

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018177.D
 Acq On : 10 Sep 2020 13:53
 Operator : SY/MD
 Sample : L3957-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWQ8

Quant Time: Sep 11 01:31:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	261382	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	258691	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126694	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111581	52.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.76%
7) Chloroethane-d5	1.58	69	96665	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.92%
11) 1,1-Dichloroethene-d2	2.12	63	161716	41.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.78%
21) 2-Butanone-d5	3.91	46	153902	118.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.04%
24) Chloroform-d	4.38	84	206019	55.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.48%
26) 1,2-Dichloroethane-d4	5.06	65	139496	58.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.76%
32) Benzene-d6	5.08	84	421798	56.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.92%
36) 1,2-Dichloropropane-d6	6.09	67	136689	58.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.18%
41) Toluene-d8	7.34	98	376520	55.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.58%
43) trans-1,3-Dichloropropene-	7.64	79	66677	55.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.52%
47) 2-Hexanone-d5	8.11	63	106311	119.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174852	59.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	162720	62.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.08%#

Target Compounds

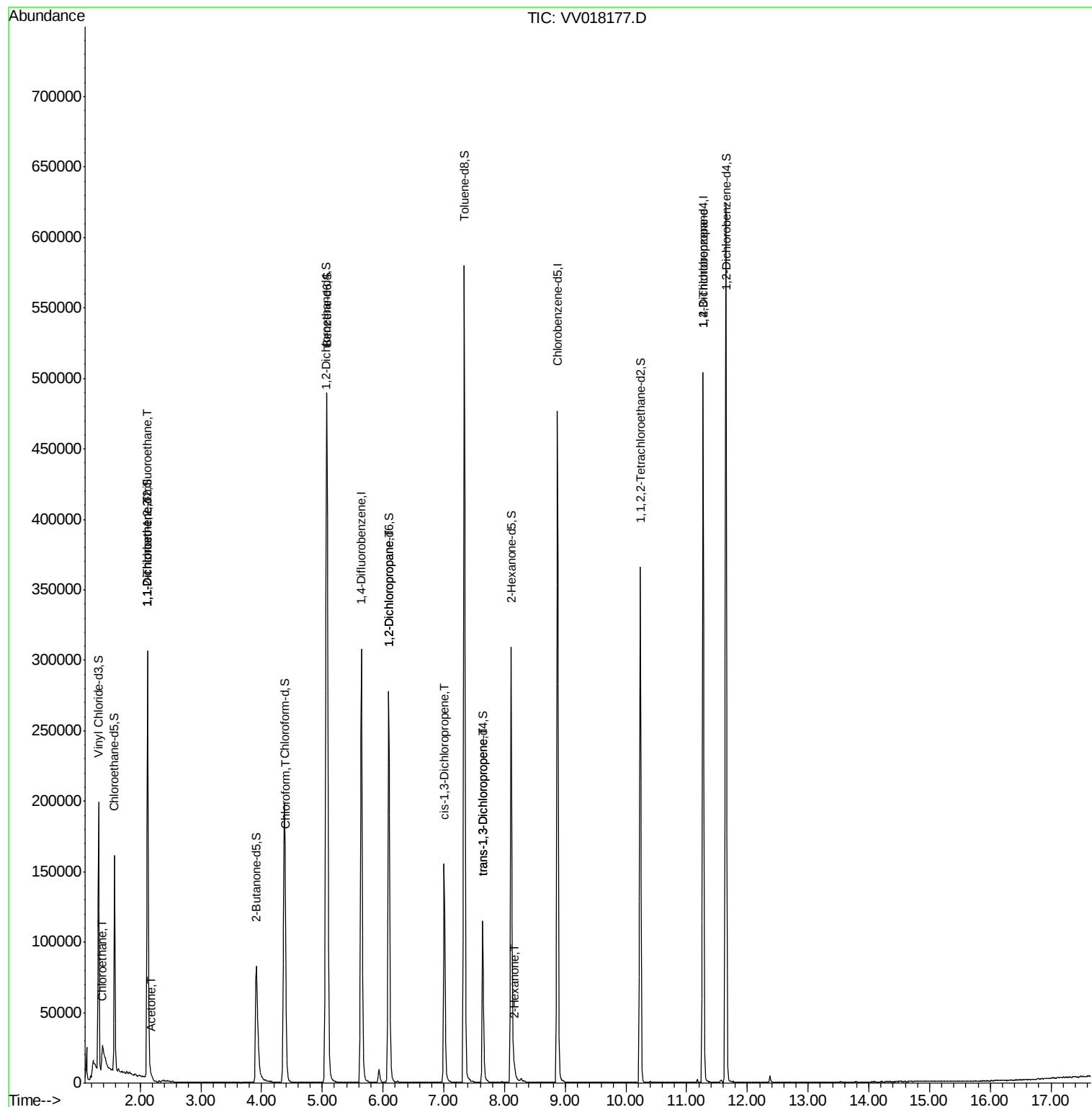
					Ovalue
8) Chloroethane	1.38	64	45505	34.037 ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1590	0.901 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1400	0.816 ug/L #	1
13) Acetone	2.20	43	2978	2.852 ug/L	89
25) Chloroform	4.40	83	4128	1.214 ug/L	77
37) 1,2-Dichloropropane	6.09	63	14486	7.391 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3616	1.197 ug/L #	69
44) trans-1,3-Dichloropropene	7.64	75	2835	0.964 ug/L	99
48) 2-Hexanone	8.17	43	4375	2.334 ug/L #	39
59) 1,2,3-Trichloropropane	11.27	75	14362	6.230 ug/L	92

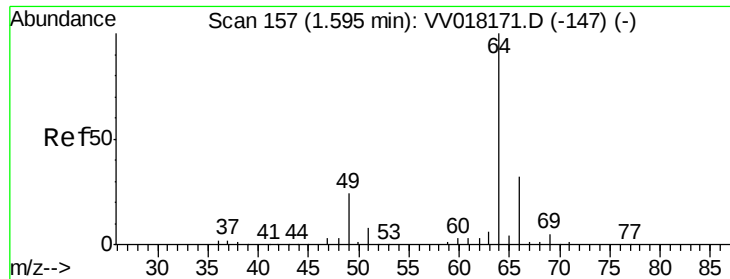
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 34.037 ug/L

RT: 1.38 min Scan# 90

Delta R.T. -0.22 min

Lab File: VV018177.D

Acq: 10 Sep 2020 13:53

Instrument :

MSVOA_V

ClientSampleId :

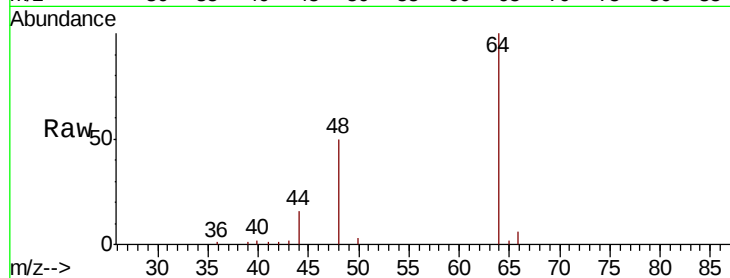
BFWQ8

Tot Ion: 64.00 Resp: 45505

Ion Ratio Lower Upper

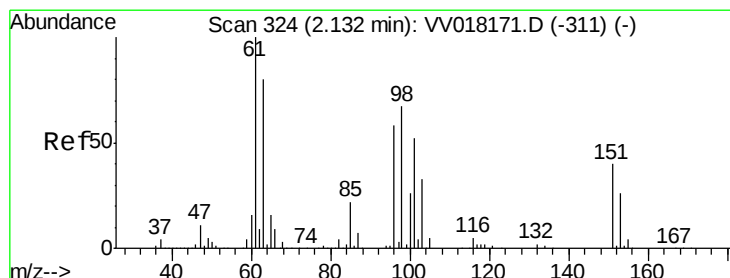
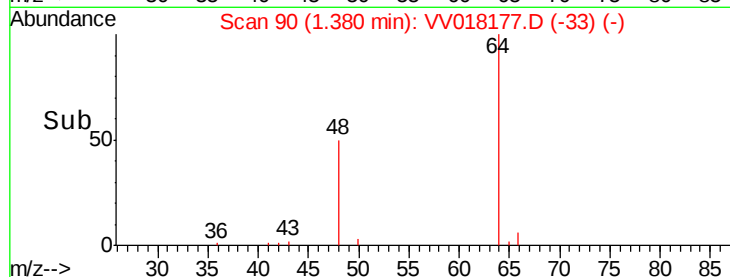
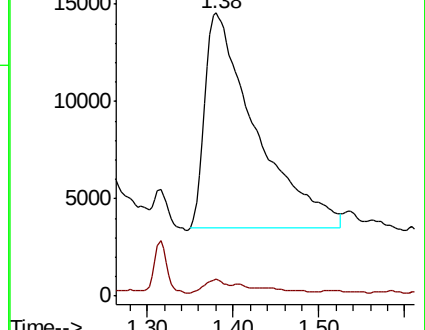
64 100

66 5.8 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VV018177.D (-147) (-)

Ion 66.00 (65.70 to 66.70): VV018177.D (-147) (-)



#10

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

Concen: 0.901 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018177.D

Acq: 10 Sep 2020 13:53

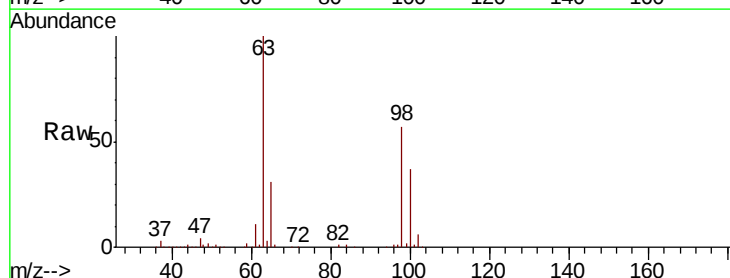
Tgt Ion: 101 Resp: 1590

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

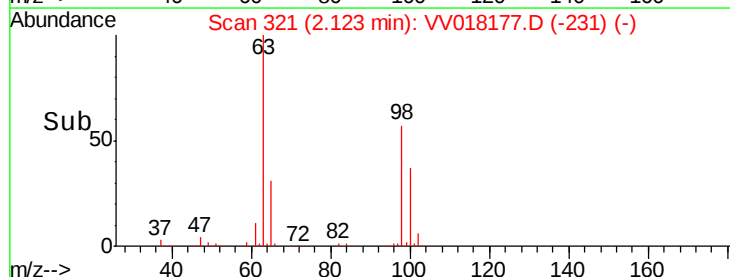
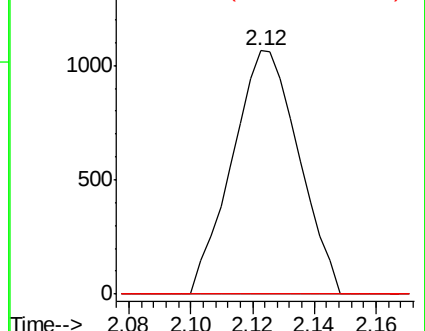
151 0.0 62.2 93.2#

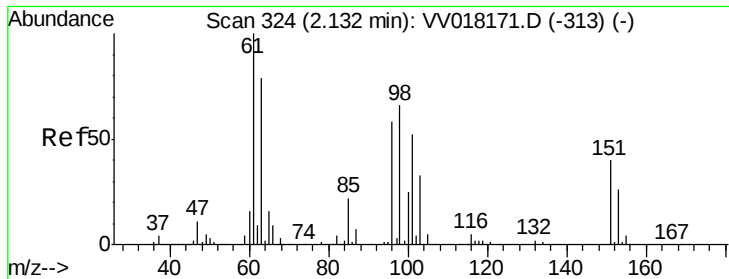


Abundance Ion 101.00 (100.70 to 101.70): VV018177.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV018177.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV018177.D (-231) (-)





#12

1,1-Dichloroethene

Concen: 0.816 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018177.D

Acq: 10 Sep 2020 13:53

Instrument :
MSVOA_V
ClientSampled :
BFWQ8

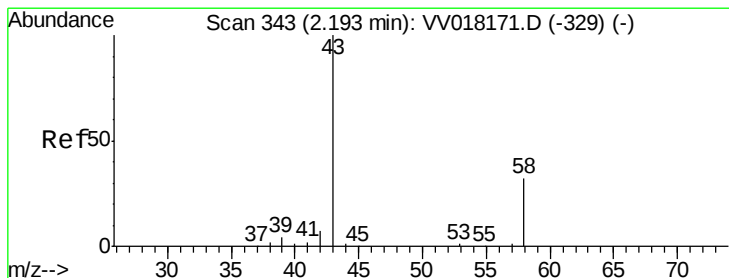
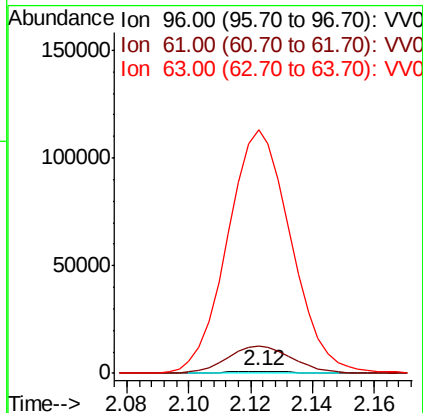
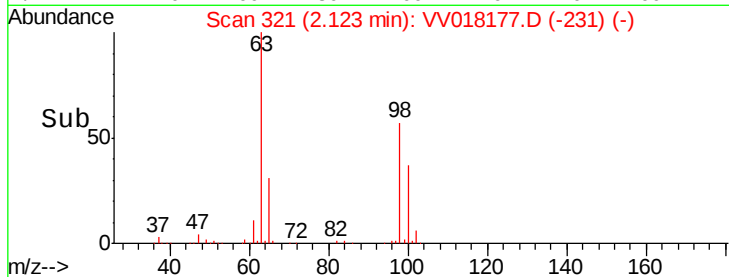
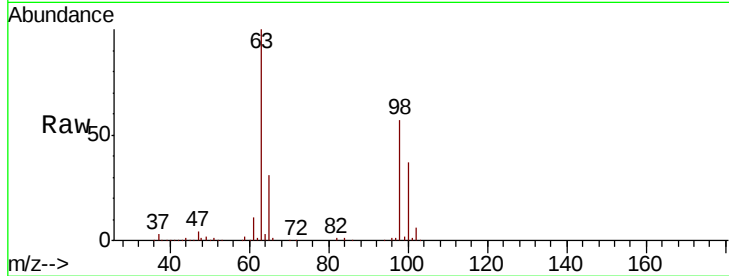
Tot Ion: 96 Resp: 1400

Ion Ratio Lower Upper

96 100

61 1369.8 122.9 228.3#

63 11972.0 91.9 170.7#



#13

Acetone

Concen: 2.852 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV018177.D

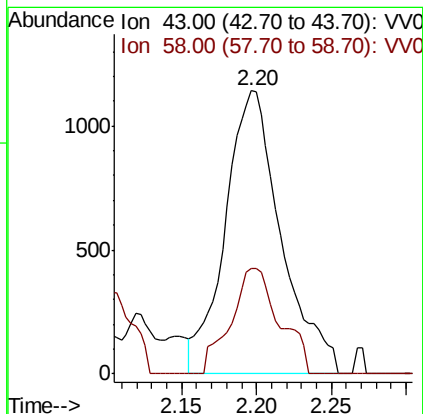
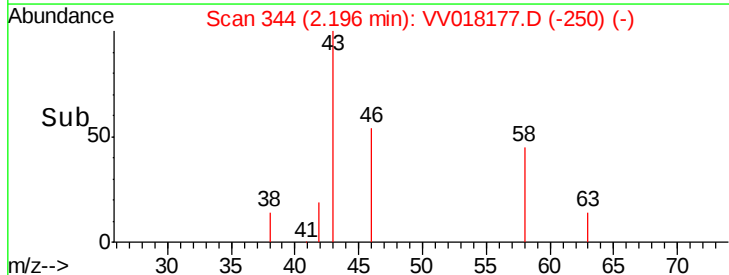
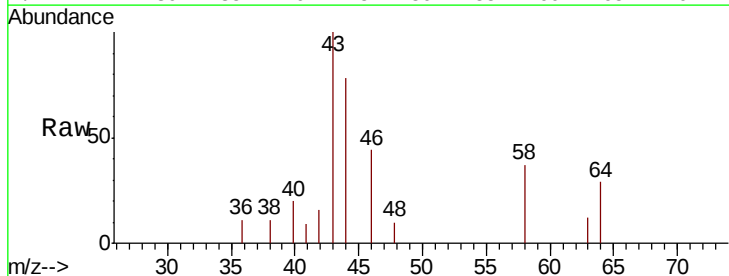
Acq: 10 Sep 2020 13:53

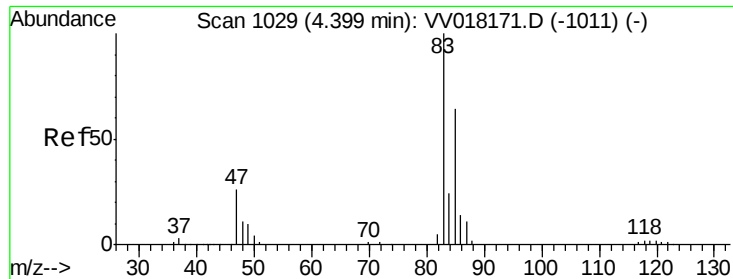
Tgt Ion: 43 Resp: 2978

Ion Ratio Lower Upper

43 100

58 27.2 0.0 67.4

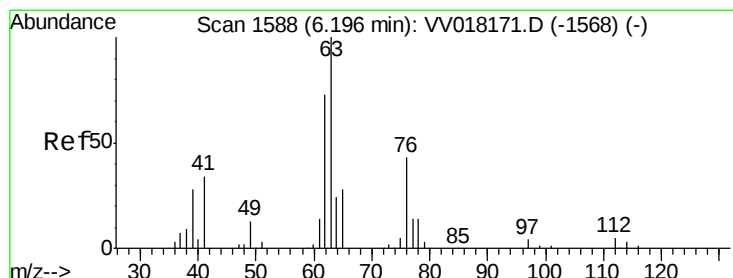
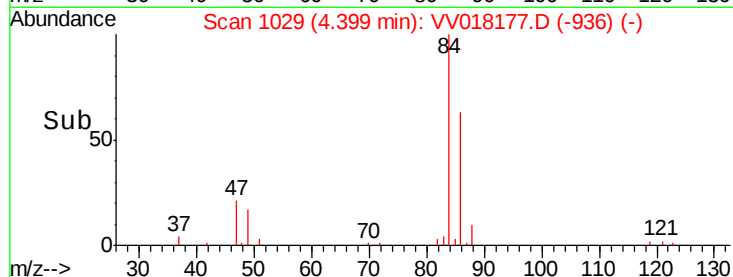
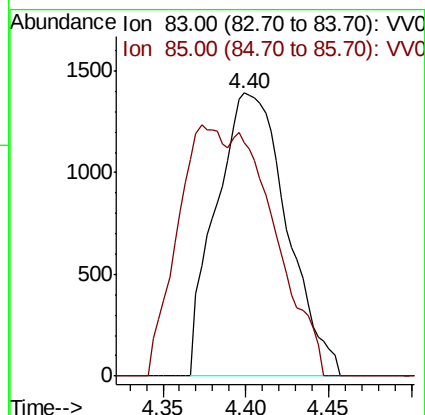
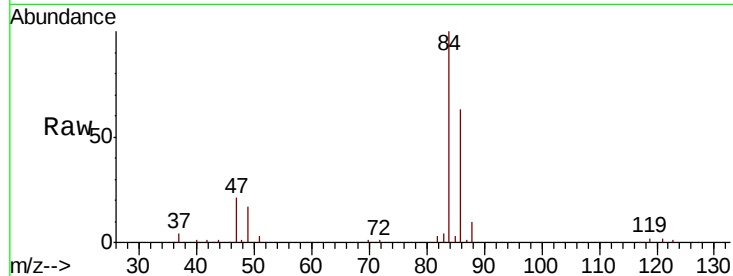




#25
Chloroform
Concen: 1.214 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018177.D
Acq: 10 Sep 2020 13:53

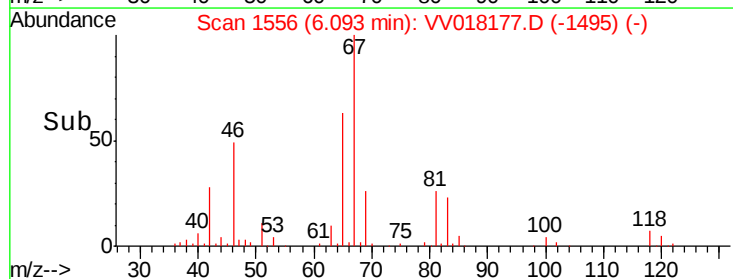
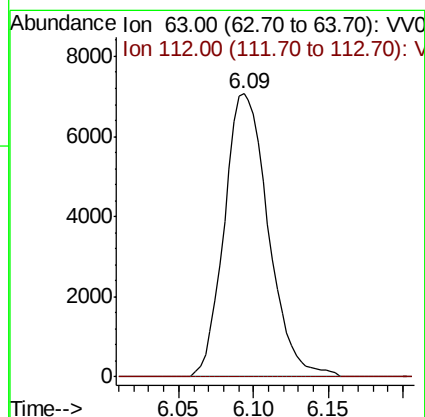
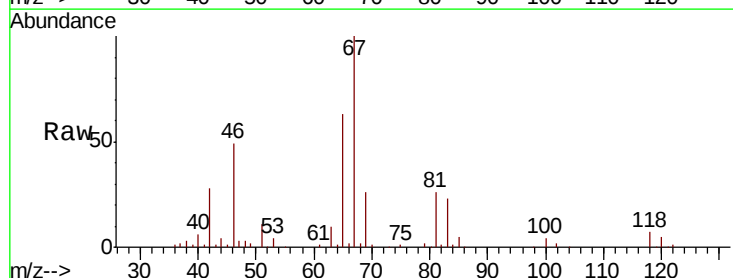
Instrument :
MSVOA_V
ClientSampleId :
BFWQ8

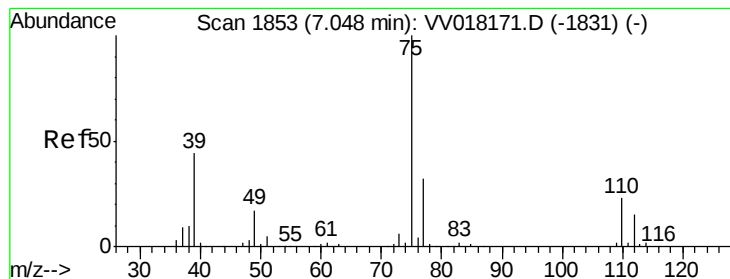
Tot Ion: 83 Resp: 4128
Ion Ratio Lower Upper
83 100
85 82.4 45.0 83.6



#37
1,2-Dichloropropane
Concen: 7.391 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018177.D
Acq: 10 Sep 2020 13:53

Tgt Ion: 63 Resp: 14486
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 1.197 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018177.D

Acq: 10 Sep 2020 13:53

Instrument :

MSVOA_V

ClientSampleId :

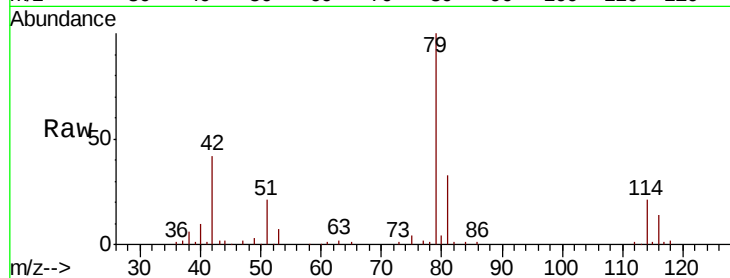
BFWQ8

Tot Ion: 75 Resp: 3616

Ion Ratio Lower Upper

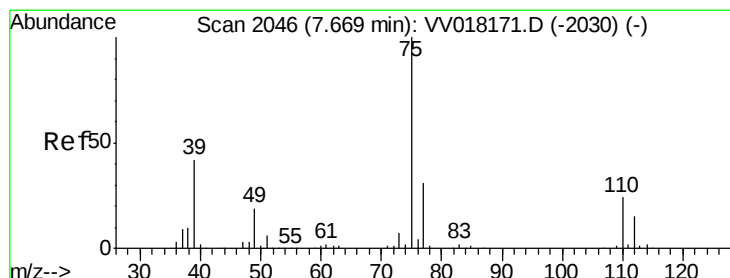
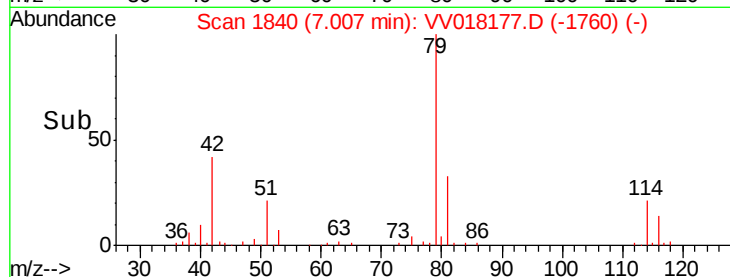
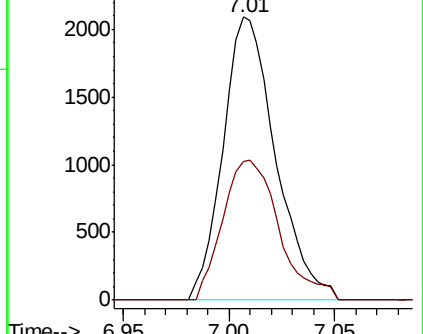
75 100

77 49.2 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.964 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV018177.D

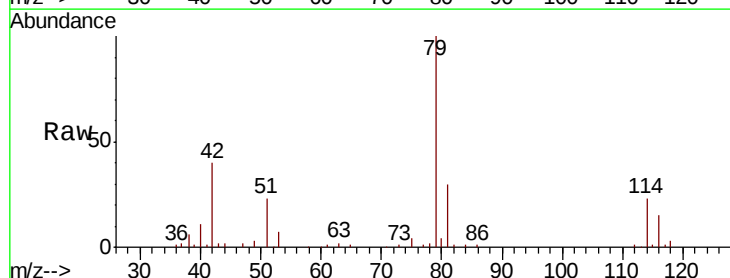
Acq: 10 Sep 2020 13:53

Tgt Ion: 75 Resp: 2835

Ion Ratio Lower Upper

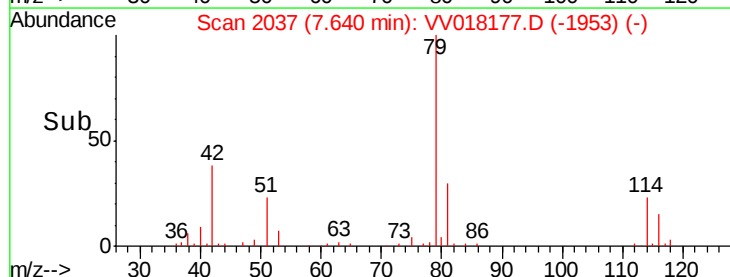
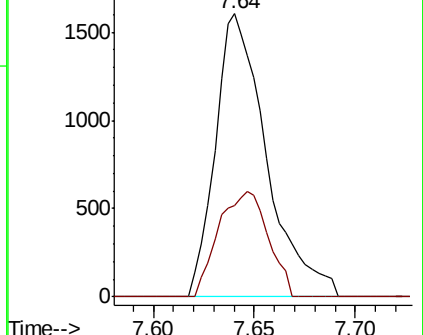
75 100

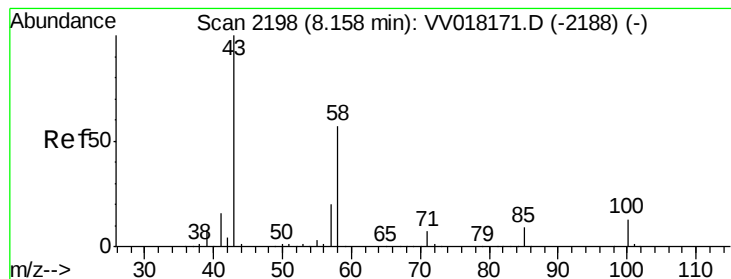
77 32.5 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 2.334 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV018177.D

Acq: 10 Sep 2020 13:53

Instrument :
MSVOA_V
ClientSampleId :
BFWQ8

Tot Ion: 43 Resp: 4375

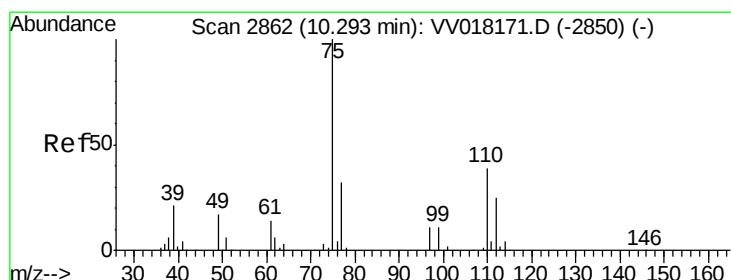
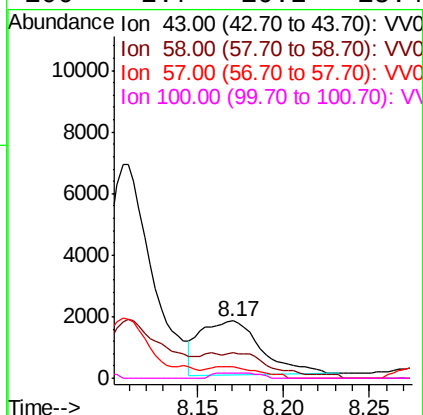
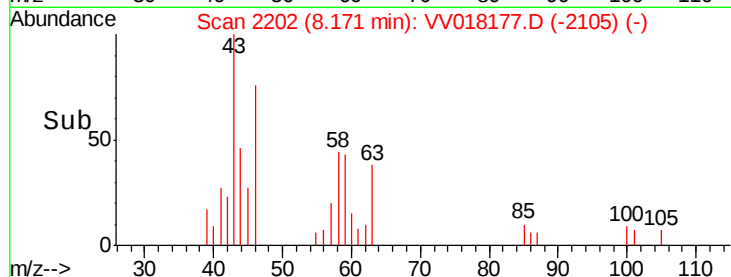
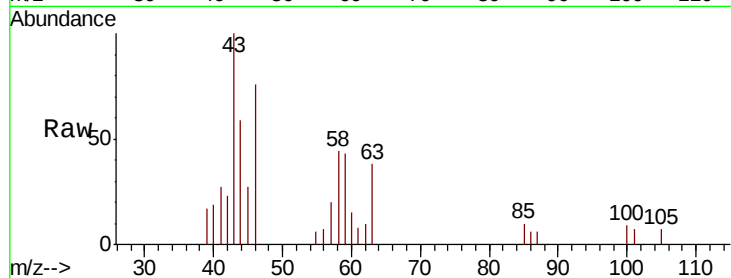
Ion Ratio Lower Upper

43 100

58 0.0 44.8 67.2#

57 1.8 15.8 23.6#

100 2.7 10.2 15.4#



#59

1,2,3-Trichloropropane

Concen: 6.230 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018177.D

Acq: 10 Sep 2020 13:53

Tgt Ion: 75 Resp: 14362

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.6

