

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018703.D
 Acq On : 06 Oct 2020 21:11
 Operator : SY/MD
 Sample : L4287-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:24:34 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	276276	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137604	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83093	51.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.56%
7) Chloroethane-d5	1.58	69	72829	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.72%
11) 1,1-Dichloroethene-d2	2.12	63	142937	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
21) 2-Butanone-d5	3.92	46	112115	92.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.76%
24) Chloroform-d	4.38	84	161460	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.06	65	114307	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.78%
32) Benzene-d6	5.08	84	311450	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.09	67	101028	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.40%
41) Toluene-d8	7.34	98	313848	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.64	79	51129	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.11	63	74923	91.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	118218	41.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	117830	44.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.06%

Target Compounds

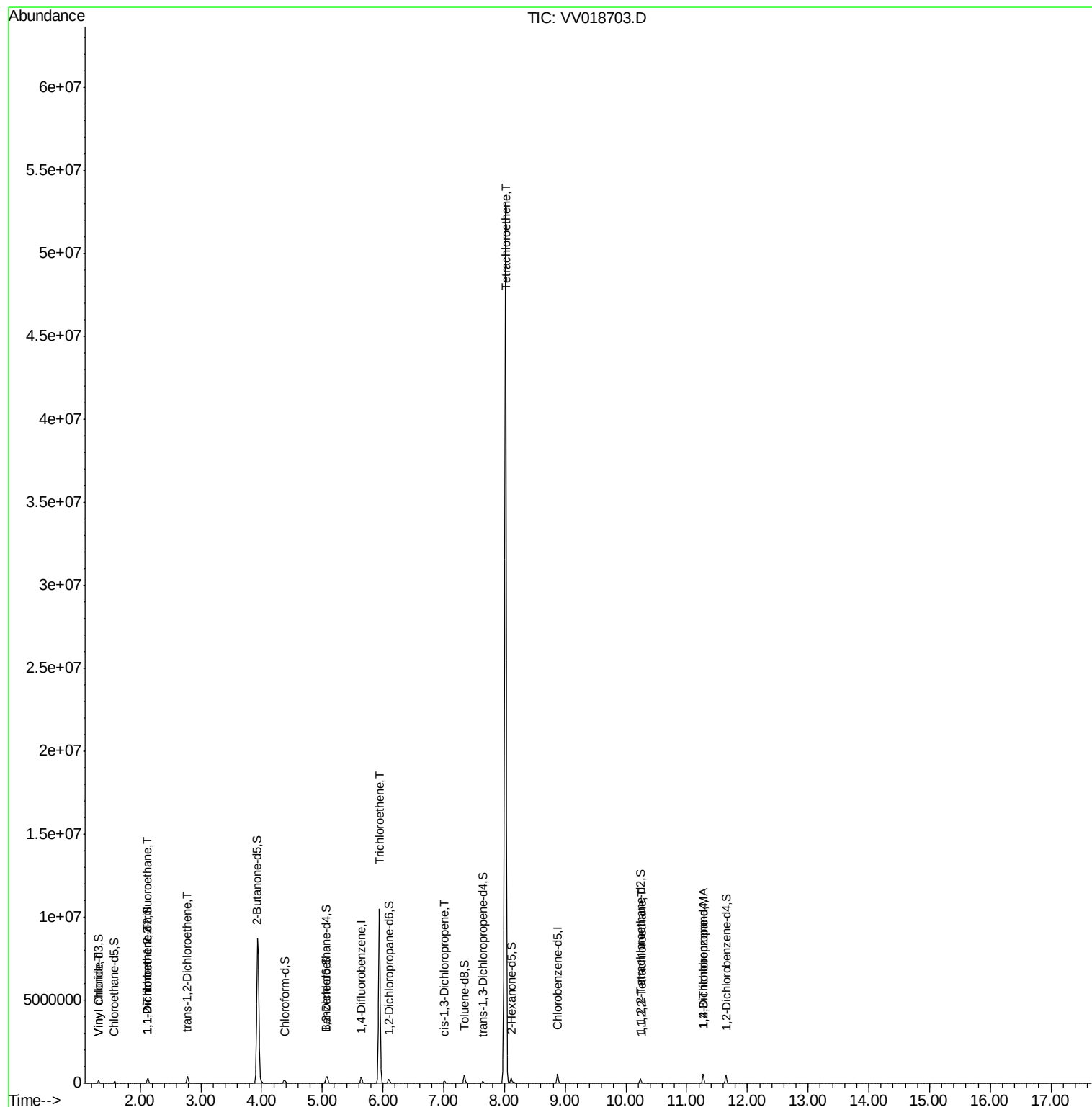
					Ovalue
5) Vinyl chloride	1.32	62	9703	4.591	ug/L # 81
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1438	0.800	ug/L # 17
12) 1,1-Dichloroethene	2.13	96	21516	12.476	ug/L # 1
17) trans-1,2-Dichloroethene	2.78	96	148701	75.351	ug/L 97
34) Trichloroethene	5.94	95	3531404	1464.789	ug/L 93
39) cis-1,3-Dichloropropene	7.01	75	3564	1.066	ug/L # 67
46) Tetrachloroethene	8.02	164	11869299	6068.512	ug/L 87
58) 1,1,2,2-Tetrachloroethane	10.26	83	8511	2.863	ug/L 88
59) 1,2,3-Trichloropropane	11.27	75	16907	6.524	ug/L 89

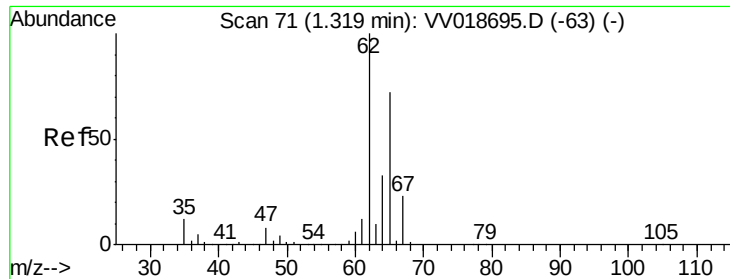
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.591 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018703.D

Acq: 06 Oct 2020 21:11

Instrument :

MSVOA_V

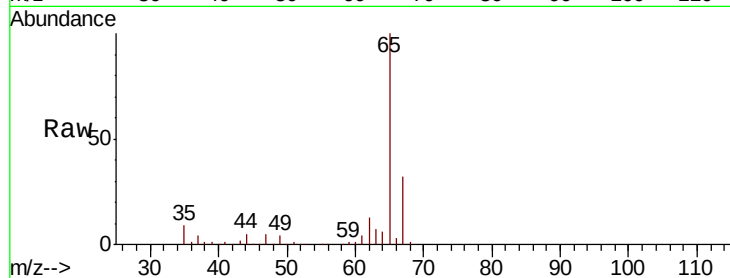
ClientSampled :

Tot Ion: 62 Resp: 9703

Ion Ratio Lower Upper

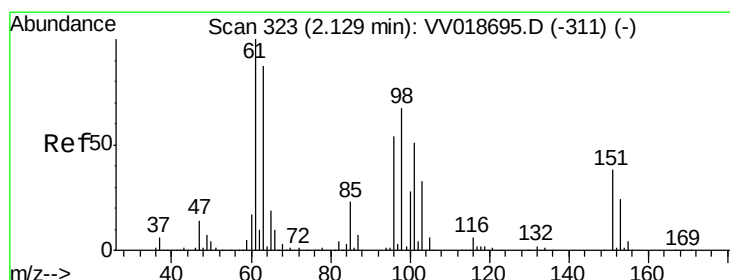
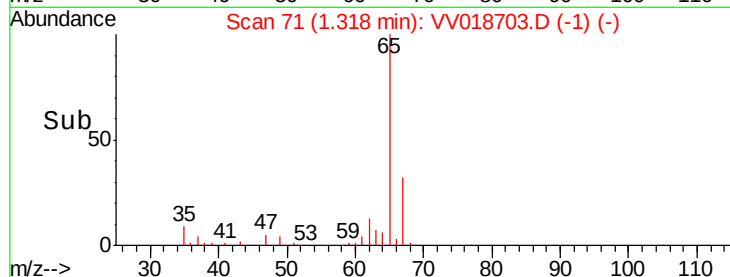
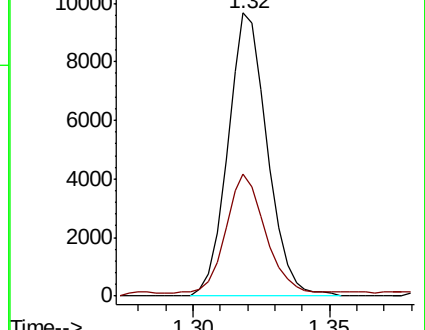
62 100

64 43.2 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) (-)



#10

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

Concen: 0.800 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV018703.D

Acq: 06 Oct 2020 21:11

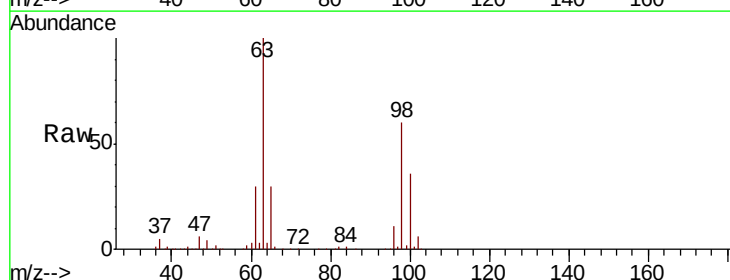
Tgt Ion: 101 Resp: 1438

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

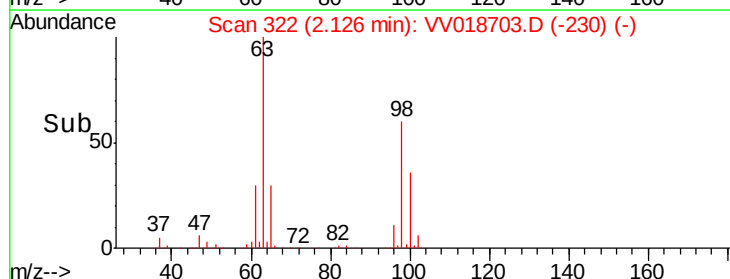
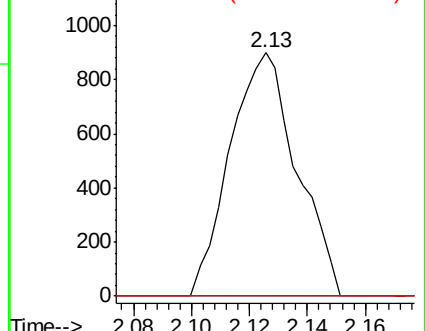
151 0.0 64.3 96.5#

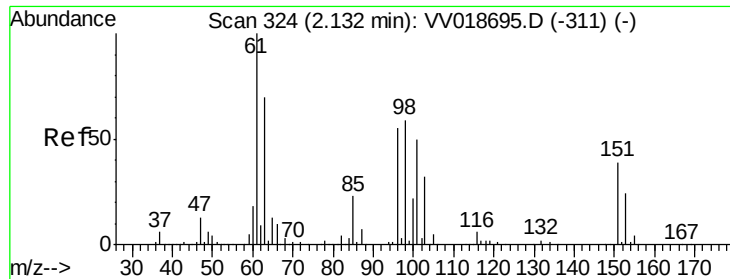


Abundance Ion 101.00 (100.70 to 101.70): VV018695.D (-311) (-)

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

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

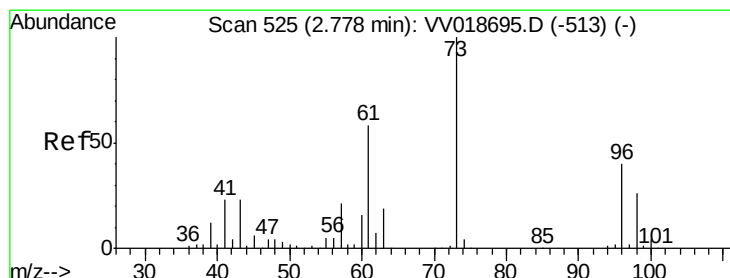
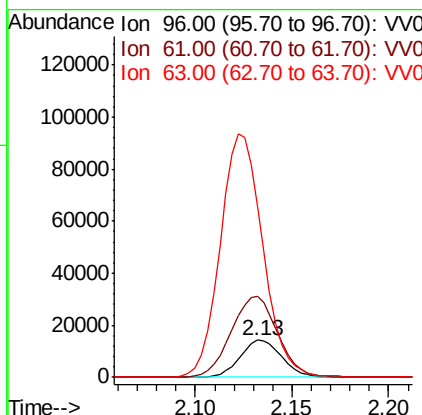
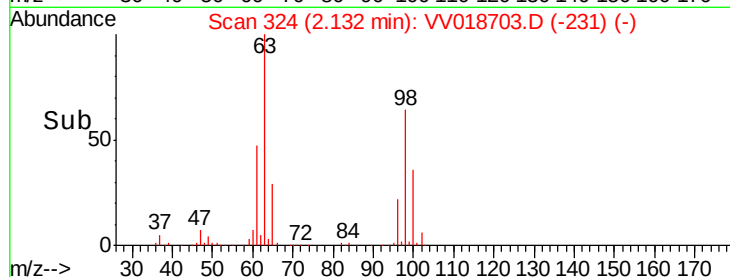
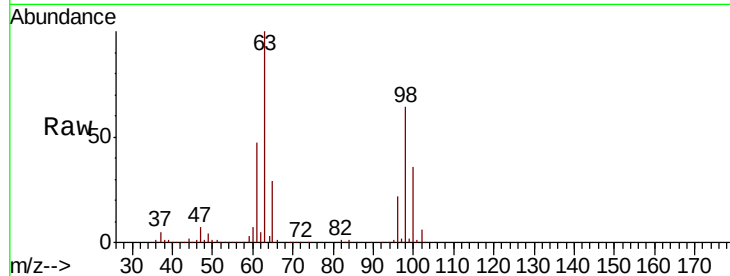




#12
 1,1-Dichloroethene
 Concen: 12.476 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV018703.D
 Acq: 06 Oct 2020 21:11

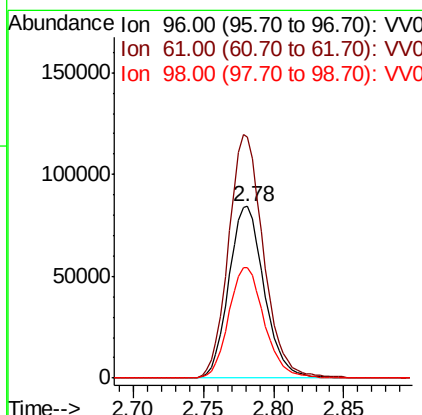
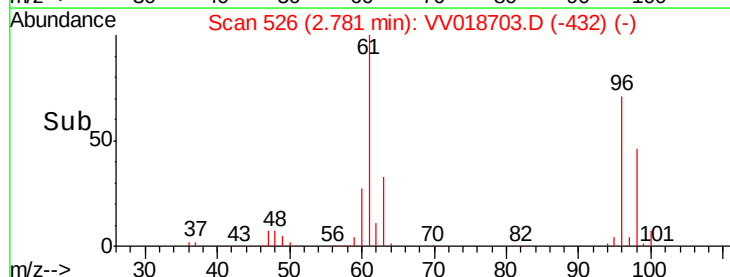
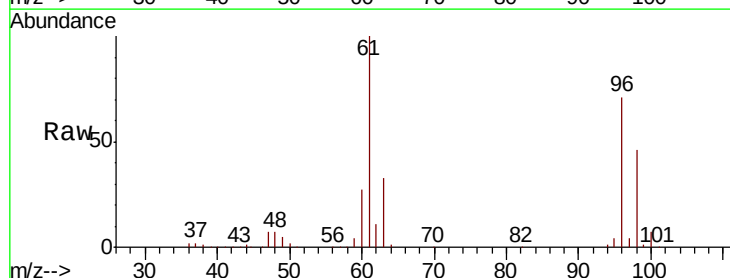
Instrument :
 MSVOA_V
 ClientSampleId :

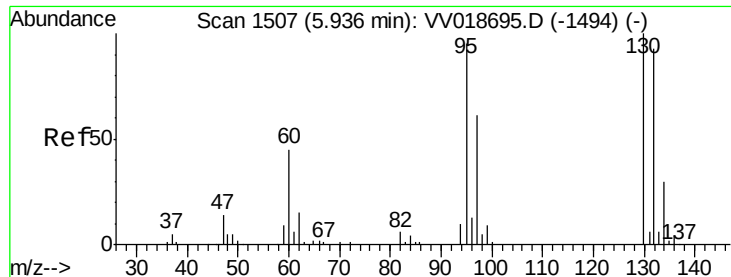
Tot Ion: 96 Resp: 21516
 Ion Ratio Lower Upper
 96 100
 61 217.2 122.8 228.1
 63 457.9 91.9 170.7#



#17
 trans-1,2-Dichloroethene
 Concen: 75.351 ug/L
 RT: 2.78 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: VV018703.D
 Acq: 06 Oct 2020 21:11

Tgt Ion: 96 Resp: 148701
 Ion Ratio Lower Upper
 96 100
 61 140.5 95.0 176.4
 98 64.7 44.6 82.8





#34

Trichloroethene

Concen: 1464.789 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018703.D

Acq: 06 Oct 2020 21:11

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 3531404

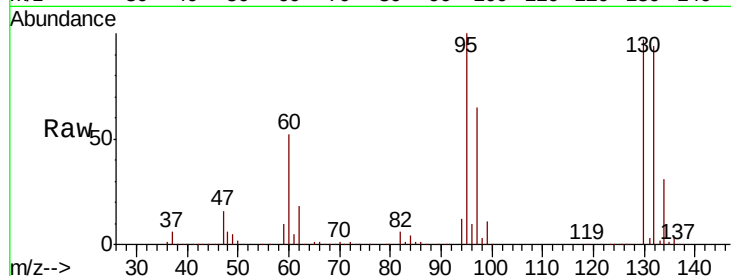
Ion Ratio Lower Upper

95 100

97 64.9 45.9 85.3

132 94.1 70.8 131.4

130 96.9 75.3 139.8

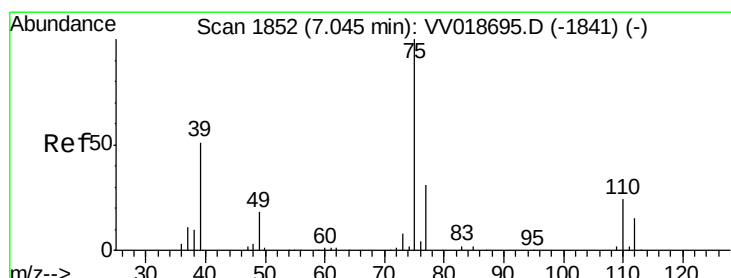
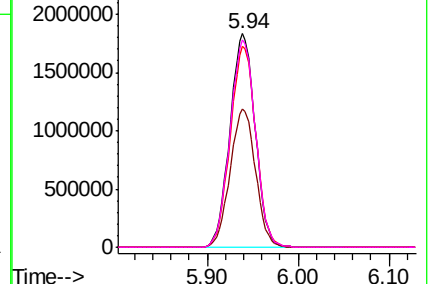
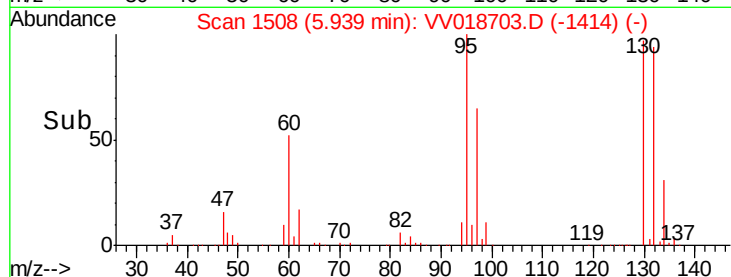


Abundance Ion 95.00 (94.70 to 95.70): VV018695.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018695.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV018695.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018695.D (-1494) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.066 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018703.D

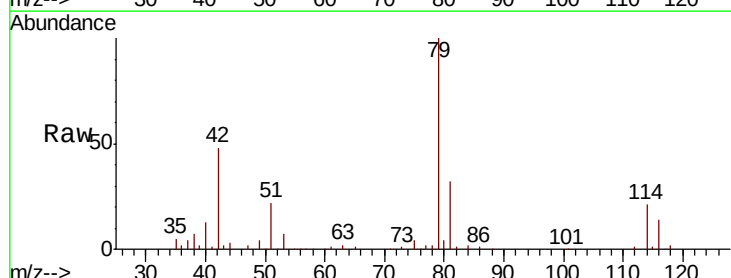
Acq: 06 Oct 2020 21:11

Tgt Ion: 75 Resp: 3564

Ion Ratio Lower Upper

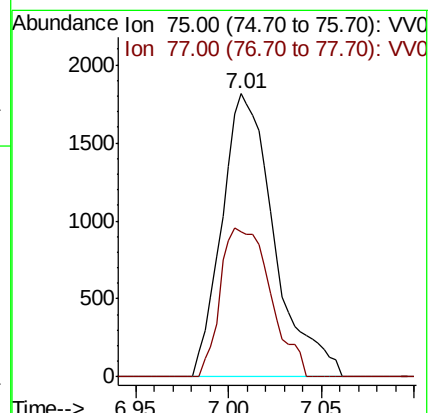
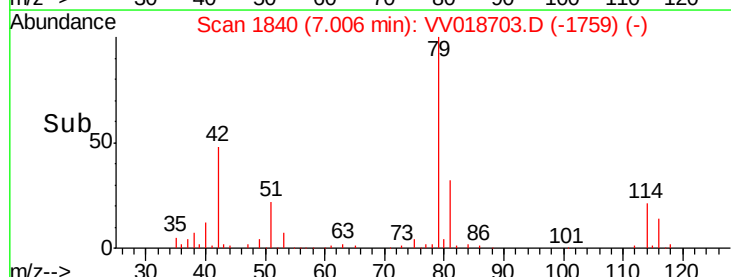
75 100

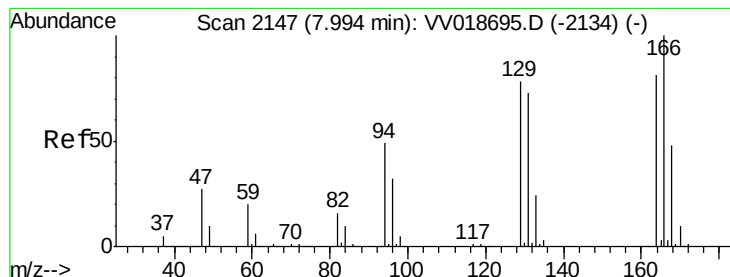
77 51.4 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV018695.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VV018695.D (-1841) (-)





#46

Tetrachloroethene

Concen: 6068.512 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.03 min

Lab File: VV018703.D

Acq: 06 Oct 2020 21:11

Instrument :

MSVOA_V

ClientSampled :

Tot Ion:164 Resp:11869299

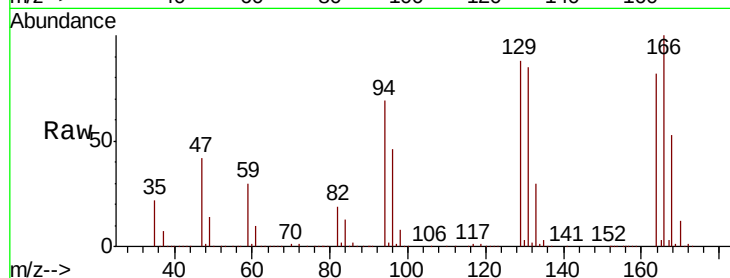
Ion Ratio Lower Upper

164 100

129 107.6 62.8 116.6

131 104.7 60.8 112.8

166 122.5 88.9 165.1



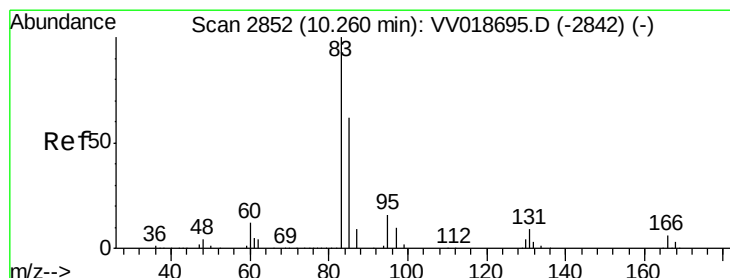
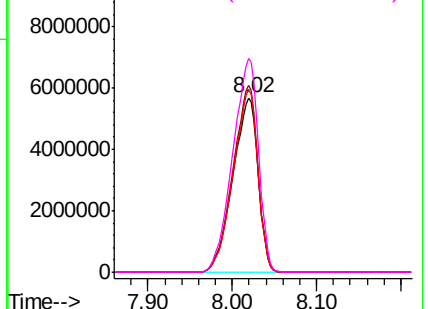
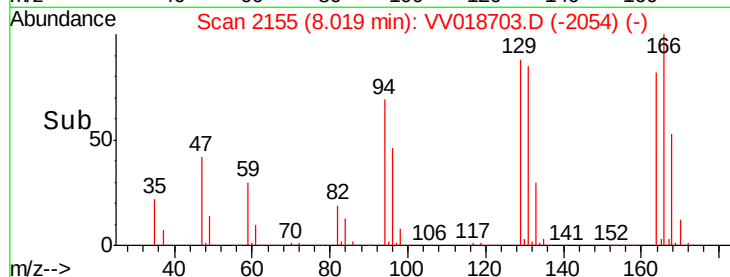
Abundance

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



#58

1,1,2,2-Tetrachloroethane

Concen: 2.863 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV018703.D

Acq: 06 Oct 2020 21:11

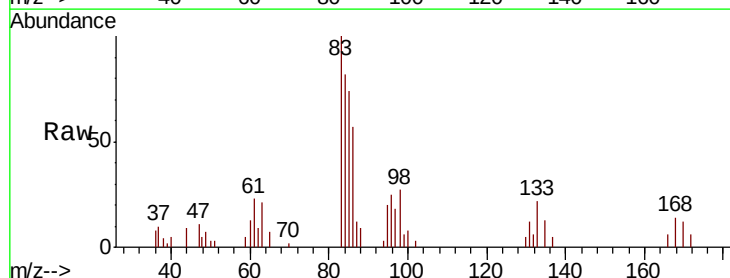
Tgt Ion: 83 Resp: 8511

Ion Ratio Lower Upper

83 100

85 74.4 44.5 82.7

131 11.8 8.6 12.8

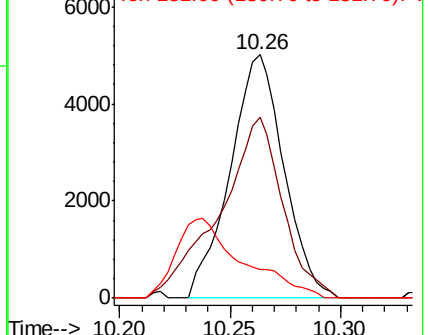
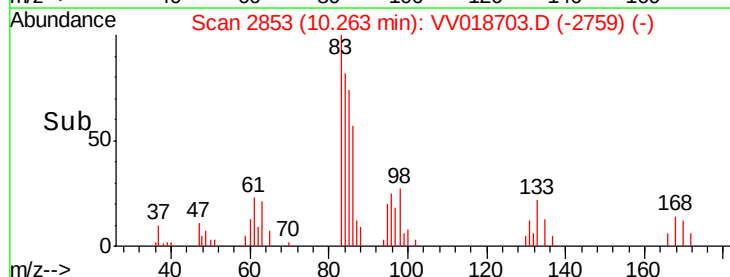


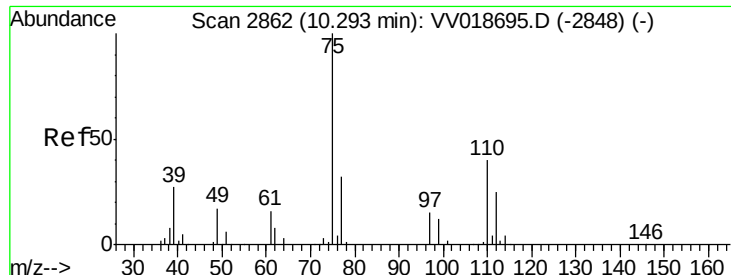
Abundance

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 6.524 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018703.D

Acq: 06 Oct 2020 21:11

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16907

Ion Ratio Lower Upper

75 100

77 37.9 25.4 38.0

