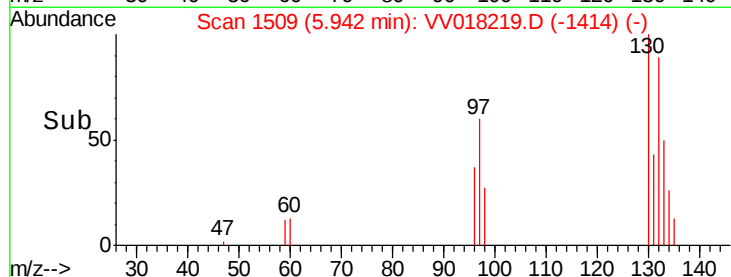
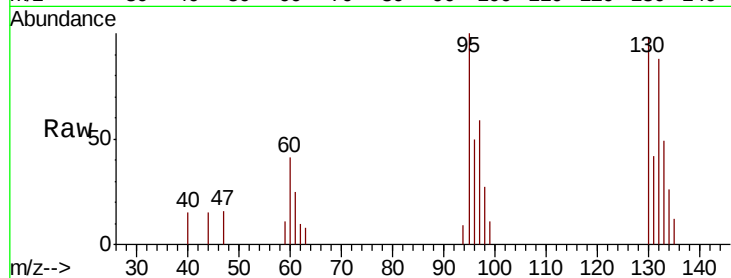
Ion Ratio Lower Upper

95 100

97 59.2 46.3 85.9

132 88.0 68.1 126.5

130 98.5 71.5 132.9

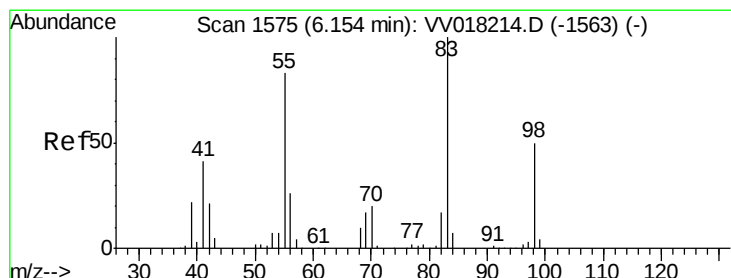
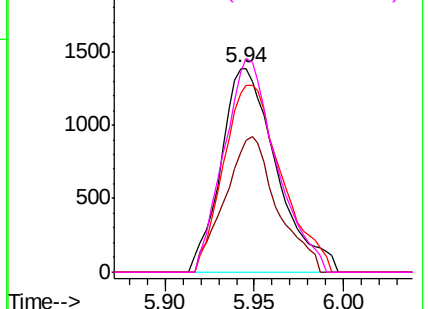


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 14.466 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018219.D

Acq: 15 Sep 2020 14:10

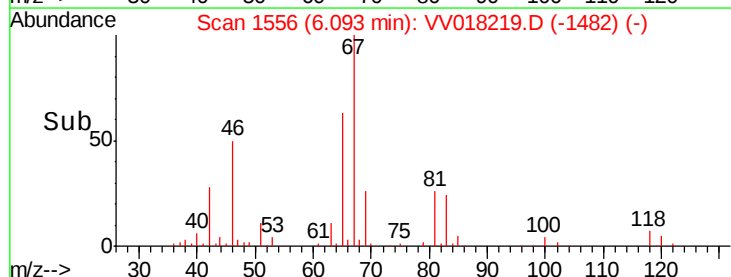
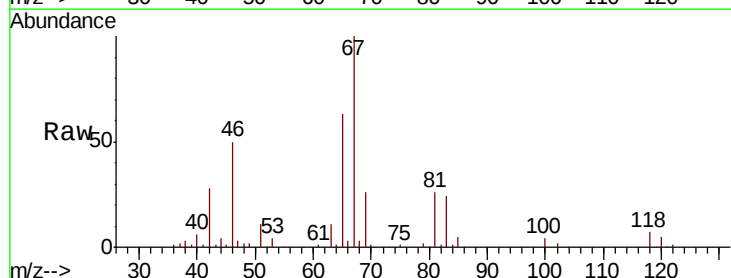
Tgt Ion: 83 Resp: 30451

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

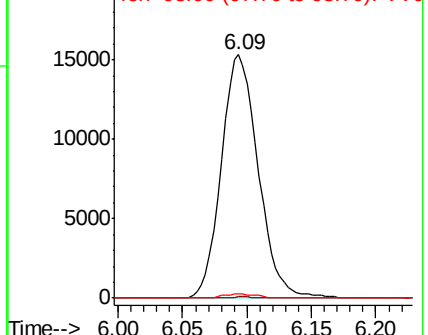
98 1.5 38.8 58.2#

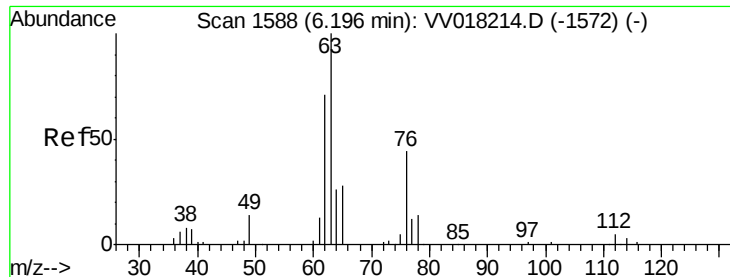


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

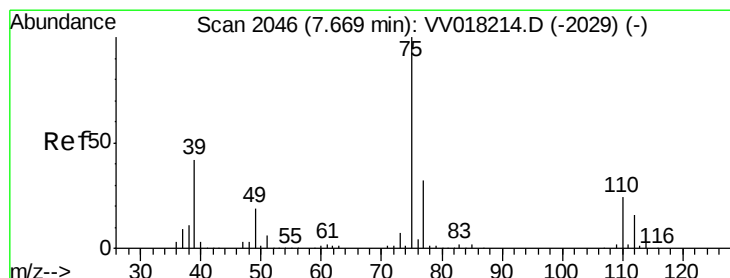
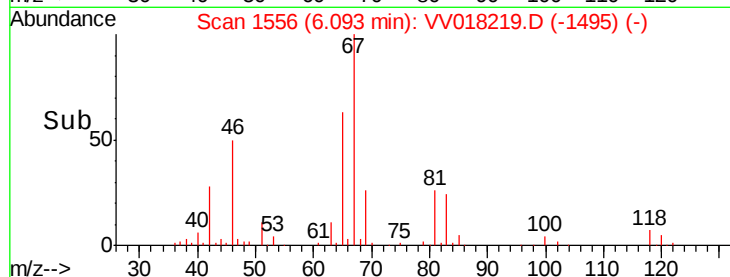
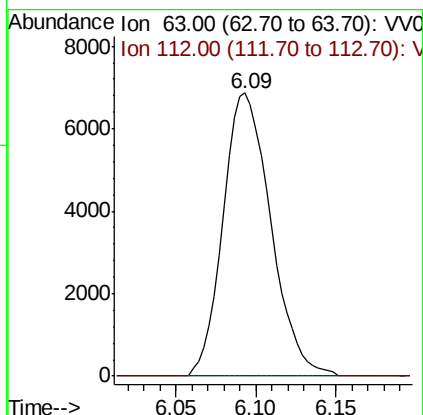
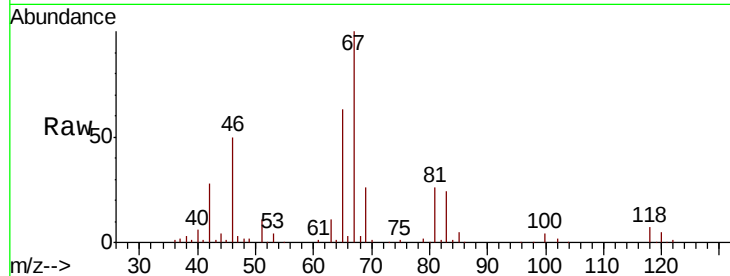




#37
 1,2-Dichloropropane
 Concen: 10.330 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018219.D
 Acq: 15 Sep 2020 14:10

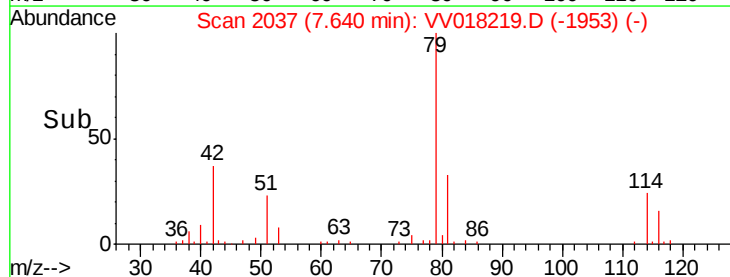
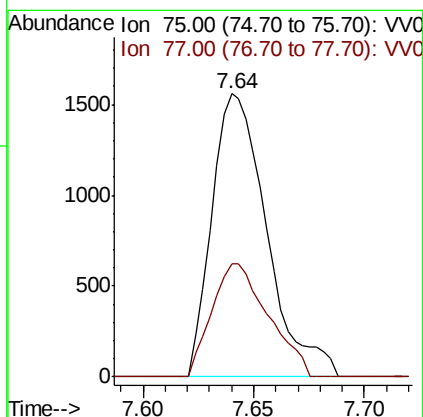
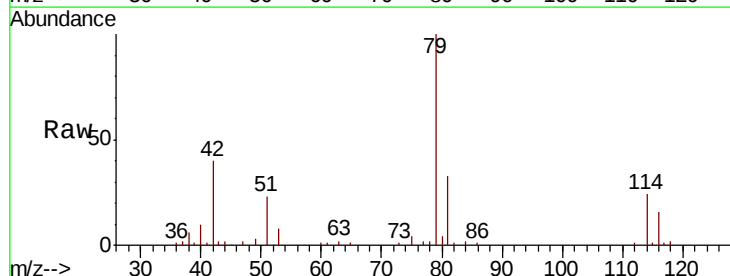
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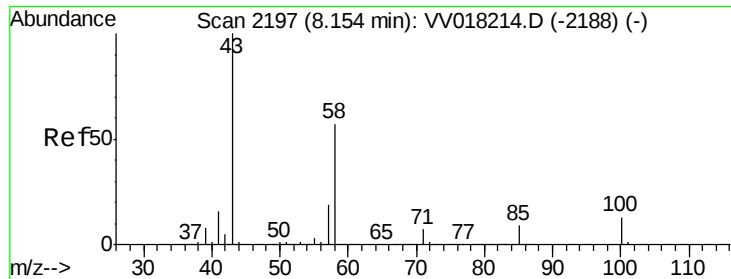
Tot Ion: 63 Resp: 14048
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#44
 trans-1,3-Dichloropropene
 Concen: 1.316 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV018219.D
 Acq: 15 Sep 2020 14:10

Tgt Ion: 75 Resp: 2684
 Ion Ratio Lower Upper
 75 100
 77 40.0 22.3 41.5

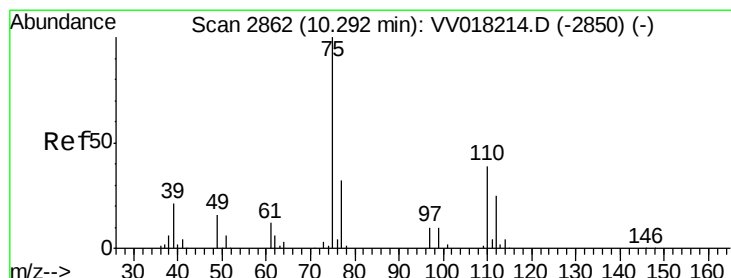
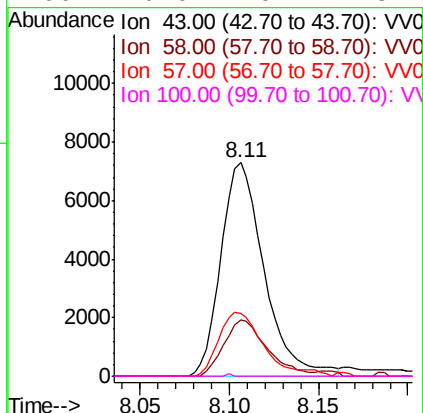
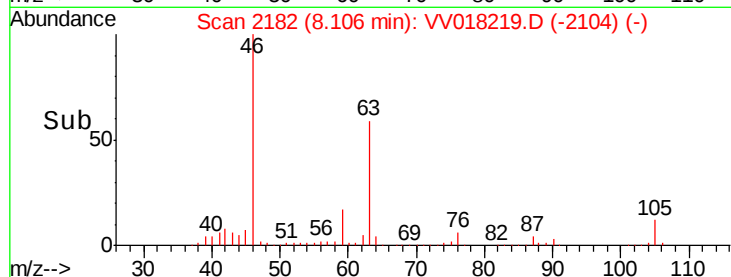
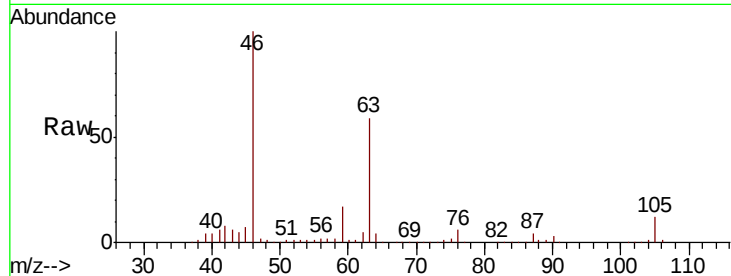




#48
2-Hexanone
Concen: 9.466 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV018219.D
Acq: 15 Sep 2020 14:10

Instrument :
MSVOA_V
ClientSampleId :
BFX07

Tot Ion	Ratio	Lower	Upper
43	100		
58	26.4	44.8	67.2#
57	30.1	15.8	23.6#
100	0.0	10.2	15.4#



#59
1,2,3-Trichloropropane
Concen: 5.994 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018219.D
Acq: 15 Sep 2020 14:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.8	38.6

