

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018705.D
 Acq On : 06 Oct 2020 21:58
 Operator : SY/MD
 Sample : L4287-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:24:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	227640	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230333	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108699	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77181	57.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.62%
7) Chloroethane-d5	1.58	69	68612	62.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.32%
11) 1,1-Dichloroethene-d2	2.12	63	123256	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
21) 2-Butanone-d5	3.92	46	97595	98.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	4.38	84	148931	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
26) 1,2-Dichloroethane-d4	5.06	65	104374	56.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.90%
32) Benzene-d6	5.08	84	290019	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
36) 1,2-Dichloropropane-d6	6.09	67	90020	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.14%
41) Toluene-d8	7.34	98	258930	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.64	79	42691	44.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.66%
47) 2-Hexanone-d5	8.11	63	55956	83.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98093	41.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	110582	52.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

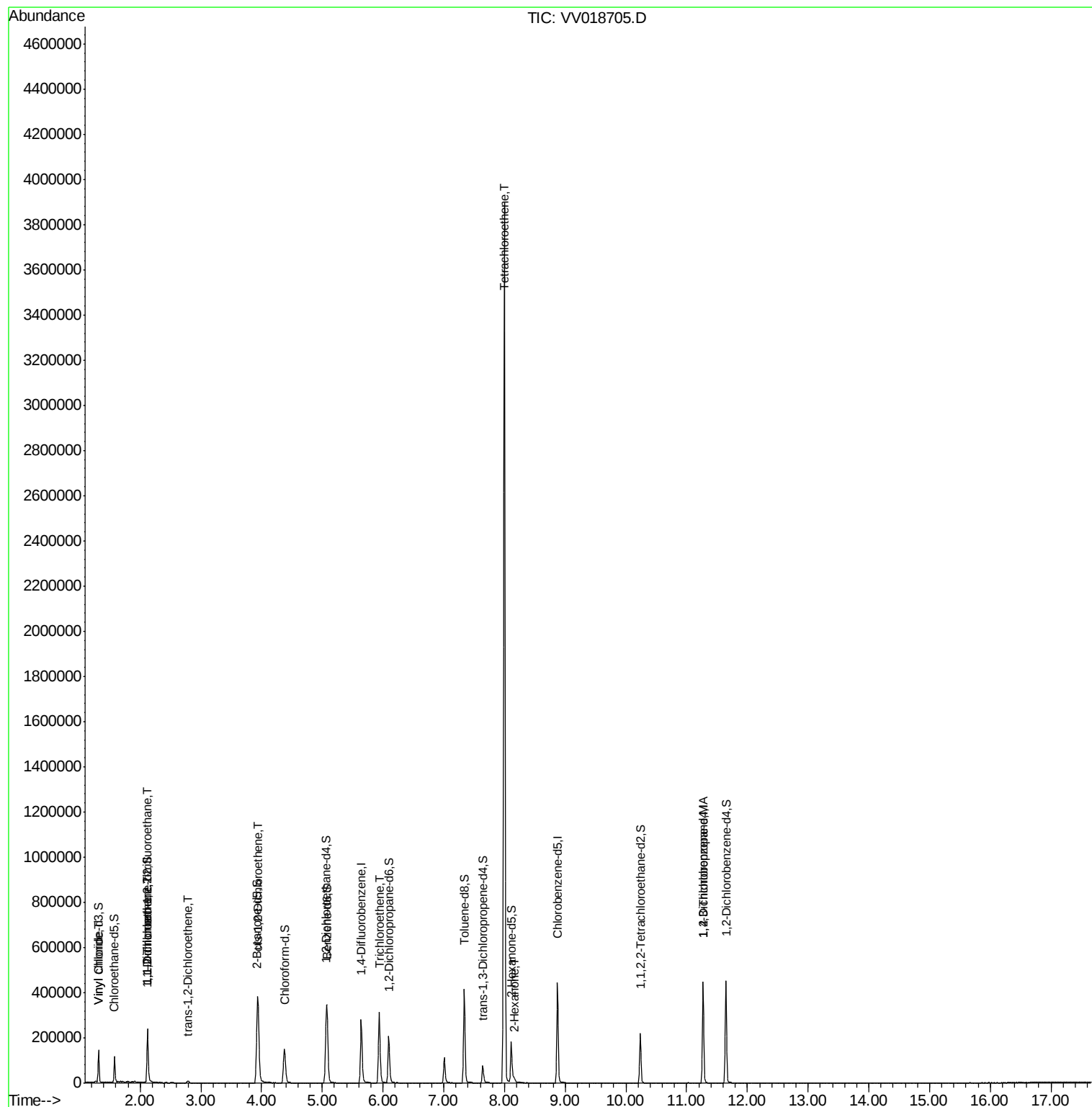
					Ovalue
5) Vinyl chloride	1.32	62	9654	5.544 ug/L #	78
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1081	0.730 ug/L #	24
12) 1,1-Dichloroethene	2.14	96	2914	2.051 ug/L #	1
17) trans-1,2-Dichloroethene	2.79	96	2994	1.841 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	193013	111.691 ug/L	93
34) Trichloroethene	5.94	95	98379	50.078 ug/L	96
46) Tetrachloroethene	8.00	164	810651	508.632 ug/L	95
48) 2-Hexanone	8.16	43	9610	5.498 ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	14381	6.810 ug/L #	87

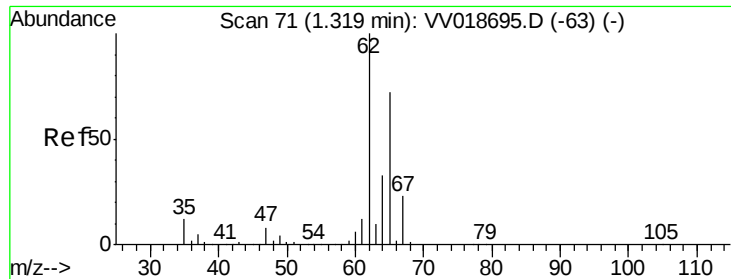
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.544 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018705.D

Acq: 06 Oct 2020 21:58

Instrument :

MSVOA_V

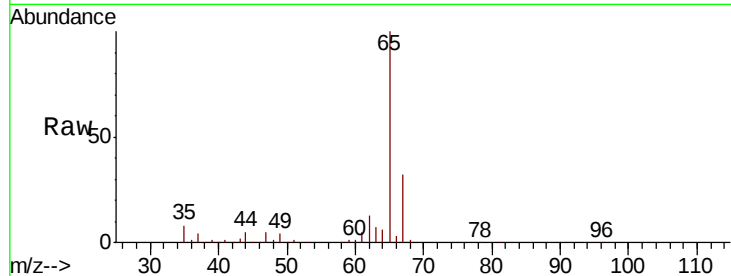
ClientSampled :

Tot Ion: 62 Resp: 9654

Ion Ratio Lower Upper

62 100

64 45.1 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV018695.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV018695.D (-63) (-)

10000

8000

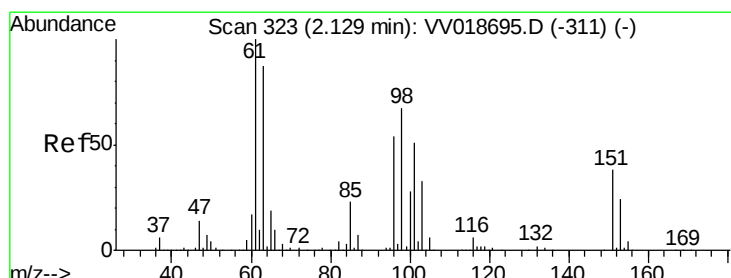
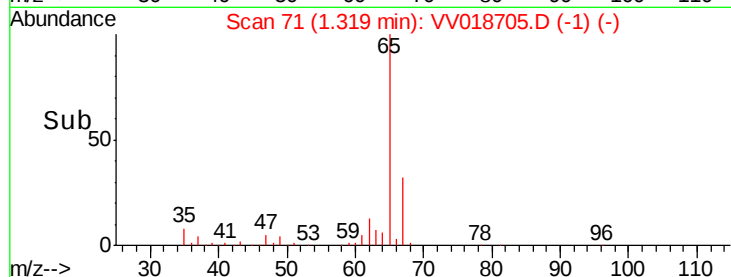
6000

4000

2000

0

Time-->



#10

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

Concen: 0.730 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018705.D

Acq: 06 Oct 2020 21:58

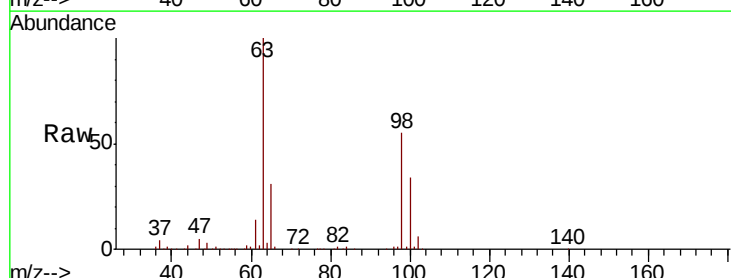
Tgt Ion: 101 Resp: 1081

Ion Ratio Lower Upper

101 100

85 3.9 34.6 52.0#

151 6.0 64.3 96.5#



Abundance Ion 101.00 (100.70 to 101.70): VV018695.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018695.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV018695.D (-311) (-)

800

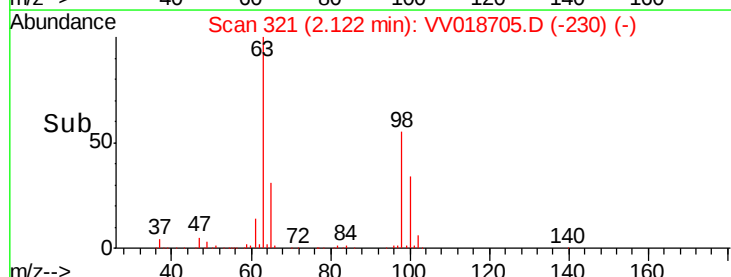
600

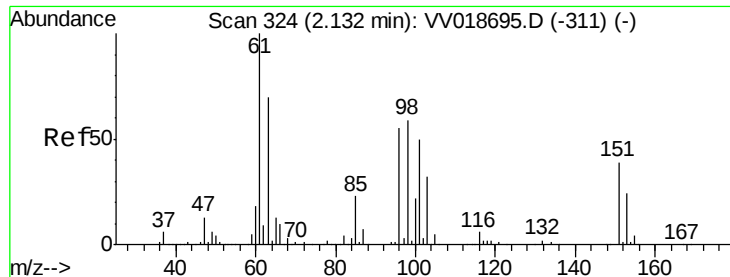
400

200

0

Time-->





#12

1,1-Dichloroethene

Concen: 2.051 ug/L

RT: 2.14 min Scan# 325

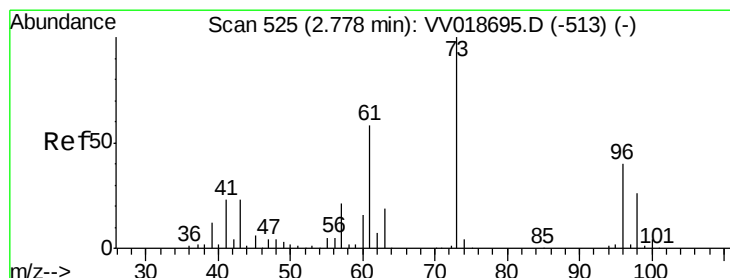
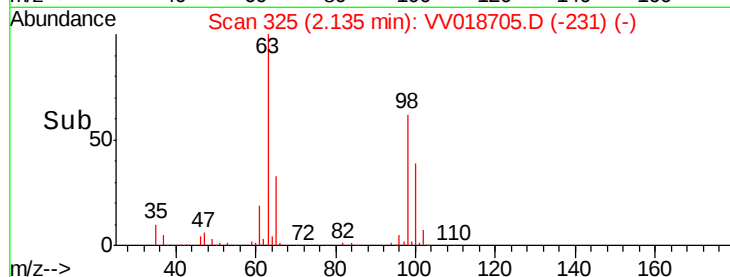
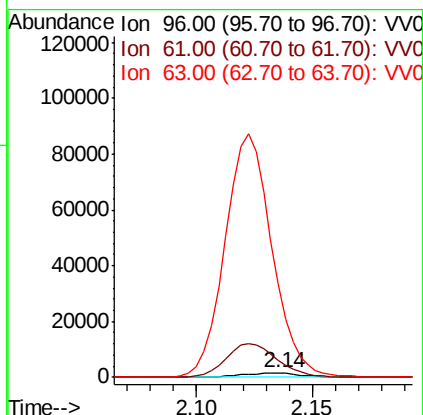
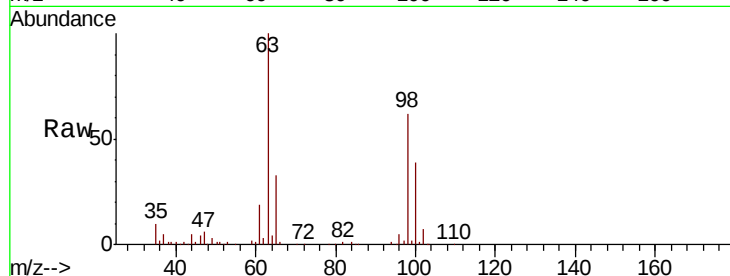
Delta R.T. 0.00 min

Lab File: VV018705.D

Acq: 06 Oct 2020 21:58

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 2914
Ion Ratio Lower Upper
96 100
61 368.4 122.8 228.1#
63 1966.2 91.9 170.7#



#17

trans-1,2-Dichloroethene

Concen: 1.841 ug/L

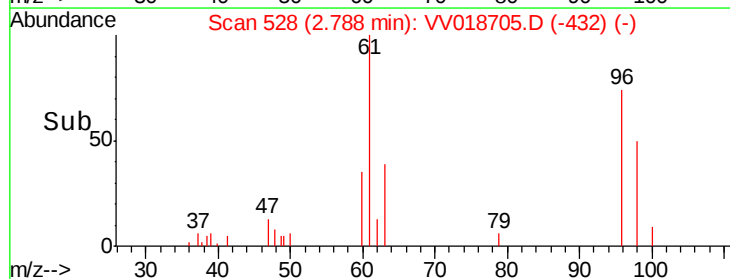
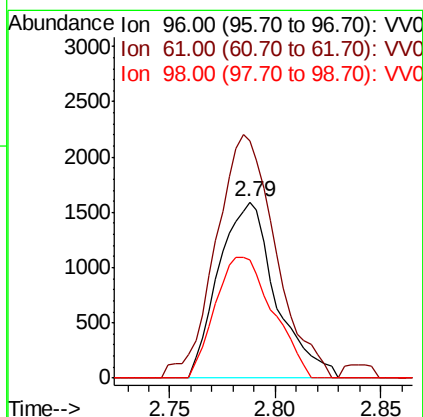
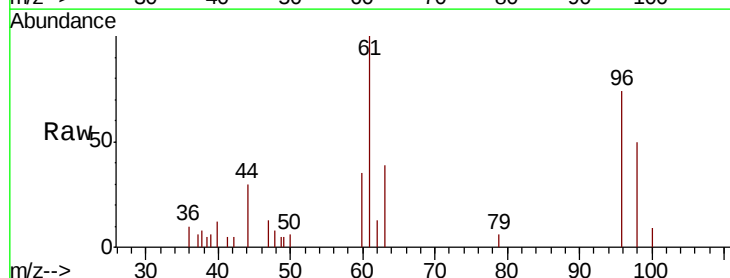
RT: 2.79 min Scan# 528

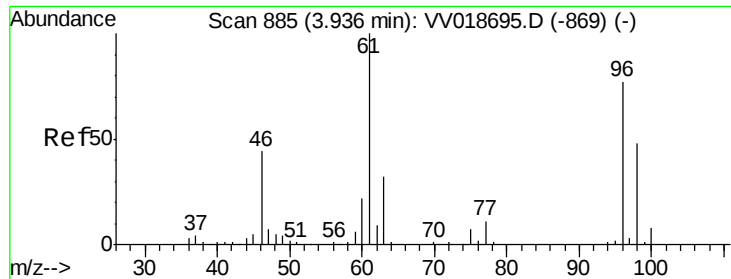
Delta R.T. 0.01 min

Lab File: VV018705.D

Acq: 06 Oct 2020 21:58

Tgt Ion: 96 Resp: 2994
Ion Ratio Lower Upper
96 100
61 134.9 95.0 176.4
98 67.0 44.6 82.8

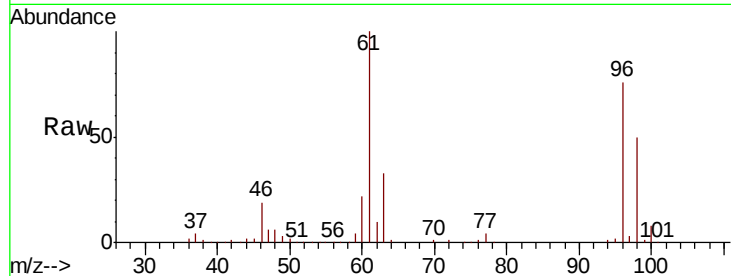




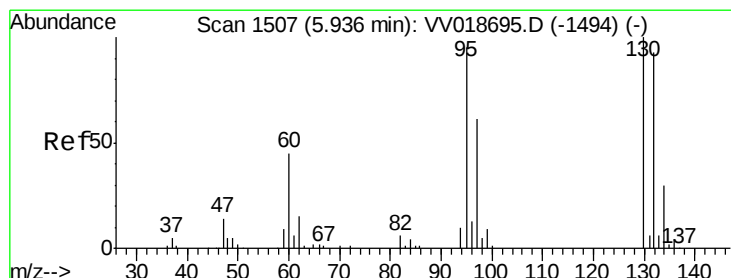
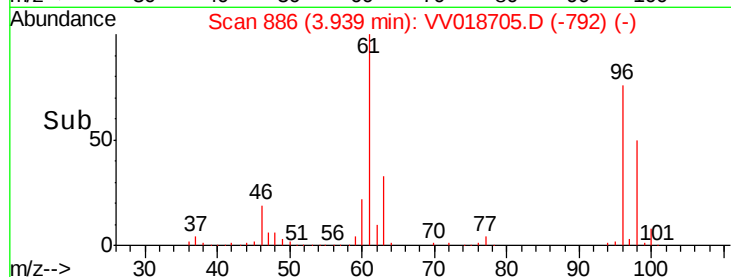
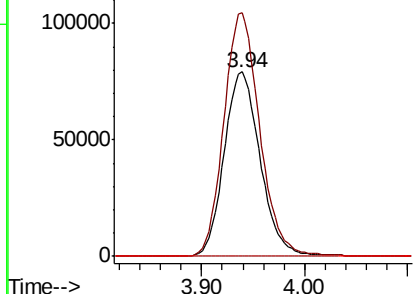
#20
 cis-1,2-Dichloroethene
 Concen: 111.691 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV018705.D
 Acq: 06 Oct 2020 21:58

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 96 Resp: 193013
 Ion Ratio Lower Upper
 96 100
 61 132.0 86.8 161.2
 68 0.0 0.0 0.0

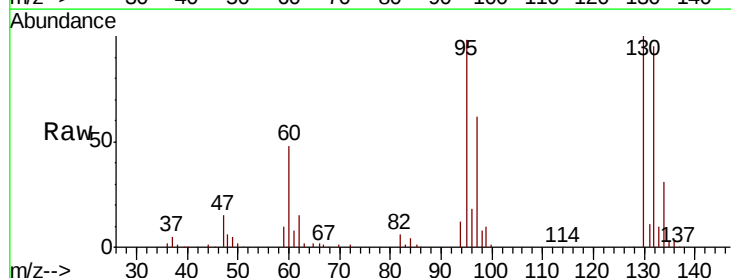


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

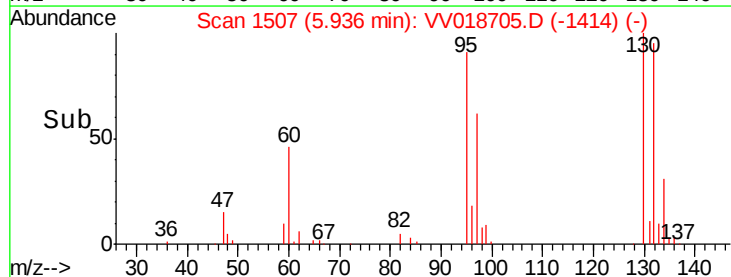
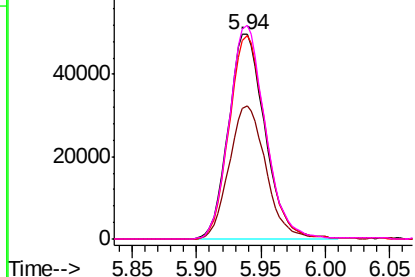


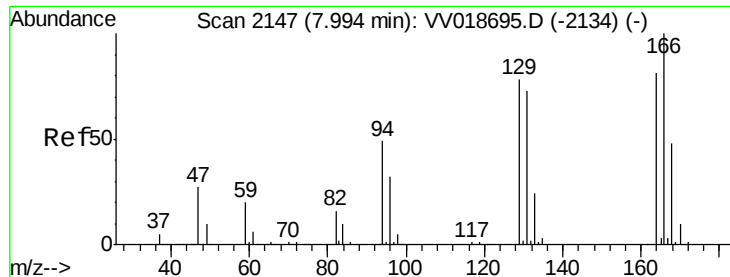
#34
 Trichloroethene
 Concen: 50.078 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018705.D
 Acq: 06 Oct 2020 21:58

Tgt Ion: 95 Resp: 98379
 Ion Ratio Lower Upper
 95 100
 97 63.8 45.9 85.3
 132 97.2 70.8 131.4
 130 102.4 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





#46

Tetrachloroethene

Concen: 508.632 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018705.D

Acq: 06 Oct 2020 21:58

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 810651

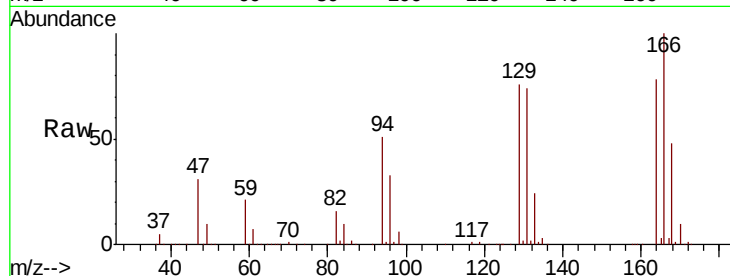
Ion Ratio Lower Upper

164 100

129 97.7 62.8 116.6

131 94.5 60.8 112.8

166 128.2 88.9 165.1

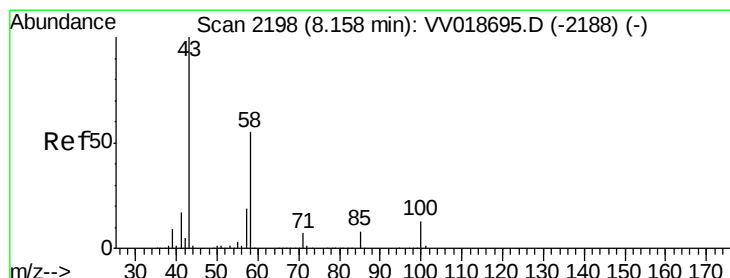
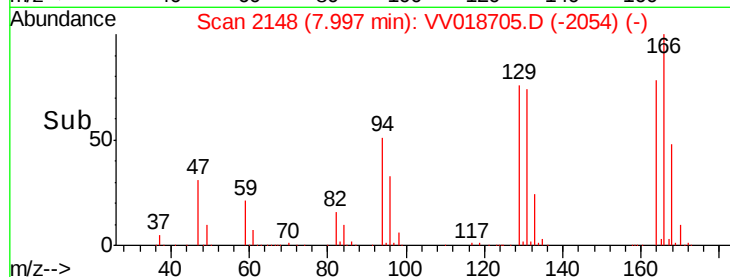
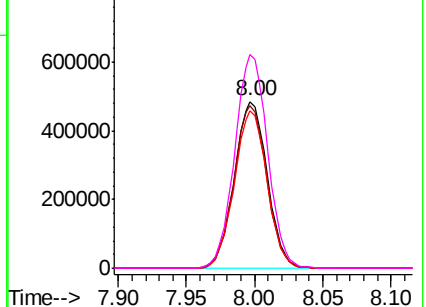


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.498 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018705.D

Acq: 06 Oct 2020 21:58

Tgt Ion: 43 Resp: 9610

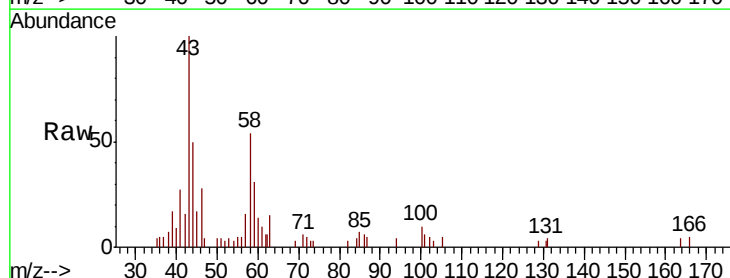
Ion Ratio Lower Upper

43 100

58 49.2 45.1 67.7

57 6.3 15.7 23.5#

100 4.7 11.0 16.4#

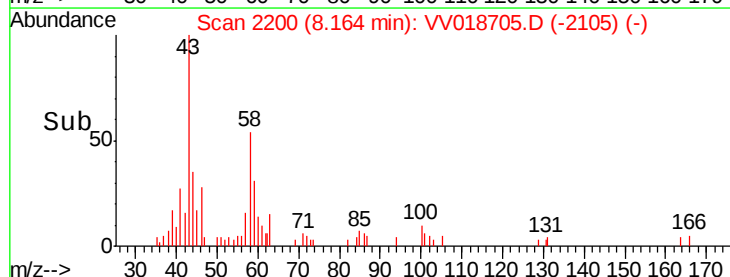
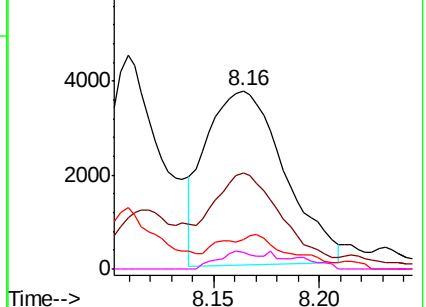


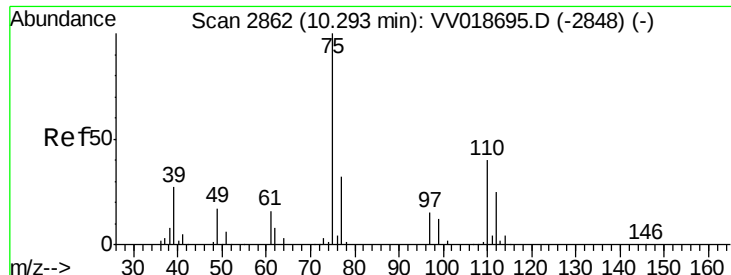
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.810 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018705.D

Acq: 06 Oct 2020 21:58

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14381

Ion Ratio Lower Upper

75 100

77 39.2 25.4 38.0#

