

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018699.D
 Acq On : 06 Oct 2020 19:37
 Operator : SY/MD
 Sample : L4287-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:23:59 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	240685	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271192	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110317	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84300	59.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.44%
7) Chloroethane-d5	1.58	69	73983	63.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	126.78%
11) 1,1-Dichloroethene-d2	2.12	63	131627	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.54%
21) 2-Butanone-d5	3.92	46	110545	104.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.99%
24) Chloroform-d	4.38	84	160670	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	5.06	65	112694	58.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.32%
32) Benzene-d6	5.07	84	311268	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
36) 1,2-Dichloropropane-d6	6.09	67	97692	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.14%
41) Toluene-d8	7.34	98	280505	43.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.82%
43) trans-1,3-Dichloropropene-	7.64	79	47536	42.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.80%
47) 2-Hexanone-d5	8.11	63	60708	77.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	112738	40.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	117928	55.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.18%

Target Compounds

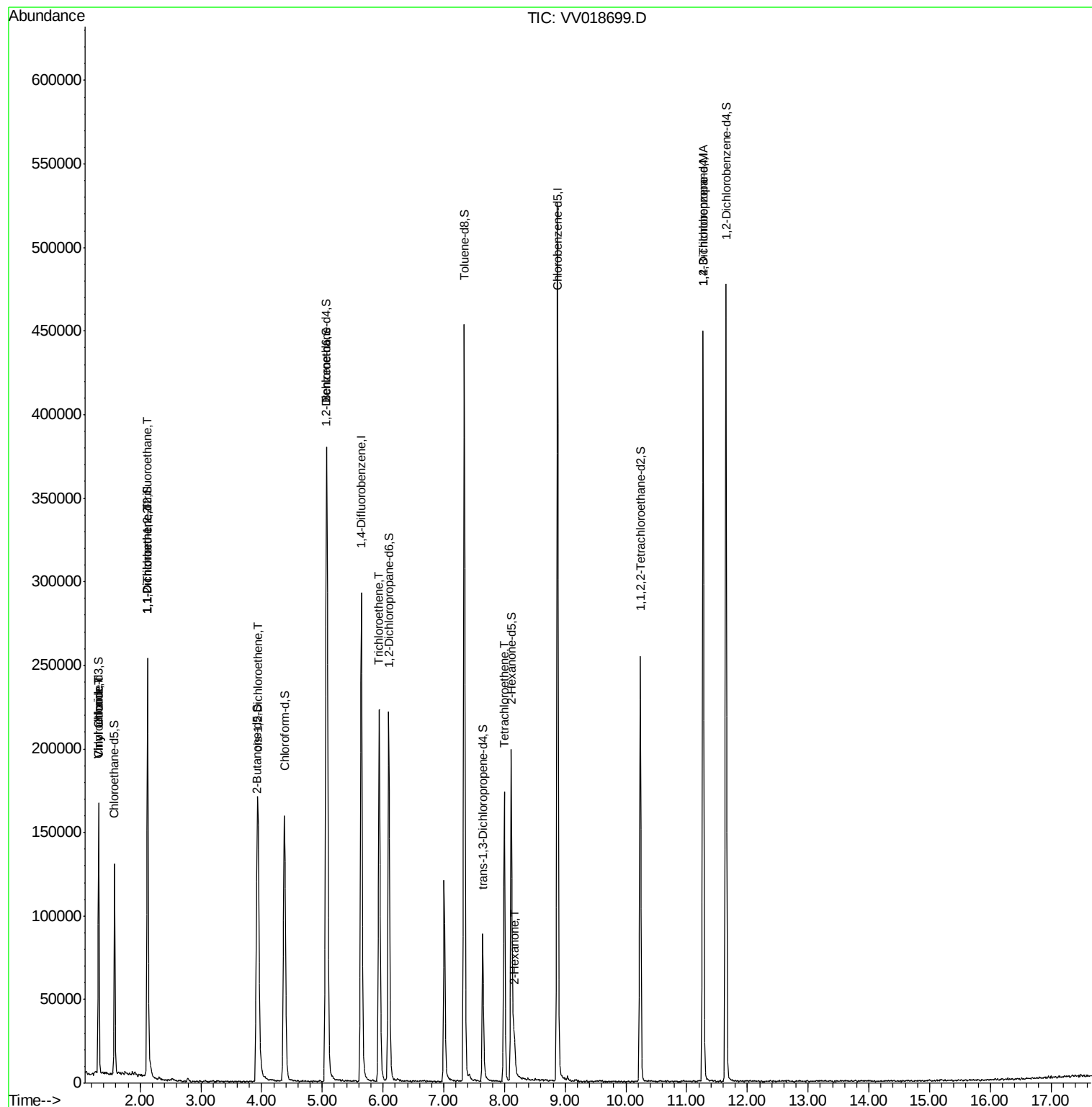
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	16518	8.972	ug/L	83
8) Chloroethane	1.32	64	6642	5.854	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1334	0.852	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1401	0.932	ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	73735	40.356	ug/L	98
34) Trichloroethene	5.94	95	69397	30.003	ug/L	95
46) Tetrachloroethene	8.00	164	36504	19.453	ug/L	93
48) 2-Hexanone	8.16	43	15660	7.609	ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	14389	5.787	ug/L	95

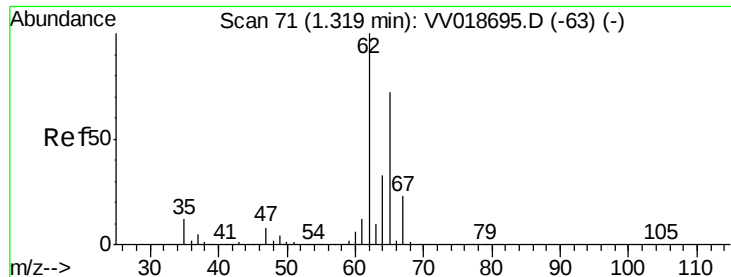
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.972 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018699.D

Acq: 06 Oct 2020 19:37

Instrument :

MSVOA_V

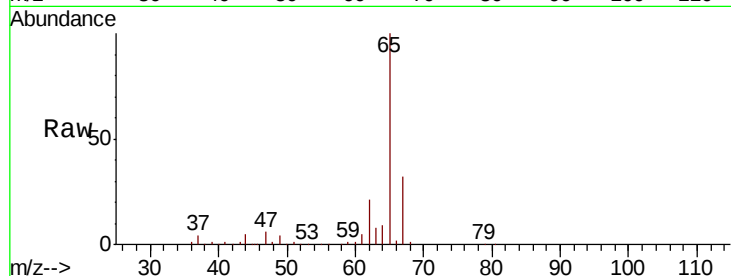
ClientSampleId :

Tot Ion: 62 Resp: 16518

Ion Ratio Lower Upper

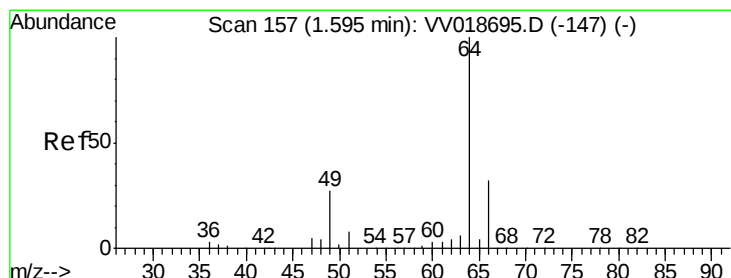
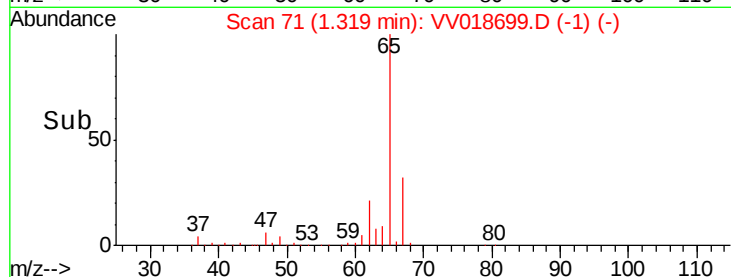
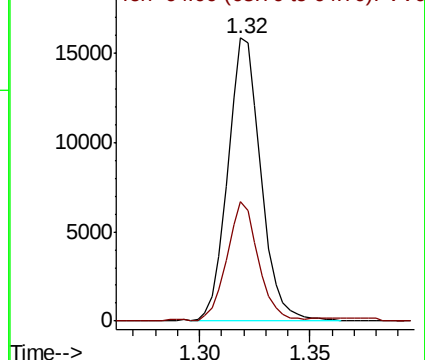
62 100

64 42.2 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#8

Chloroethane

Concen: 5.854 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV018699.D

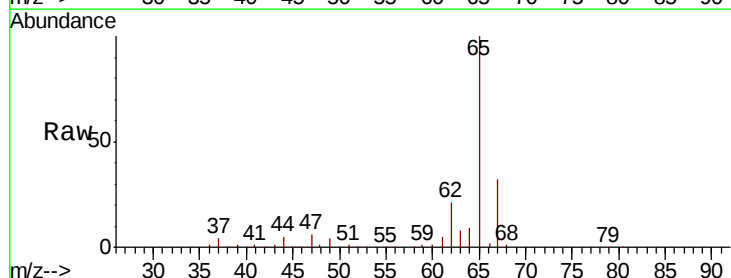
Acq: 06 Oct 2020 19:37

Tgt Ion: 64 Resp: 6642

Ion Ratio Lower Upper

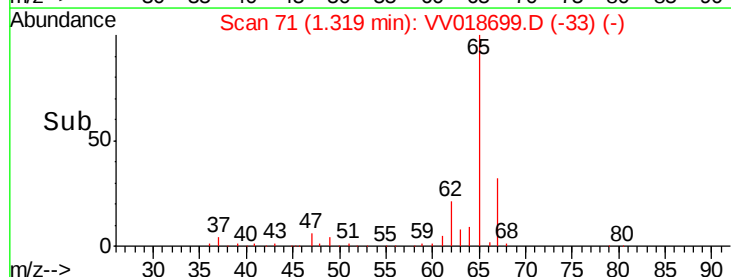
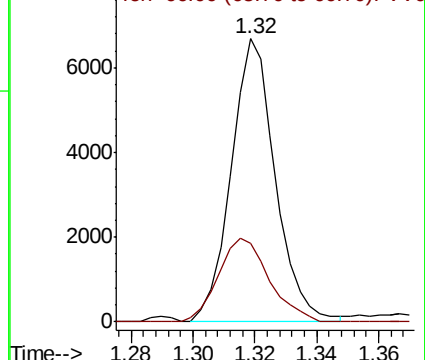
64 100

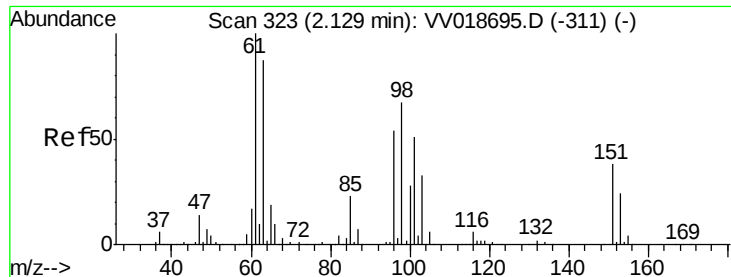
66 27.8 22.8 42.4



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0





#10

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

Concen: 0.852 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV018699.D

Acq: 06 Oct 2020 19:37

Instrument :

MSVOA_V

ClientSampled :

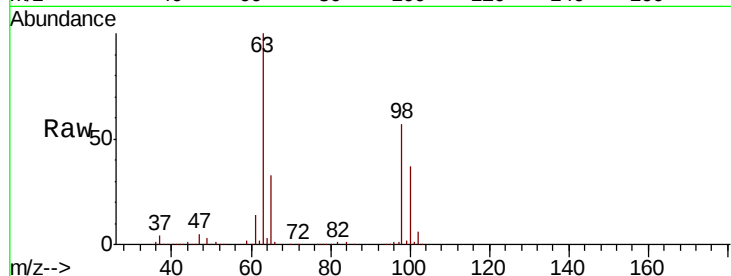
Tot Ion:101 Resp: 1334

Ion Ratio Lower Upper

101 100

85 3.2 34.6 52.0#

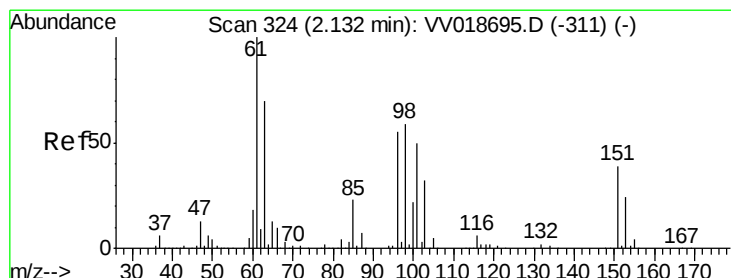
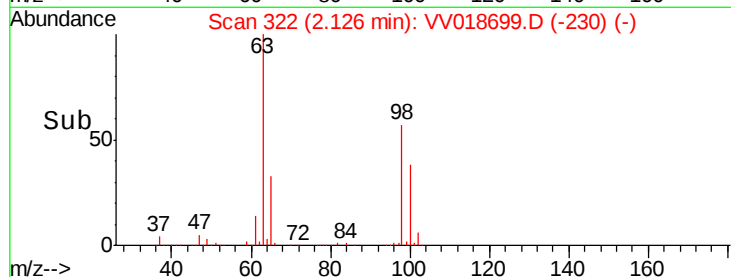
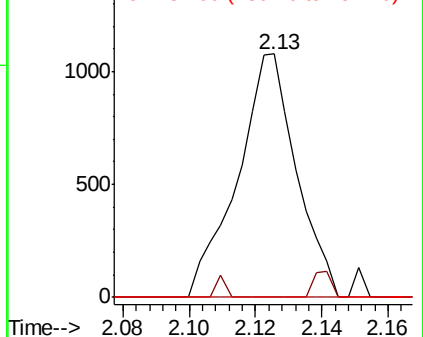
151 0.0 64.3 96.5#



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



#12

1,1-Dichloroethene

Concen: 0.932 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018699.D

Acq: 06 Oct 2020 19:37

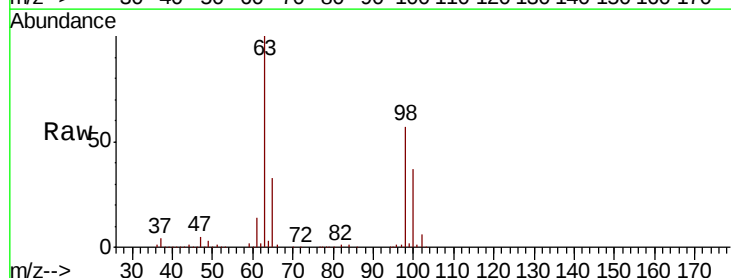
Tgt Ion: 96 Resp: 1401

Ion Ratio Lower Upper

96 100

61 1282.7 122.8 228.1#

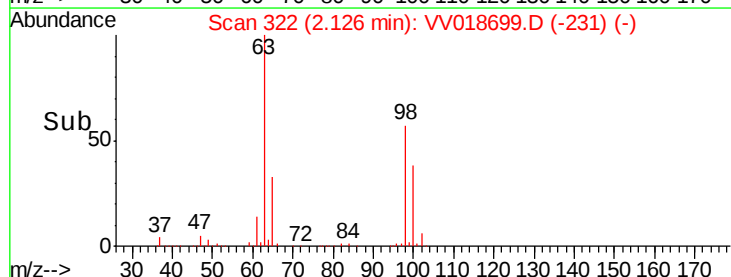
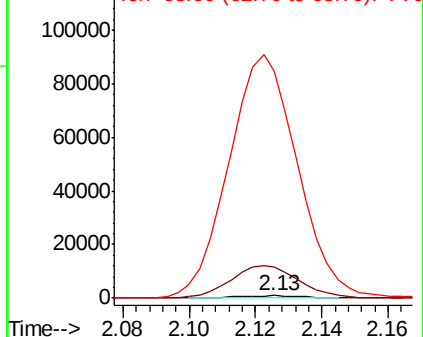
63 9463.4 91.9 170.7#

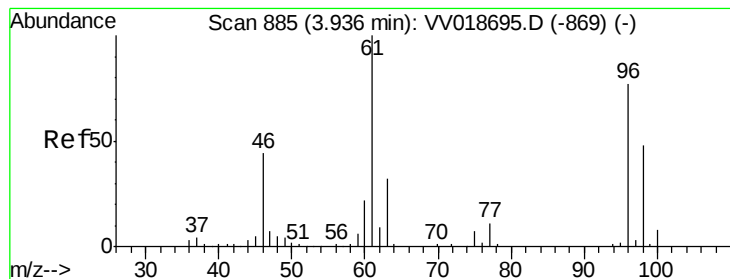


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



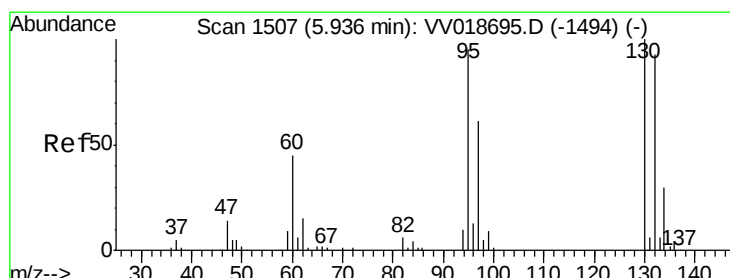
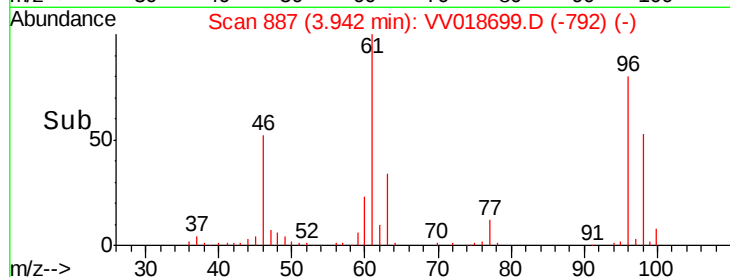
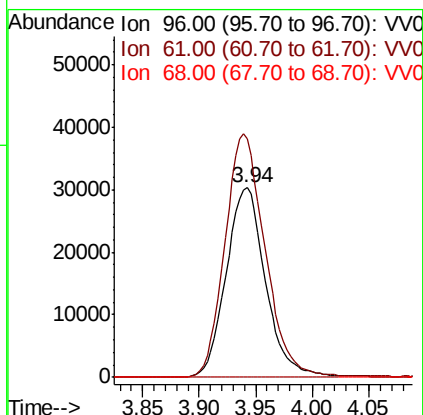
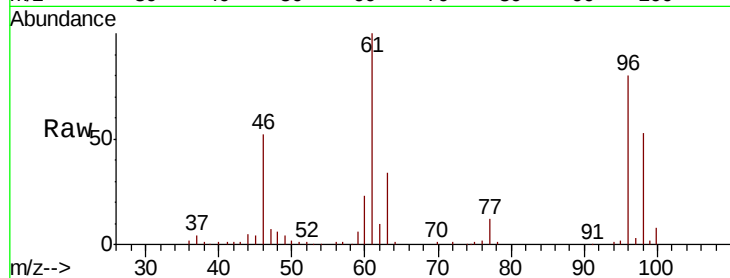


#20

cis-1,2-Dichloroethene
Concen: 40.356 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV018699.D
Acq: 06 Oct 2020 19:37

Instrument :
MSVOA_V
ClientSampleId :

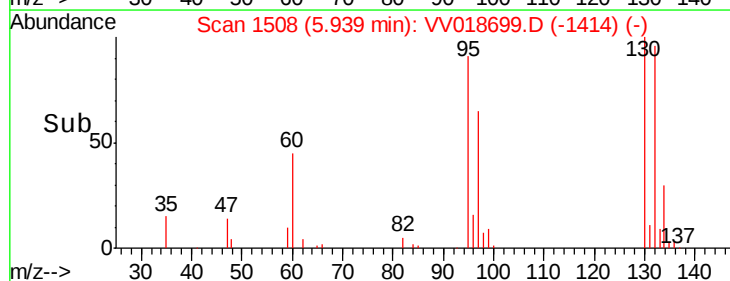
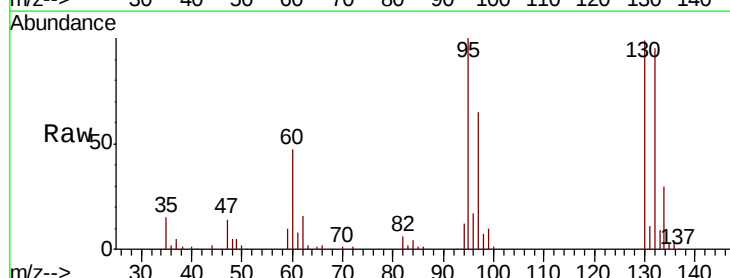
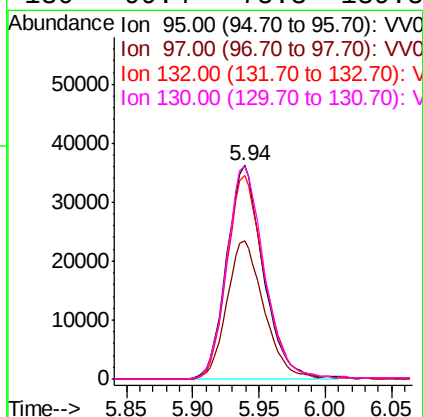
Tot Ion: 96 Resp: 73735
Ion Ratio Lower Upper
96 100
61 125.7 86.8 161.2
68 0.0 0.0 0.0

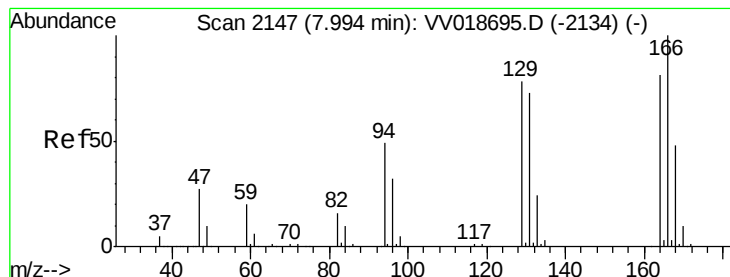


#34

Trichloroethene
Concen: 30.003 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV018699.D
Acq: 06 Oct 2020 19:37

Tgt Ion: 95 Resp: 69397
Ion Ratio Lower Upper
95 100
97 64.7 45.9 85.3
132 95.3 70.8 131.4
130 99.4 75.3 139.8





#46

Tetrachloroethene

Concen: 19.453 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018699.D

Acq: 06 Oct 2020 19:37

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 36504

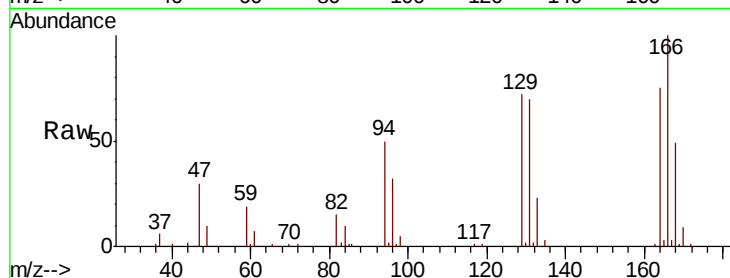
Ion Ratio Lower Upper

164 100

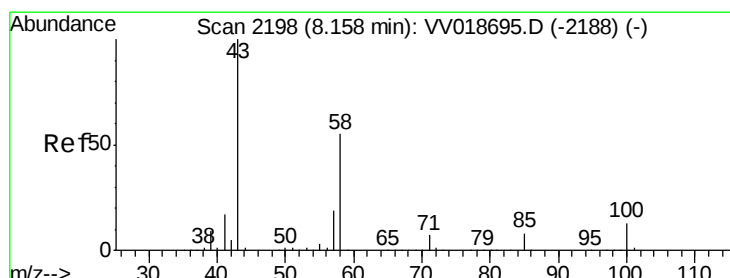
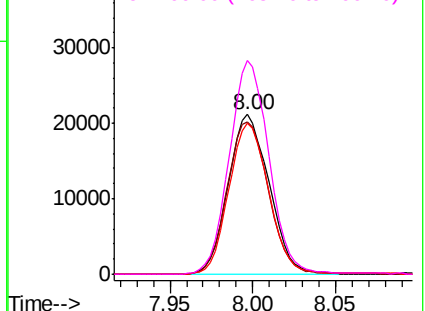
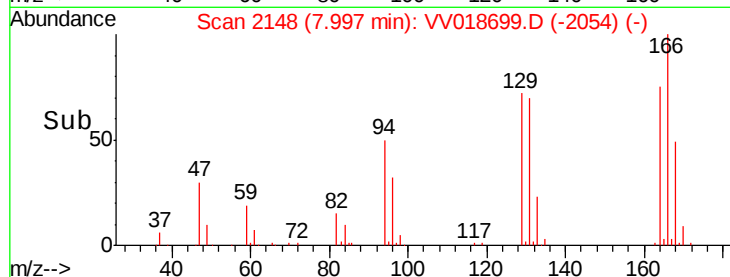
129 95.8 62.8 116.6

131 94.3 60.8 112.8

166 133.8 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: 7.609 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018699.D

Acq: 06 Oct 2020 19:37

Tgt Ion: 43 Resp: 15660

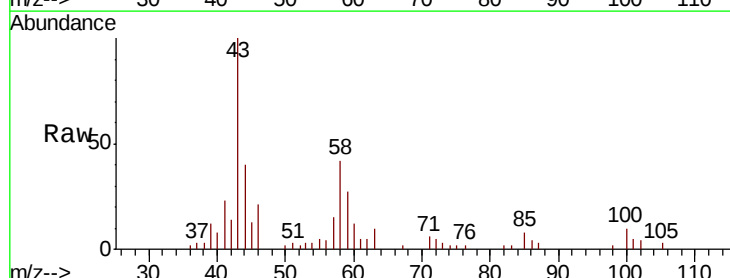
Ion Ratio Lower Upper

43 100

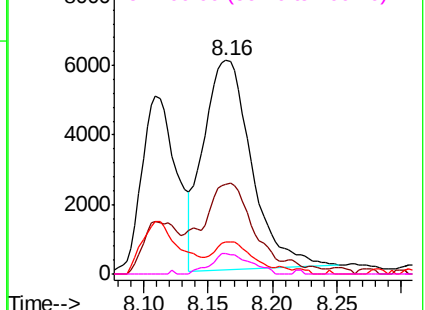
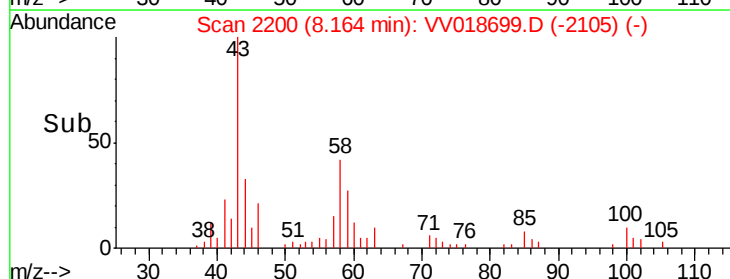
58 29.7 45.1 67.7#

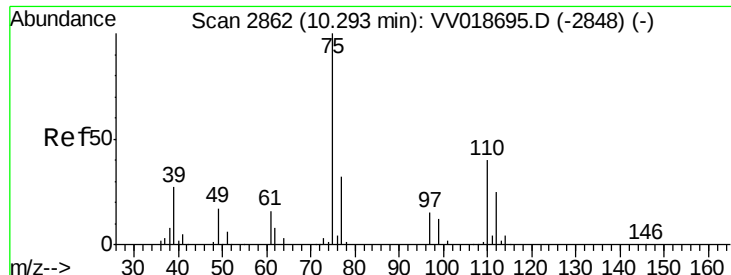
57 12.2 15.7 23.5#

100 8.1 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: 5.787 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018699.D

Acq: 06 Oct 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14389

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.0

