

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018727.D
 Acq On : 07 Oct 2020 14:01
 Operator : SY/MD
 Sample : L4287-05DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 02:54:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277063	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	276788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125186	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79939	49.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	73801	54.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.86%
11) 1,1-Dichloroethene-d2	2.12	63	129654	39.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.32%
21) 2-Butanone-d5	3.92	46	106967	88.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.25%
24) Chloroform-d	4.38	84	158969	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
26) 1,2-Dichloroethane-d4	5.06	65	114353	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
32) Benzene-d6	5.08	84	313632	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
36) 1,2-Dichloropropane-d6	6.09	67	99486	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.92%
41) Toluene-d8	7.34	98	275831	41.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.64%
43) trans-1,3-Dichloropropene-	7.64	79	45730	39.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.92%
47) 2-Hexanone-d5	8.11	63	54819	68.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104050	37.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	113225	47.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.06%

Target Compounds

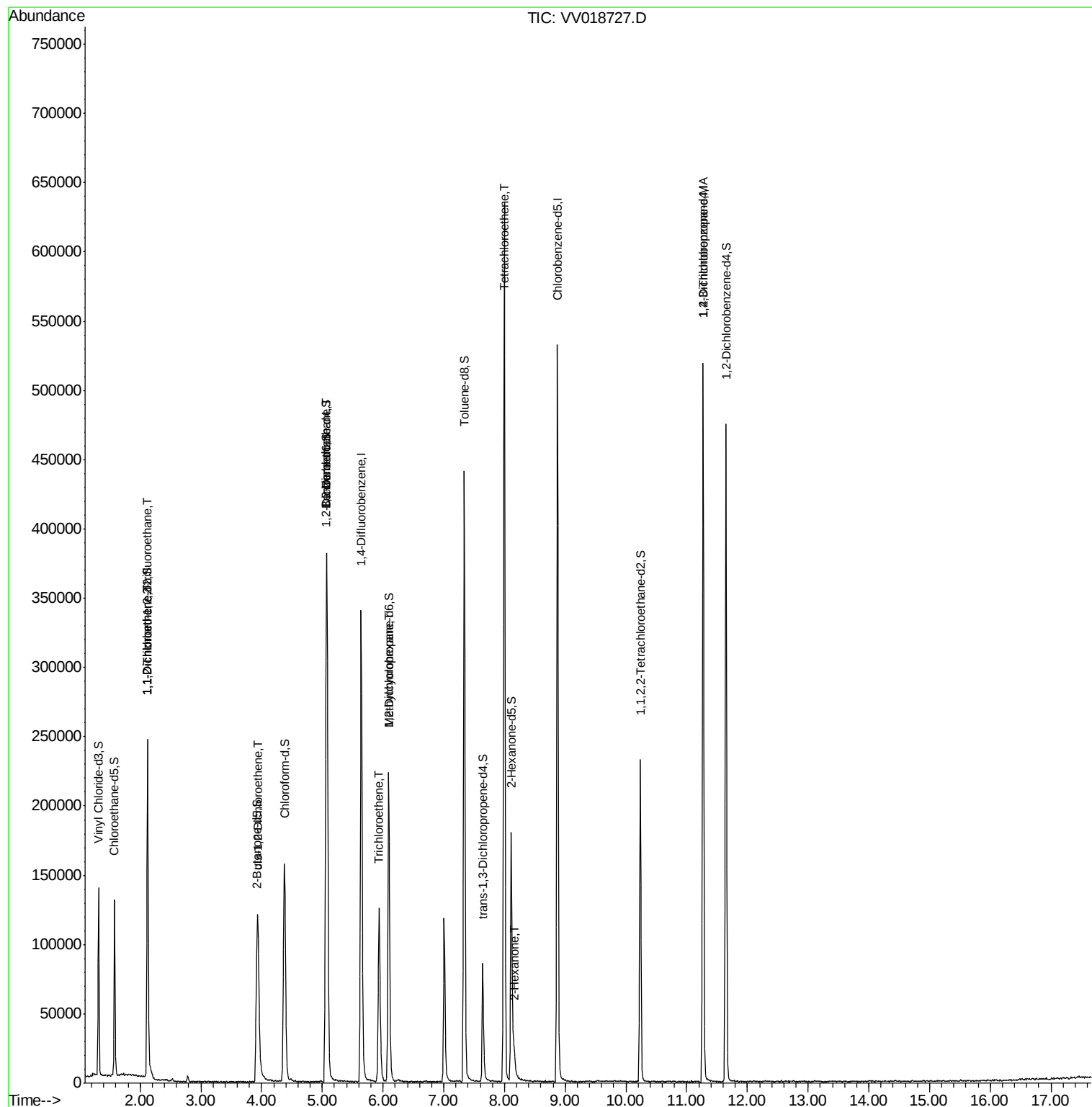
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1353	0.750 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1450	0.838 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	41690	19.821 ug/L	95
27) 1,2-Dichloroethane	5.08	62	2270	0.796 ug/L	99
34) Trichloroethene	5.94	95	35419	15.003 ug/L	93
35) Methylcyclohexane	6.09	83	24886	7.814 ug/L #	19
46) Tetrachloroethene	8.00	164	133771	69.846 ug/L	95
48) 2-Hexanone	8.16	43	13216	6.292 ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	15635	6.161 ug/L #	87

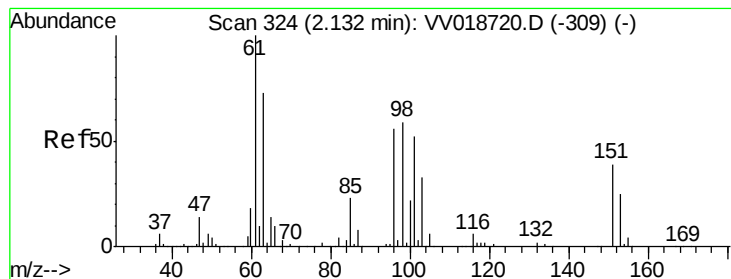
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 02:46:20 2020
Response via : Initial Calibration





#10

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

Concen: 0.750 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018727.D

Acq: 07 Oct 2020 14:01

Instrument :

MSVOA_V

ClientSampled :

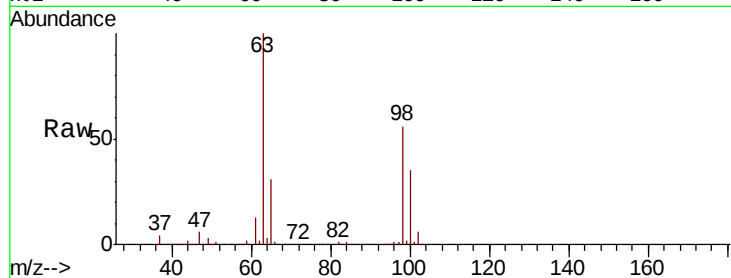
Tot Ion:101 Resp: 1353

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

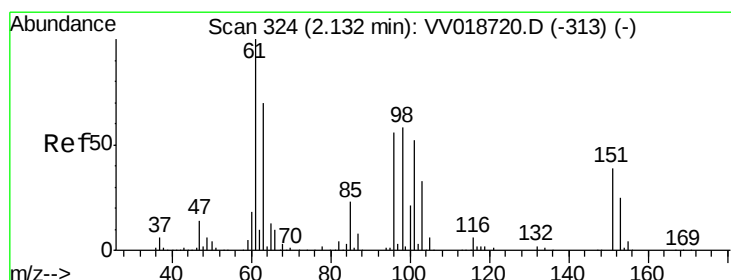
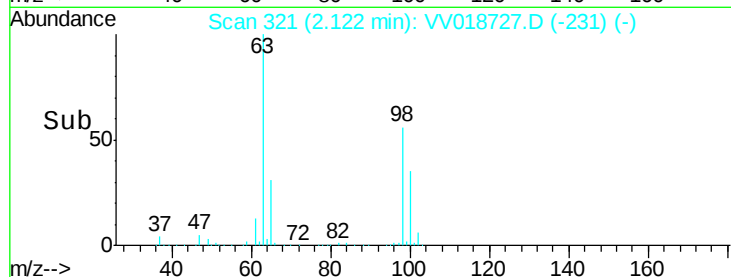
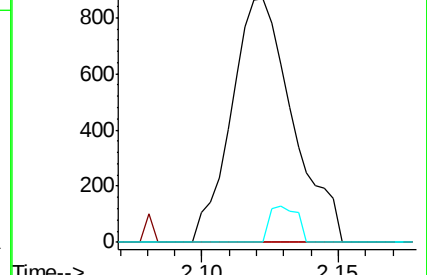
151 6.7 64.3 96.5#



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



#12

1,1-Dichloroethene

Concen: 0.838 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018727.D

Acq: 07 Oct 2020 14:01

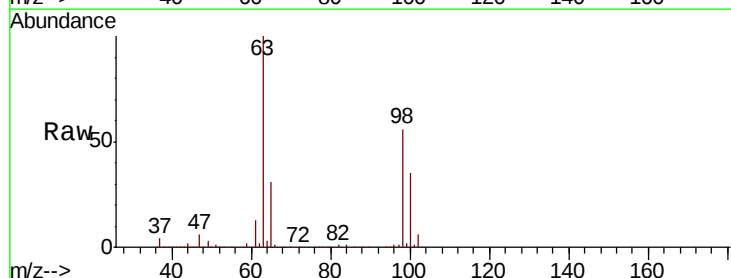
Tgt Ion: 96 Resp: 1450

Ion Ratio Lower Upper

96 100

61 1307.3 122.8 228.1#

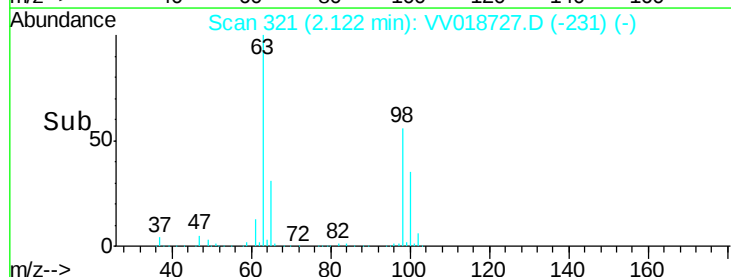
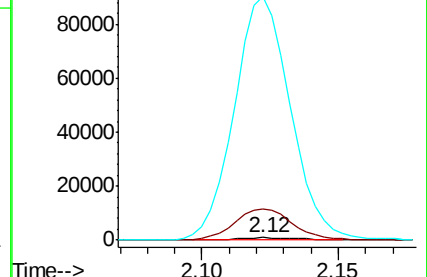
63 10166.7 91.9 170.7#

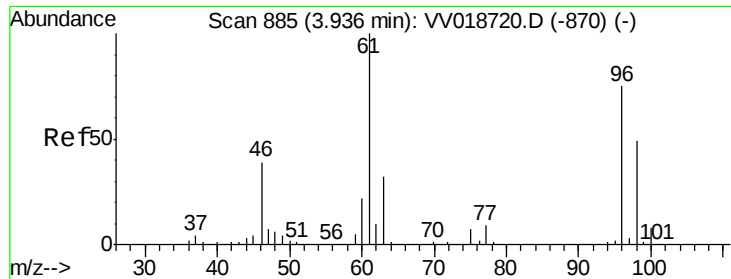


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

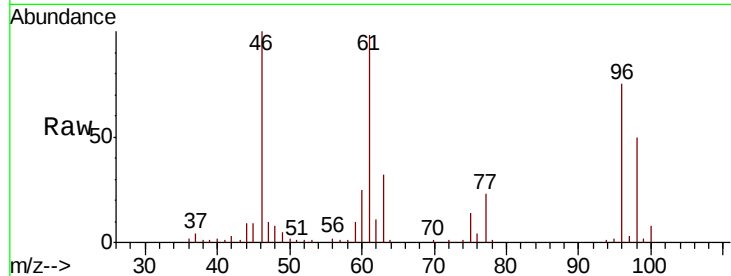




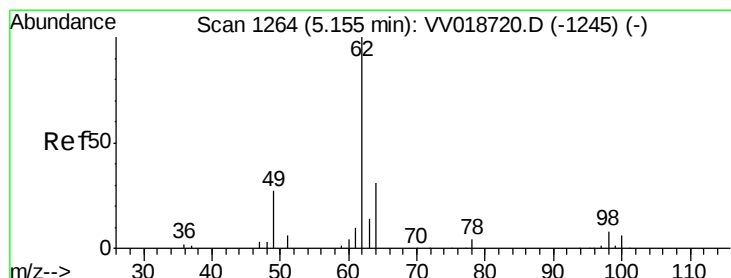
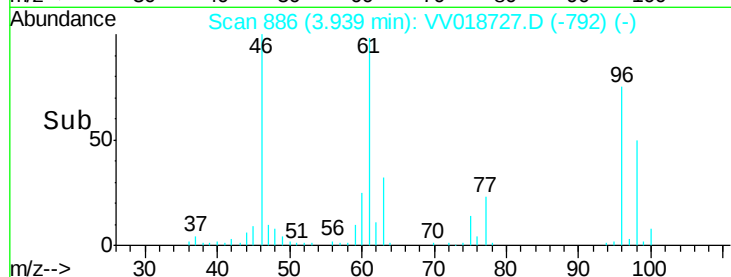
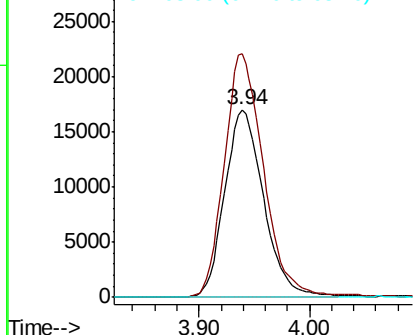
#20
 cis-1,2-Dichloroethene
 Concen: 19.821 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV018727.D
 Acq: 07 Oct 2020 14:01

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 41690
 Ion Ratio Lower Upper
 96 100
 61 129.6 86.8 161.2
 68 0.0 0.0 0.0

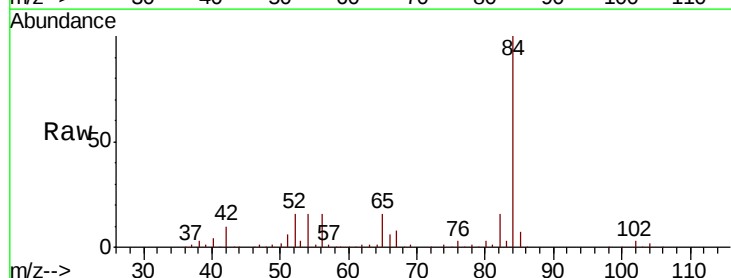


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

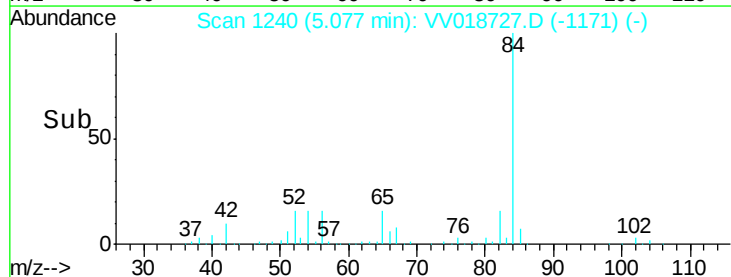
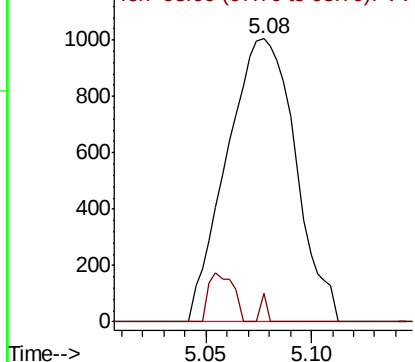


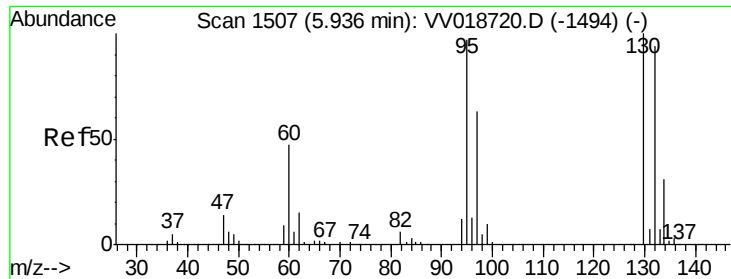
#27
 1,2-Dichloroethane
 Concen: 0.796 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV018727.D
 Acq: 07 Oct 2020 14:01

Tgt Ion: 62 Resp: 2270
 Ion Ratio Lower Upper
 62 100
 98 10.1 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: 15.003 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018727.D

Acq: 07 Oct 2020 14:01

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 35419

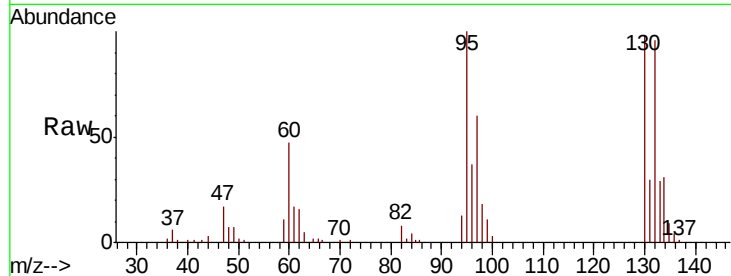
Ion Ratio Lower Upper

95 100

97 60.2 45.9 85.3

132 96.5 70.8 131.4

130 97.5 75.3 139.8

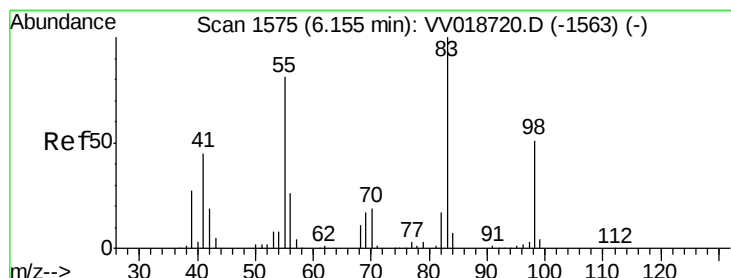
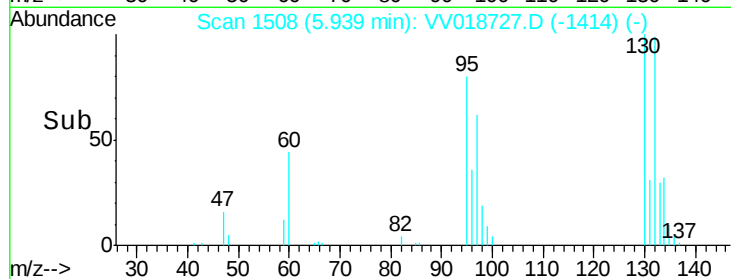
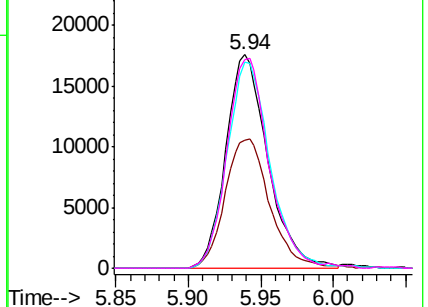


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 7.814 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018727.D

Acq: 07 Oct 2020 14:01

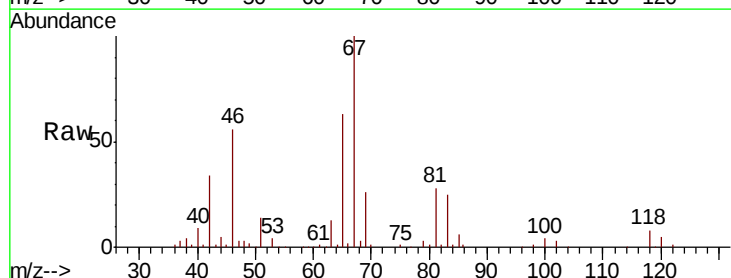
Tgt Ion: 83 Resp: 24886

Ion Ratio Lower Upper

83 100

55 0.6 60.1 90.1#

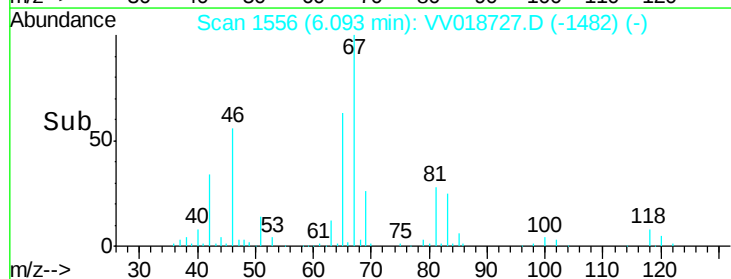
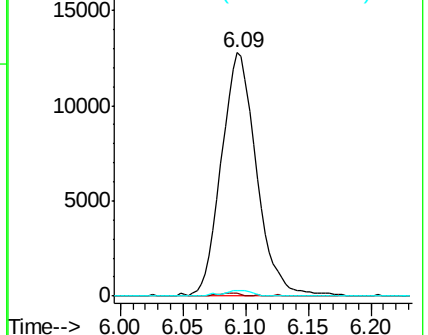
98 1.6 40.2 60.4#

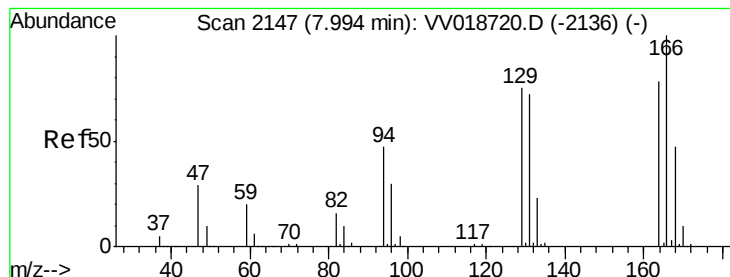


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 69.846 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018727.D

Acq: 07 Oct 2020 14:01

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 133771

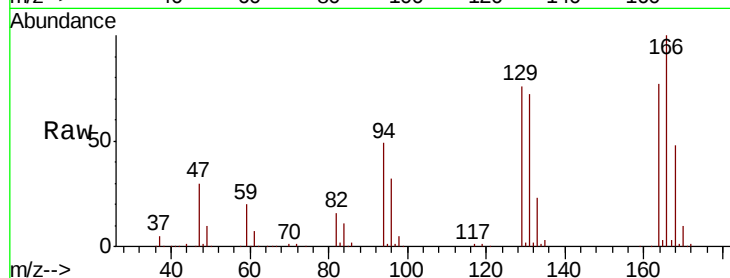
Ion Ratio Lower Upper

164 100

129 97.7 62.8 116.6

131 92.9 60.8 112.8

166 129.1 88.9 165.1

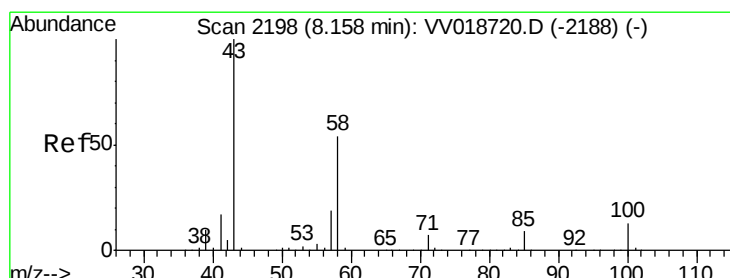
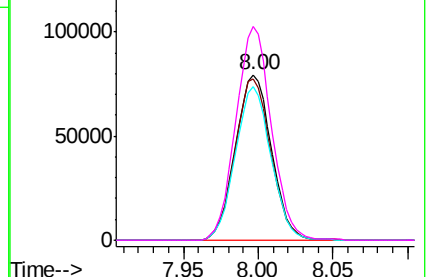
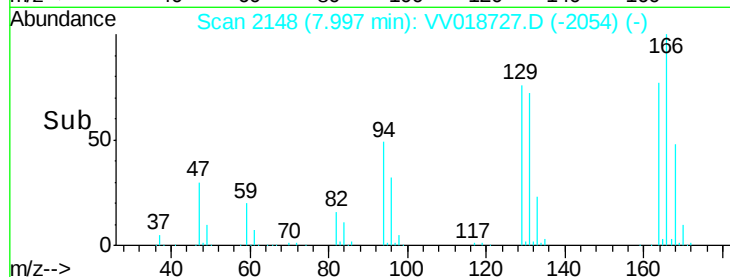


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.292 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018727.D

Acq: 07 Oct 2020 14:01

Tgt Ion: 43 Resp: 13216

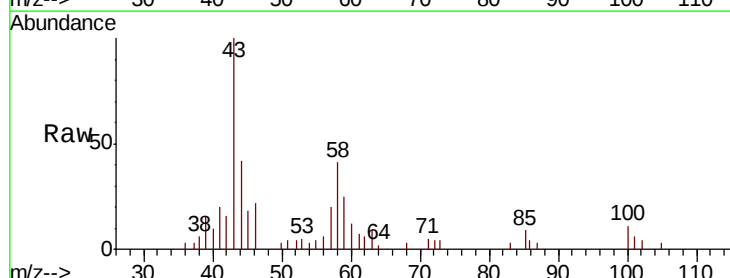
Ion Ratio Lower Upper

43 100

58 32.4 45.1 67.7#

57 9.8 15.7 23.5#

100 8.2 11.0 16.4#

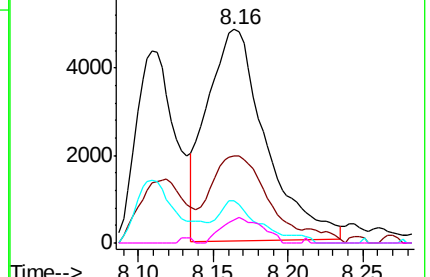
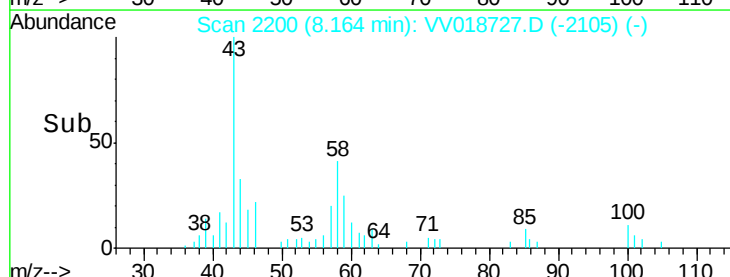


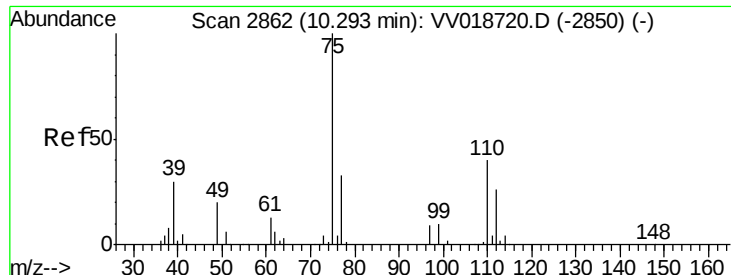
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.161 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018727.D

Acq: 07 Oct 2020 14:01

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15635

Ion Ratio Lower Upper

75 100

77 38.8 25.4 38.0#

