

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018561.D
 Acq On : 30 Sep 2020 11:56
 Operator : SY/MD
 Sample : L4149-14DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N8DL

Quant Time: Oct 01 07:40:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	334881	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166169	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88061	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.68%
7) Chloroethane-d5	1.58	69	86524	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.56%
11) 1,1-Dichloroethene-d2	2.12	63	149222	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.58%
21) 2-Butanone-d5	3.92	46	145495	99.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.31%
24) Chloroform-d	4.38	84	201206	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	5.06	65	136775	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.46%
32) Benzene-d6	5.07	84	404924	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
36) 1,2-Dichloropropane-d6	6.09	67	125940	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.12%
41) Toluene-d8	7.34	98	369232	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%
43) trans-1,3-Dichloropropene-	7.64	79	64352	47.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.70%
47) 2-Hexanone-d5	8.11	63	86614	90.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149388	44.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	165858	51.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

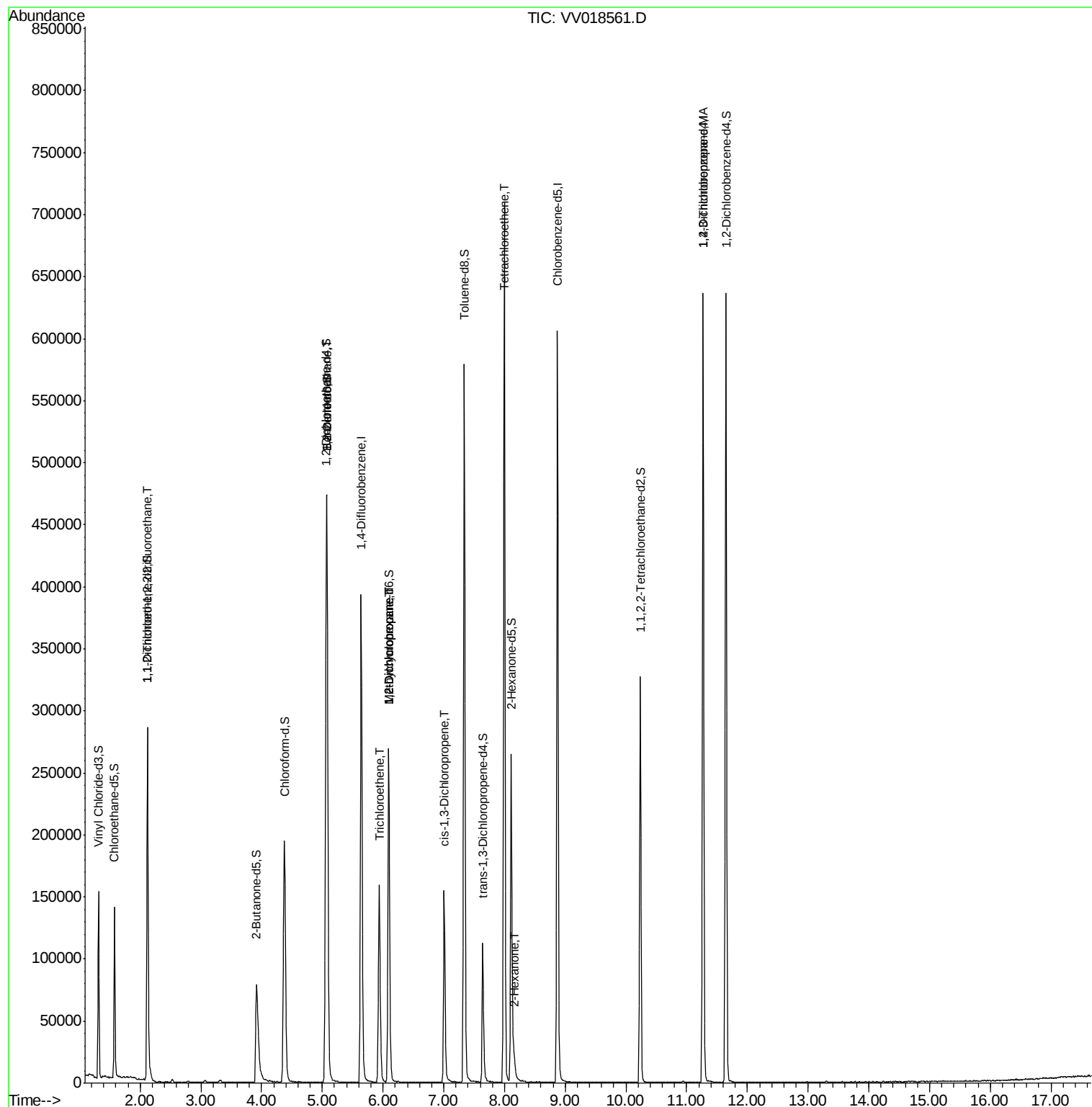
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1559	0.715 ug/L #	17
27) 1,2-Dichloroethane	5.07	62	2722	0.790 ug/L	98
34) Trichloroethene	5.94	95	48752	17.388 ug/L	98
35) Methylcyclohexane	6.09	83	32114	8.491 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	14420	5.820 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	4086	1.051 ug/L #	69
46) Tetrachloroethene	8.00	164	158322	69.603 ug/L	97
48) 2-Hexanone	8.16	43	10042	4.025 ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	18705	6.206 ug/L	90

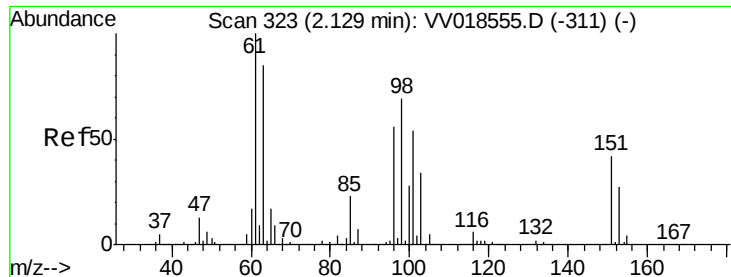
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 07:39:17 2020
Response via : Initial Calibration





#10

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

Concen: 0.715 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018561.D

Acq: 30 Sep 2020 11:56

Instrument :

MSVOA_V

ClientSampleId :

BG3N8DL

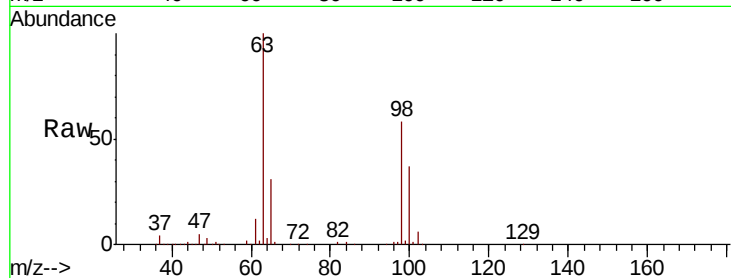
Tot Ion:101 Resp: 1559

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

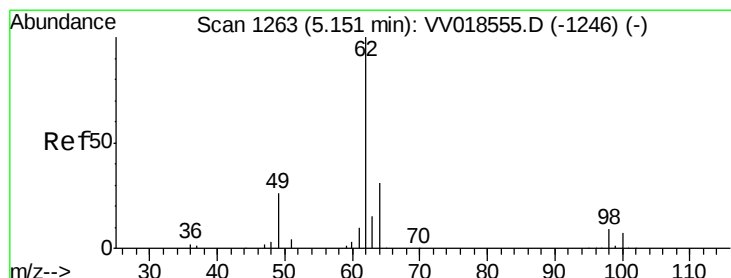
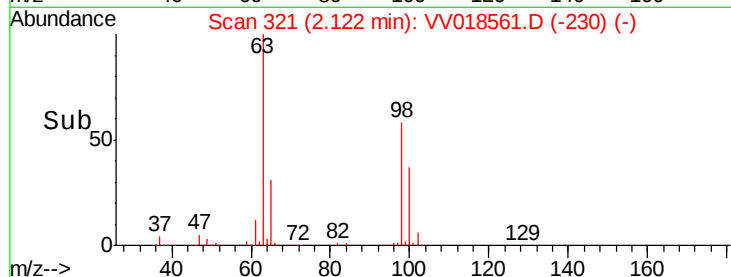
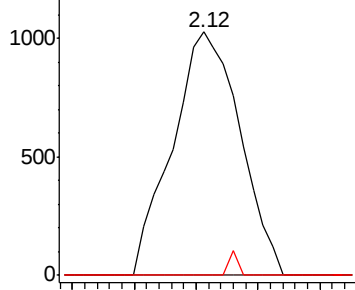
151 0.0 64.3 96.5#



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



#27

1,2-Dichloroethane

Concen: 0.790 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018561.D

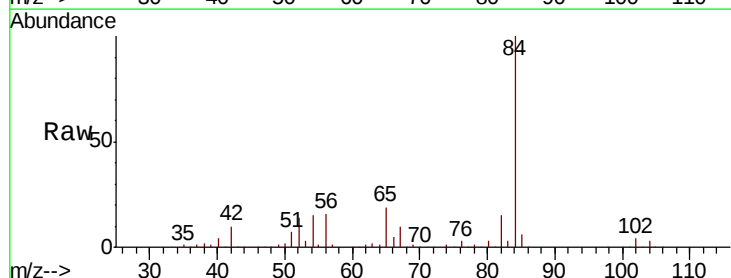
Acq: 30 Sep 2020 11:56

Tgt Ion: 62 Resp: 2722

Ion Ratio Lower Upper

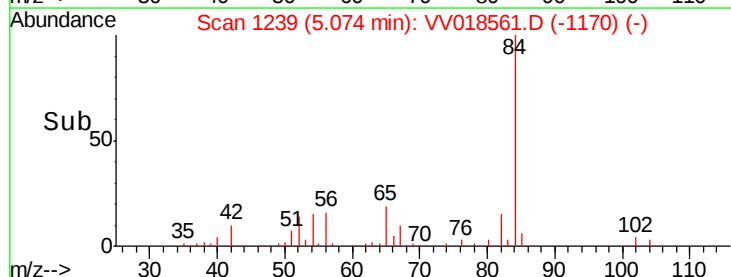
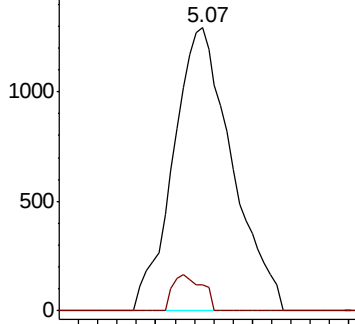
62 100

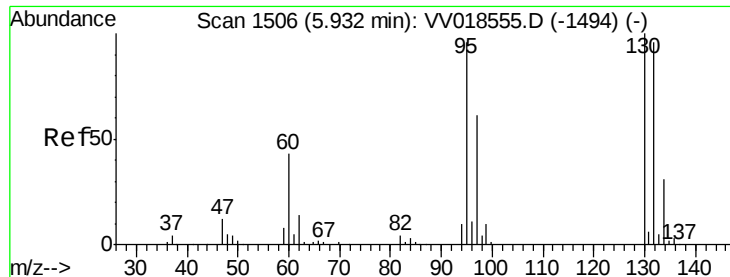
98 9.0 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#34

Trichloroethene

Concen: 17.388 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018561.D

Acq: 30 Sep 2020 11:56

Instrument :

MSVOA_V

ClientSampled :

BG3N8DL

Tot Ion: 95 Resp: 48752

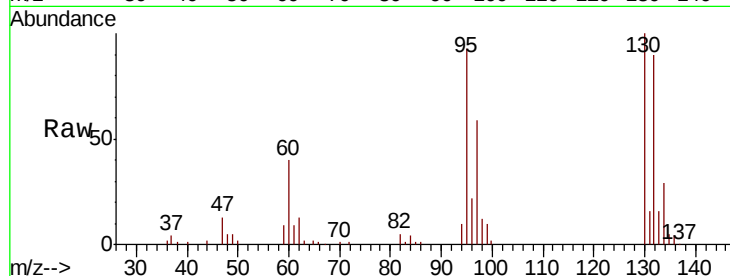
Ion Ratio Lower Upper

95 100

97 63.8 45.9 85.3

132 96.9 70.8 131.4

130 107.5 75.3 139.8

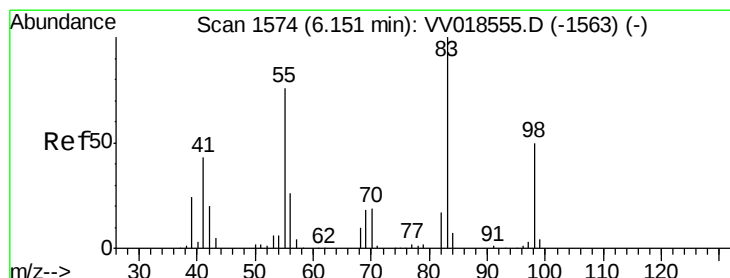
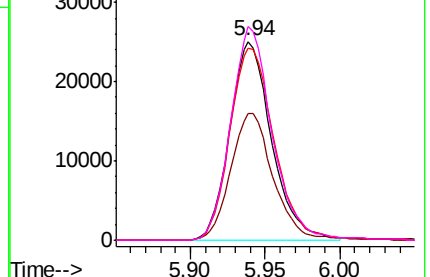
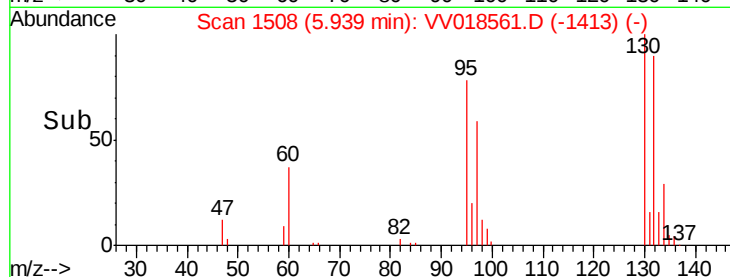


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 8.491 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018561.D

Acq: 30 Sep 2020 11:56

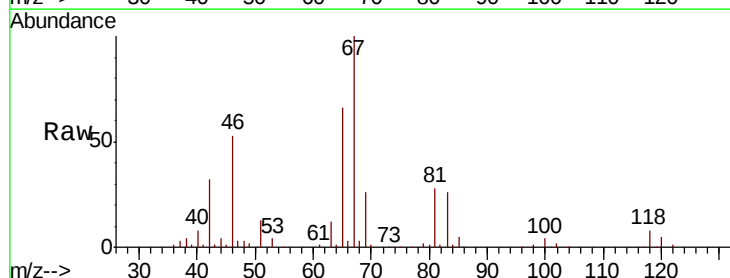
Tgt Ion: 83 Resp: 32114

Ion Ratio Lower Upper

83 100

55 0.2 60.1 90.1#

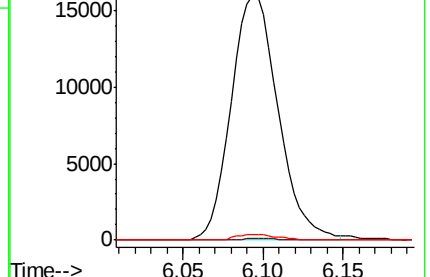
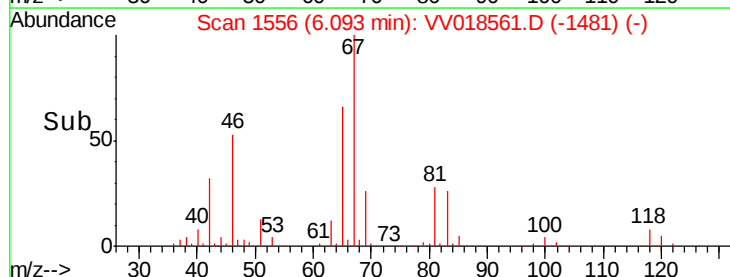
98 1.9 40.2 60.4#

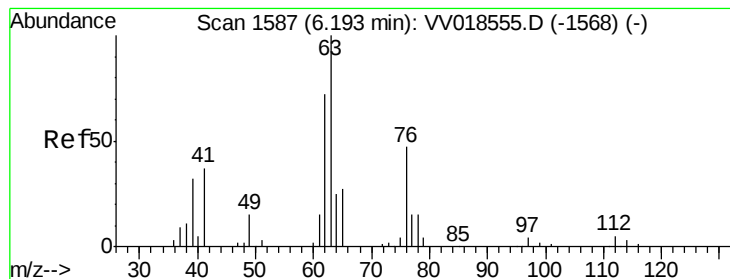


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 5.820 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018561.D

Acq: 30 Sep 2020 11:56

Instrument :

MSVOA_V

ClientSampleId :

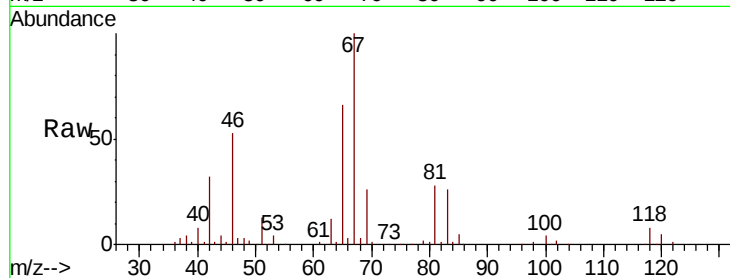
BG3N8DL

Tot Ion: 63 Resp: 14420

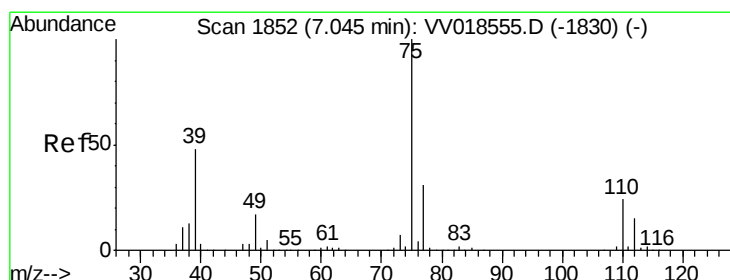
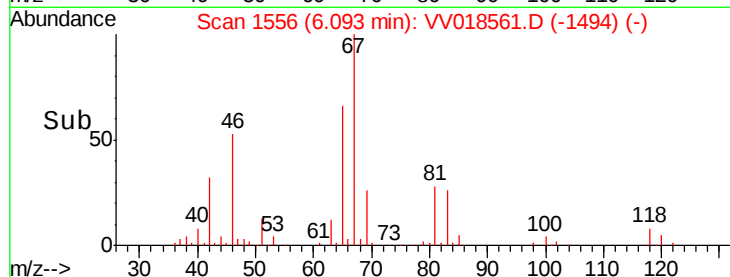
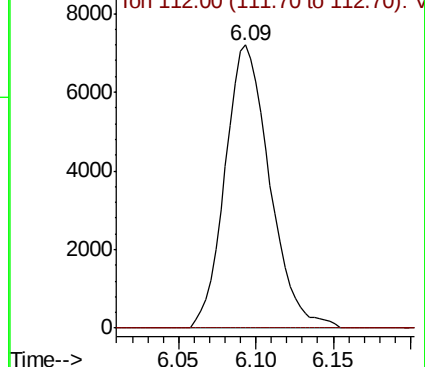
Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV018555.D (-1568) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.051 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018561.D

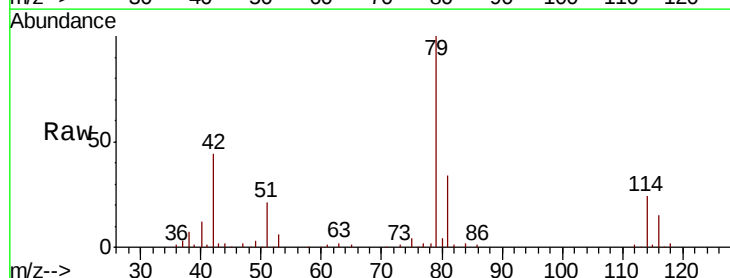
Acq: 30 Sep 2020 11:56

Tgt Ion: 75 Resp: 4086

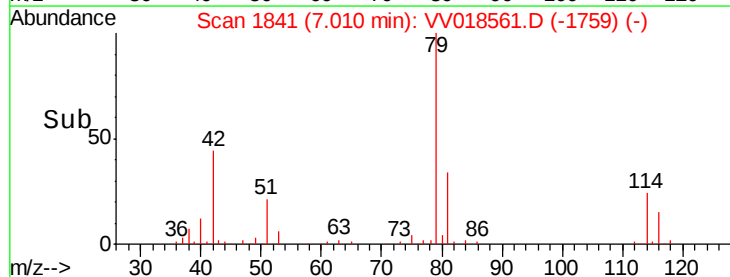
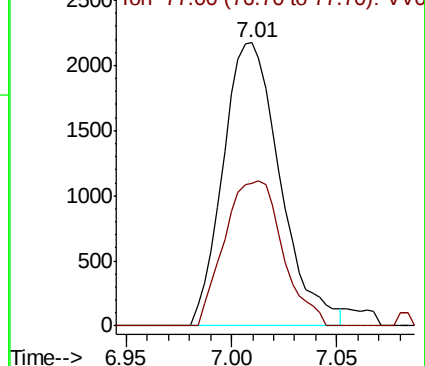
Ion Ratio Lower Upper

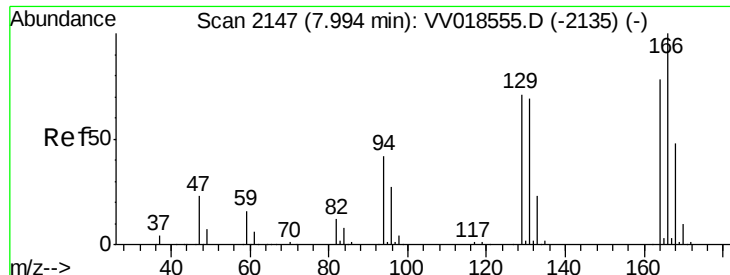
75 100

77 50.3 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV018555.D (-1830) (-)





#46

Tetrachloroethene

Concen: 69.603 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018561.D

Acq: 30 Sep 2020 11:56

Instrument :
MSVOA_V
ClientSampleId :
BG3N8DL

Tot Ion:164 Resp: 158322

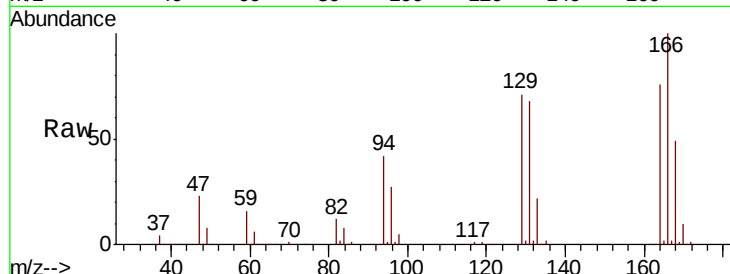
Ion Ratio Lower Upper

164 100

129 92.9 62.8 116.6

131 88.7 60.8 112.8

166 131.0 88.9 165.1

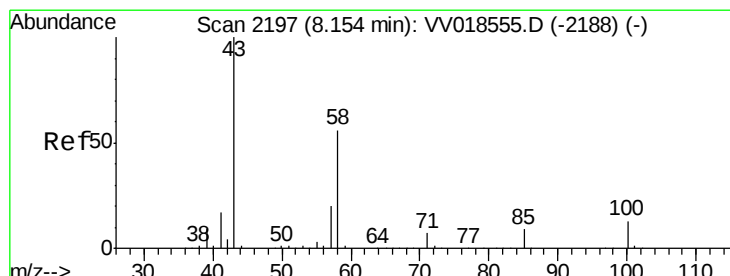
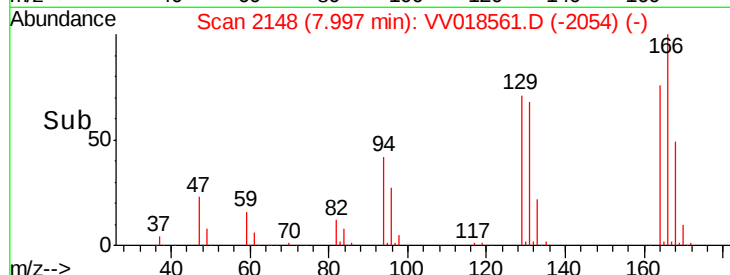
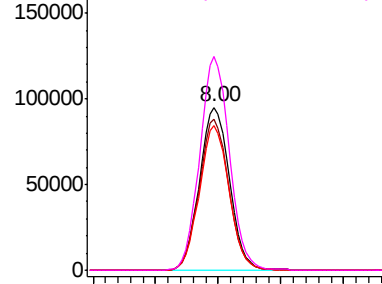


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.025 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018561.D

Acq: 30 Sep 2020 11:56

Tgt Ion: 43 Resp: 10042

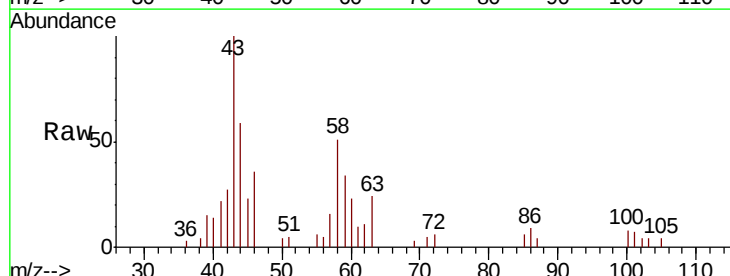
Ion Ratio Lower Upper

43 100

58 32.5 45.1 67.7#

57 2.1 15.7 23.5#

100 1.6 11.0 16.4#

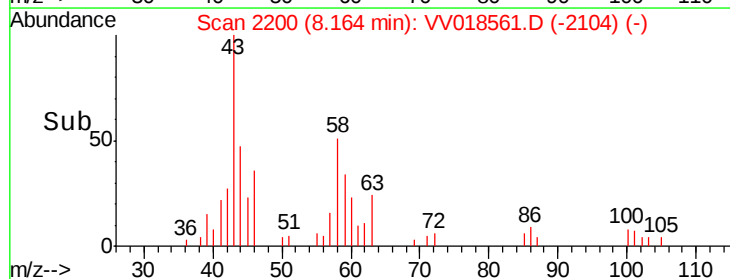
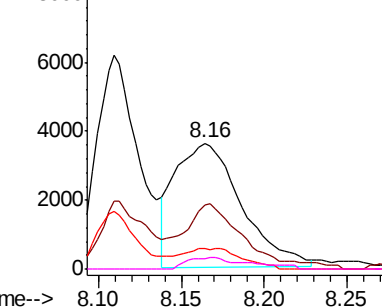


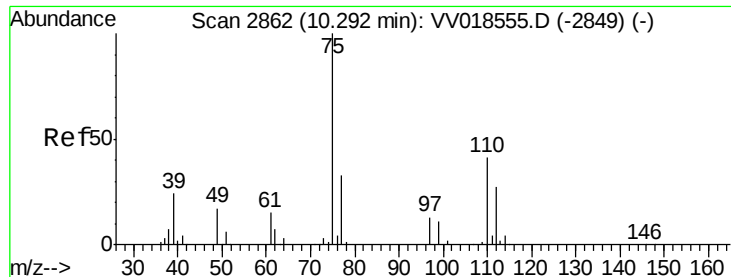
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.206 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018561.D

Acq: 30 Sep 2020 11:56

Instrument :

MSVOA_V

ClientSampleId :

BG3N8DL

Tot Ion: 75 Resp: 18705

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.0

