

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017461.D
 Acq On : 13 Jul 2020 11:44
 Operator : SY/MD
 Sample : L3270-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 05:16:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	256389	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	242604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117043	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80248	60.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.24%
7) Chloroethane-d5	1.58	69	60429	64.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	128.90%
11) 1,1-Dichloroethene-d2	2.12	63	131178	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.82%
21) 2-Butanone-d5	3.91	46	102834	112.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.80%
24) Chloroform-d	4.38	84	169891	55.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.06%
26) 1,2-Dichloroethane-d4	5.06	65	125183	59.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.14%
32) Benzene-d6	5.08	84	306986	58.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.16%
36) 1,2-Dichloropropane-d6	6.09	67	87599	58.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.10%
41) Toluene-d8	7.34	98	291356	57.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.66%
43) trans-1,3-Dichloropropene-	7.64	79	49400	56.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.48%
47) 2-Hexanone-d5	8.11	63	66183	106.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	108619	51.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	119593	61.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.22%#

Target Compounds

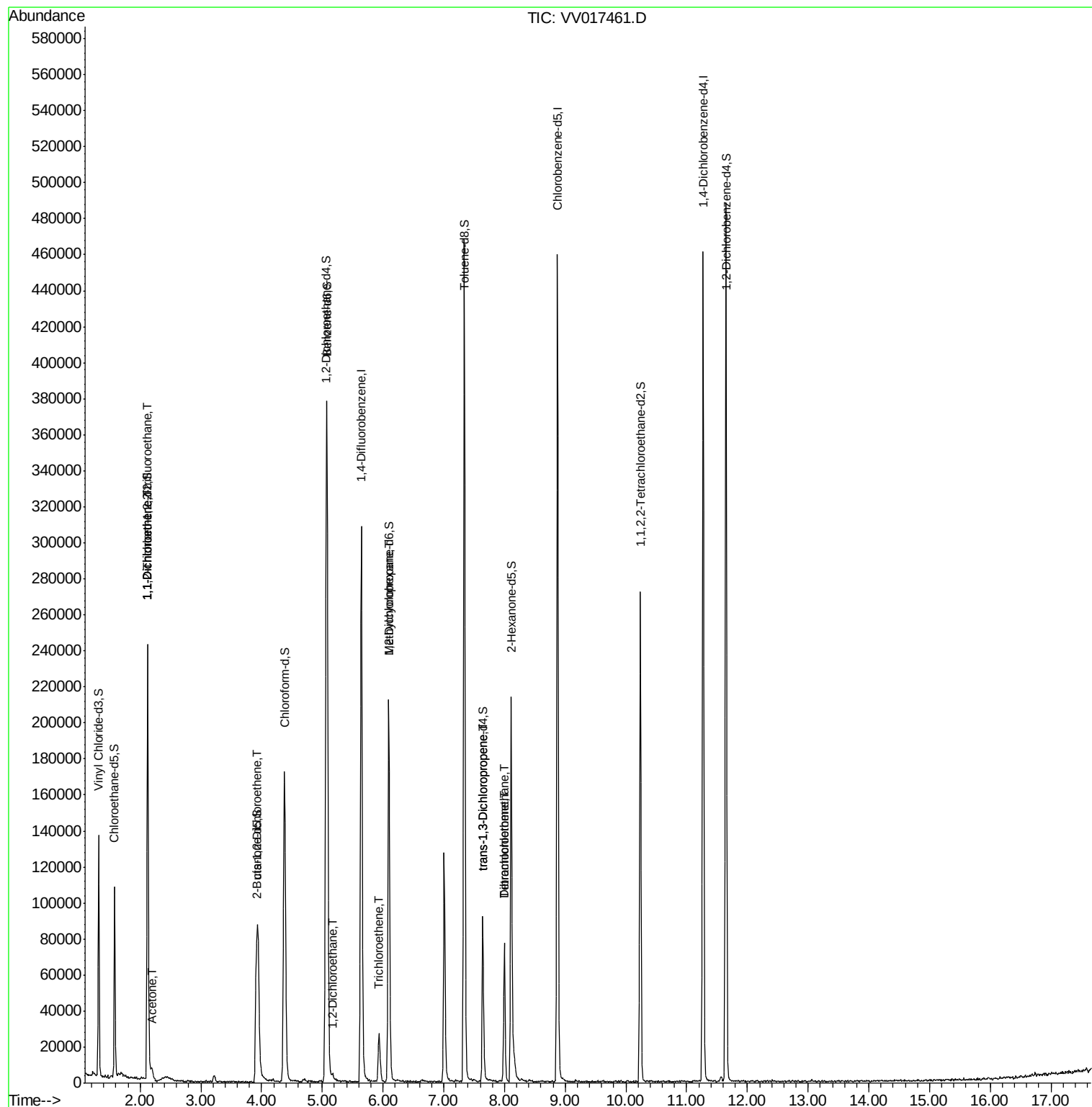
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1338	0.786	ug/L #	16
12) 1,1-Dichloroethene	2.13	96	1337	0.868	ug/L #	1
13) Acetone	2.19	43	8508	6.856	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	32812	18.287	ug/L	92
27) 1,2-Dichloroethane	5.17	62	2543	0.837	ug/L #	77
34) Trichloroethene	5.94	95	4692	2.464	ug/L	83
35) Methylcyclohexane	6.09	83	24218	8.686	ug/L #	19
44) trans-1,3-Dichloropropene	7.64	75	2613	0.945	ug/L	83
46) Tetrachloroethene	8.00	164	17557	10.982	ug/L	95
49) Dibromochloromethane	8.00	129	14864	7.001	ug/L #	10

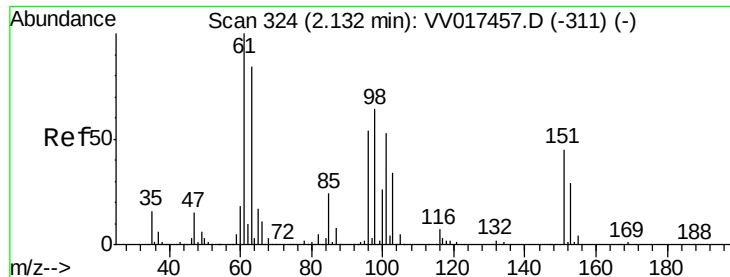
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.786 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

Instrument :

MSVOA_V

ClientSampled :

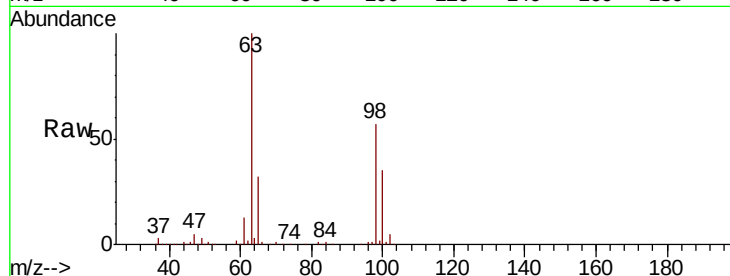
Tot Ion:101 Resp: 1338

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.4#

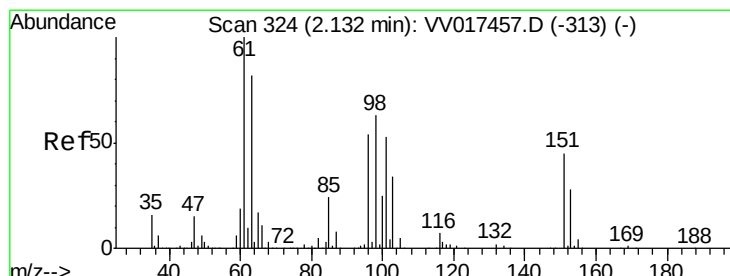
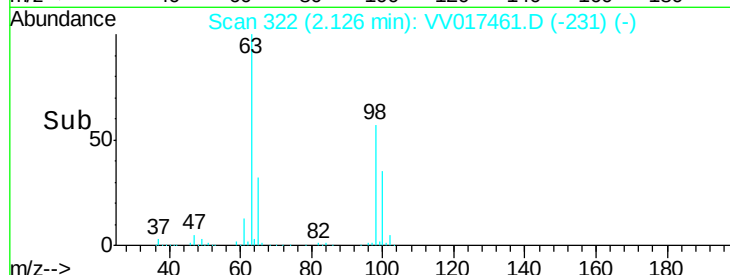
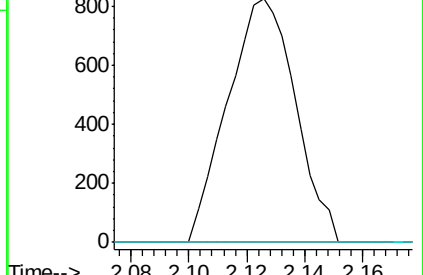
151 0.0 66.8 100.2#



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: 0.868 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

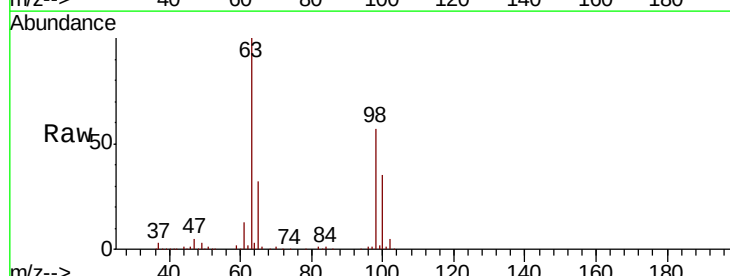
Tgt Ion: 96 Resp: 1337

Ion Ratio Lower Upper

96 100

61 1273.9 132.7 246.4#

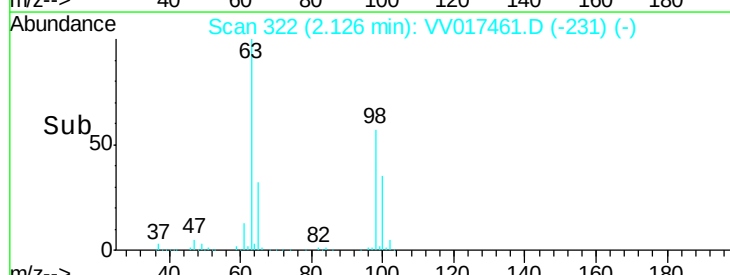
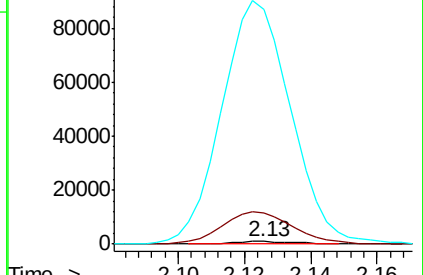
63 9642.5 103.3 191.8#

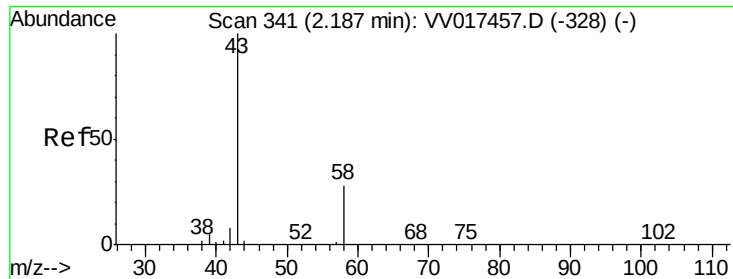


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 6.856 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

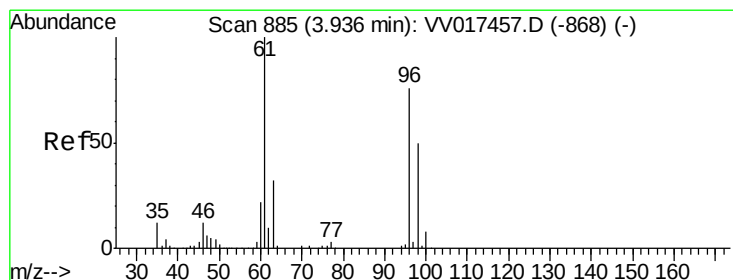
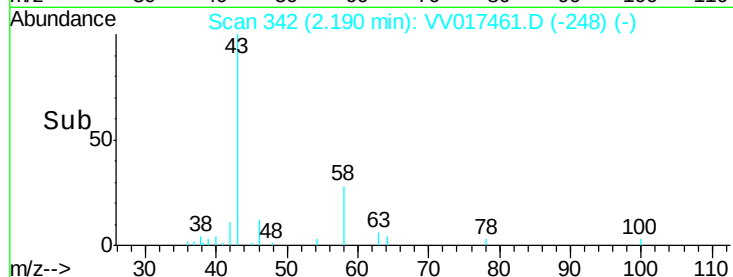
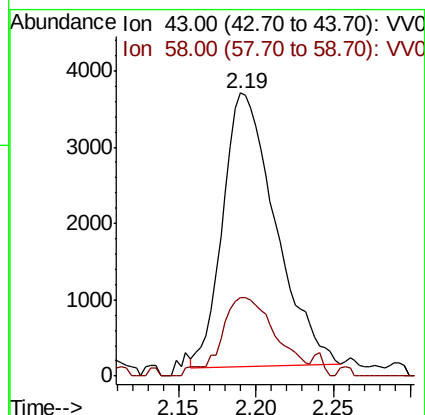
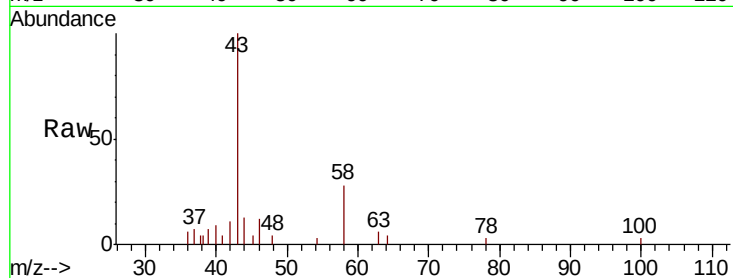
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8508

Ion Ratio Lower Upper

43 100

58 28.7 0.0 56.0



#20

cis-1,2-Dichloroethene

Concen: 18.287 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

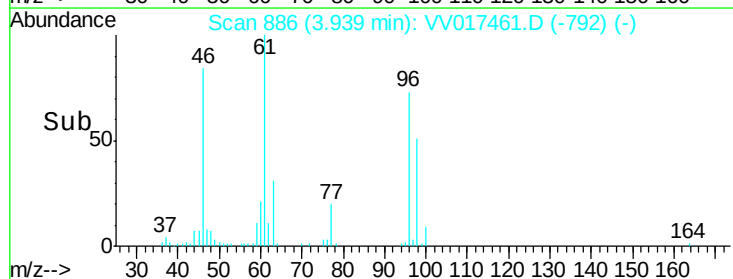
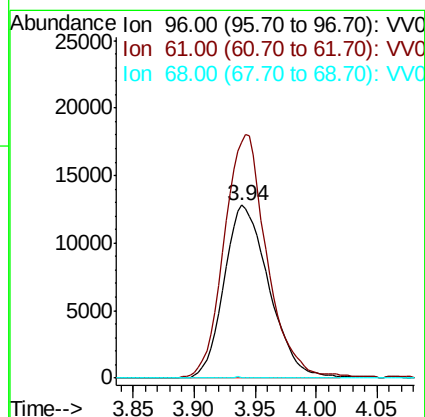
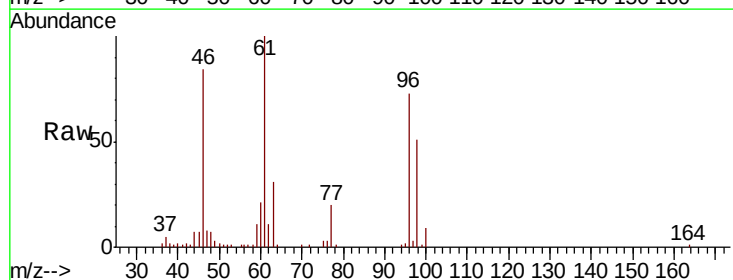
Tgt Ion: 96 Resp: 32812

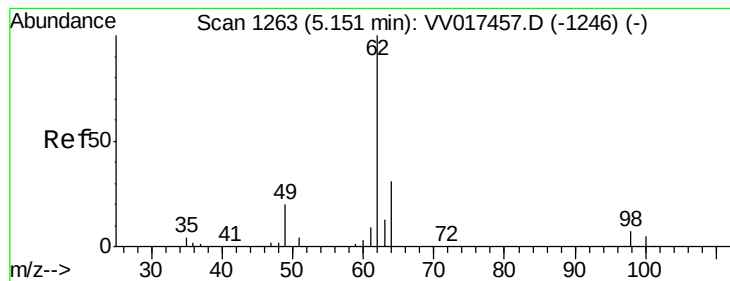
Ion Ratio Lower Upper

96 100

61 136.7 88.9 165.1

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.837 ug/L

RT: 5.17 min Scan# 1270

Delta R.T. 0.02 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

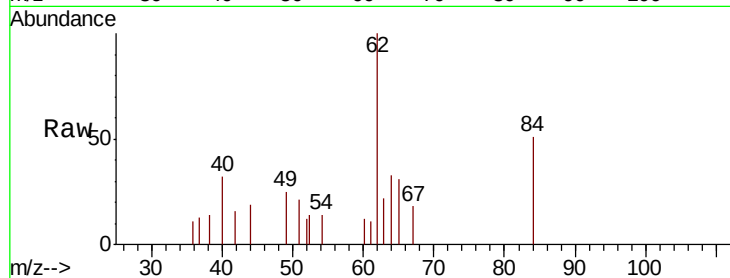
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 2543

Ion Ratio Lower Upper

62 100

98 0.0 6.4 9.6#



Abundance Ion 62.00 (61.70 to 62.70): VV017457.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV017457.D (-1246) (-)

5.17

1000

800

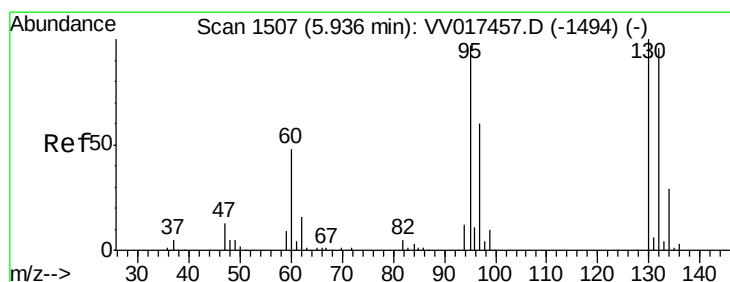
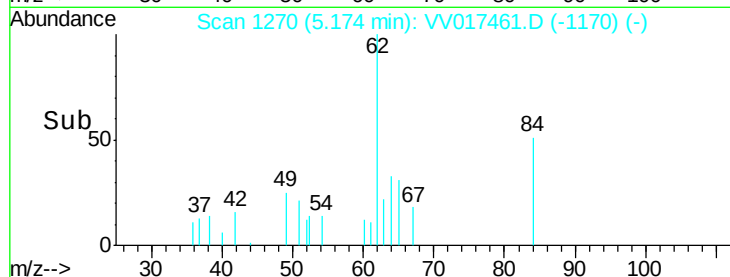
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 2.464 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

Tgt Ion: 95 Resp: 4692

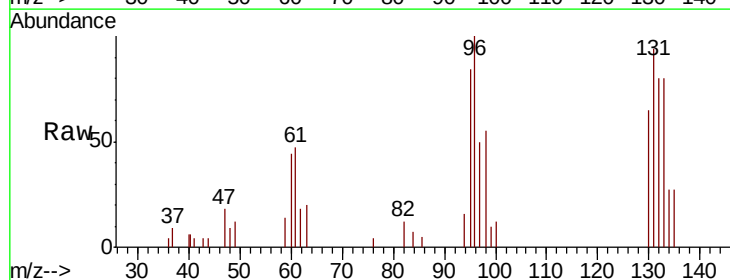
Ion Ratio Lower Upper

95 100

97 59.0 45.6 84.6

132 94.5 74.1 137.5

130 76.8 75.5 140.3



Abundance Ion 95.00 (94.70 to 95.70): VV017457.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017457.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017457.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017457.D (-1494) (-)

5.94

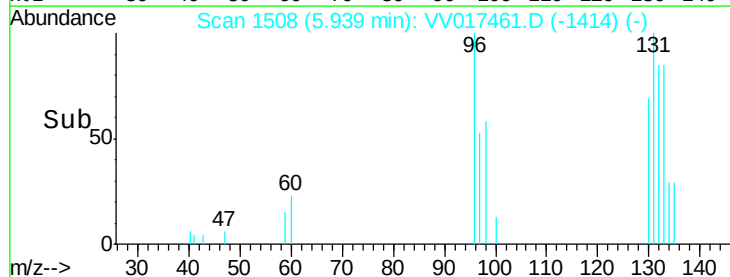
3000

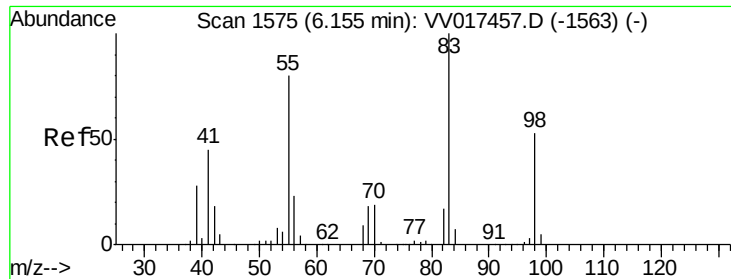
2000

1000

0

Time-->

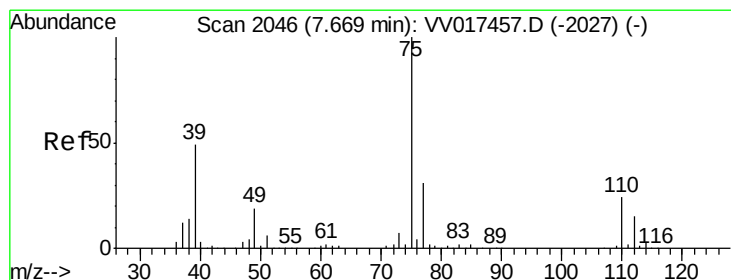
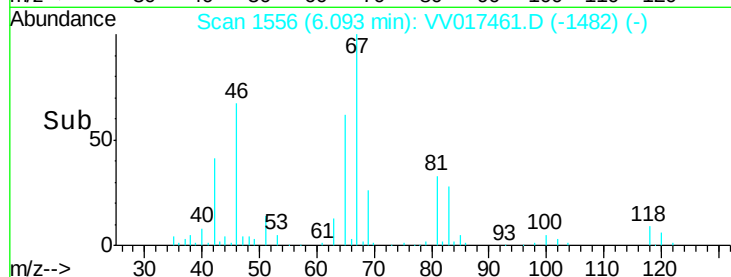
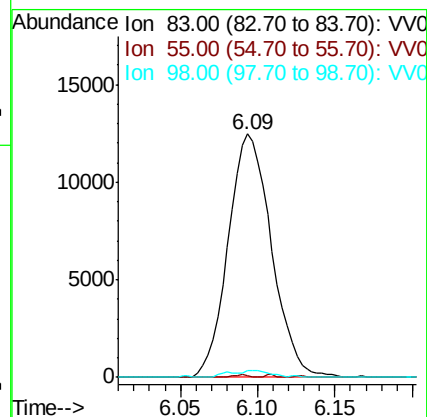
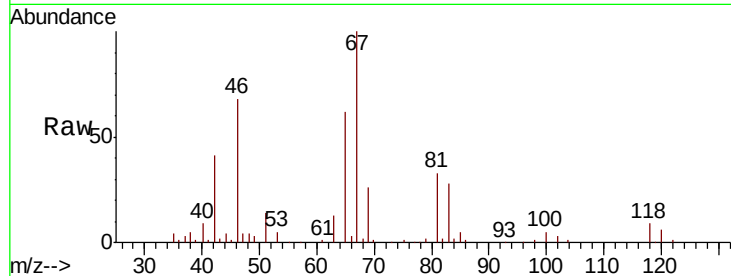




#35
Methylvlcyclohexane
Concen: 8.686 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017461.D
Acq: 13 Jul 2020 11:44

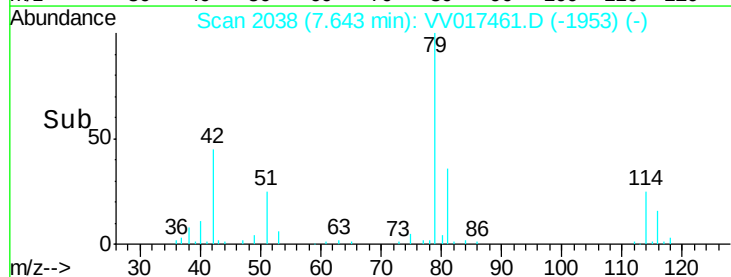
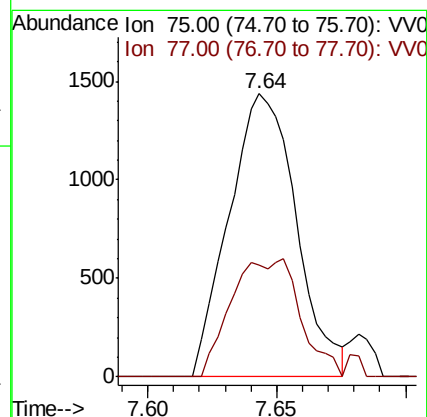
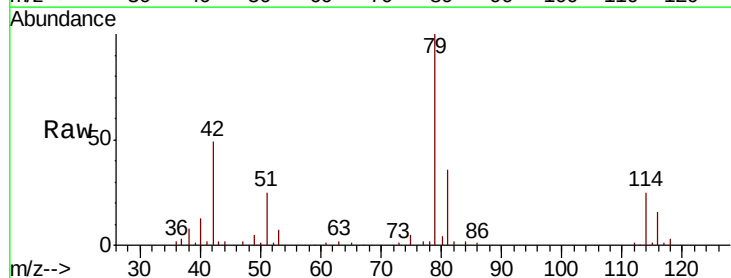
Instrument :
MSVOA_V
ClientSampleId :

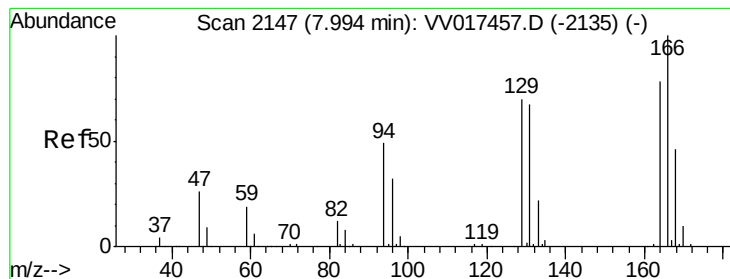
Tot Ion: 83 Resp: 24218
Ion Ratio Lower Upper
83 100
55 0.4 61.0 91.6#
98 1.7 41.3 61.9#



#44
trans-1,3-Dichloropropene
Concen: 0.945 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017461.D
Acq: 13 Jul 2020 11:44

Tgt Ion: 75 Resp: 2613
Ion Ratio Lower Upper
75 100
77 39.5 21.3 39.5





#46

Tetrachloroethene

Concen: 10.982 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 17557

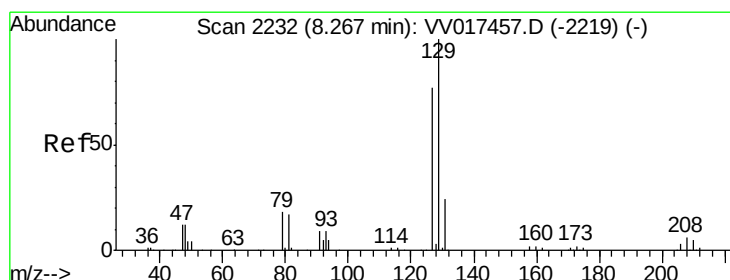
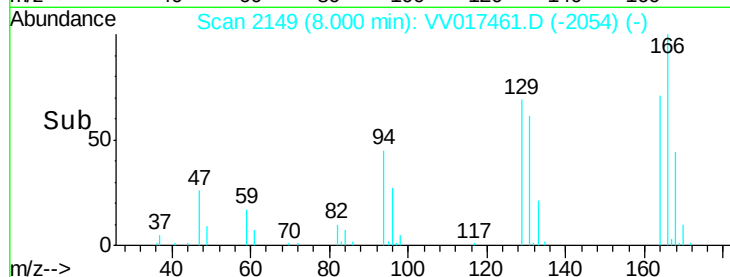
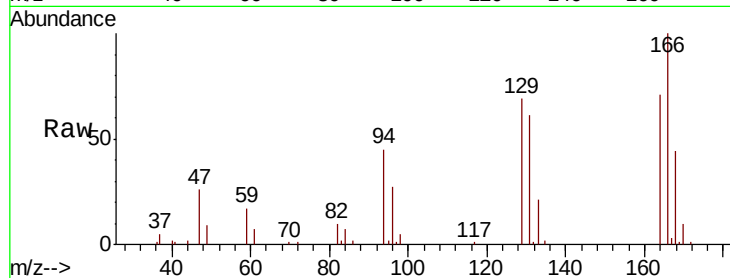
Ion Ratio Lower Upper

164 100

129 96.1 66.6 123.8

131 85.3 65.5 121.7

166 140.0 93.9 174.5



#49

Dibromochloromethane

Concen: 7.001 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

Tgt Ion:129 Resp: 14864

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

