

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018714.D
 Acq On : 07 Oct 2020 01:32
 Operator : SY/MD
 Sample : L4287-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:25:51 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	276606	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123923	50.00	ug/L	0.00

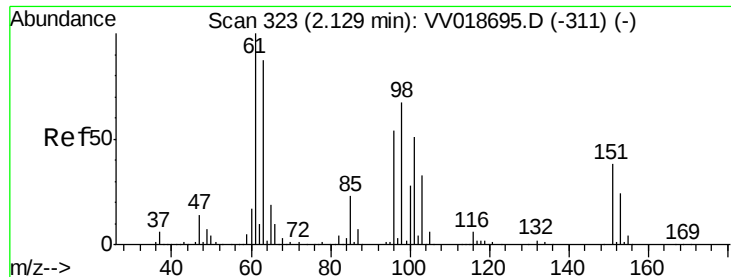
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	78259	48.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.48%
7) Chloroethane-d5	1.58	69	65501	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.66%
11) 1,1-Dichloroethene-d2	2.12	63	122587	37.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.18%
21) 2-Butanone-d5	3.90	46	104466	86.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.33%
24) Chloroform-d	4.38	84	155701	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
26) 1,2-Dichloroethane-d4	5.06	65	110249	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
32) Benzene-d6	5.07	84	300386	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.18%
36) 1,2-Dichloropropane-d6	6.09	67	94663	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.88%
41) Toluene-d8	7.34	98	285163	43.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.96%
43) trans-1,3-Dichloropropene-	7.64	79	42756	37.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.16%
47) 2-Hexanone-d5	8.11	63	56549	70.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	115727	41.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	111181	46.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.30%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1406	0.781 ug/L #	17
39) cis-1,3-Dichloropropene	7.01	75	2922	0.898 ug/L	83
46) Tetrachloroethene	8.00	164	2178	1.144 ug/L	91
48) 2-Hexanone	8.16	43	10194	4.881 ug/L #	76
49) Dibromochloromethane	8.00	129	2230	0.949 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	15924	6.311 ug/L #	88

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



#10

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

Concen: 0.781 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018714.D

Acq: 07 Oct 2020 01:32

Instrument :

MSVOA_V

ClientSampleId :

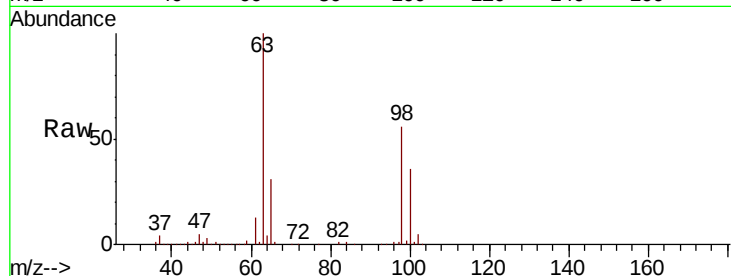
Tot Ion:101 Resp: 1406

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

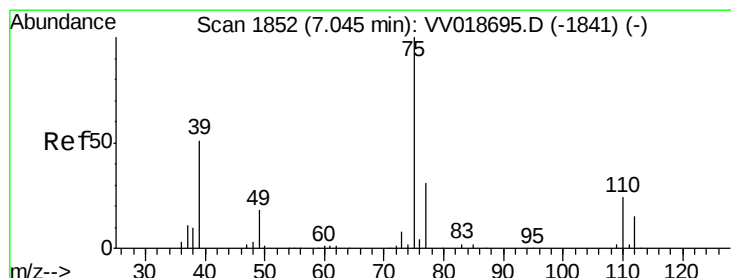
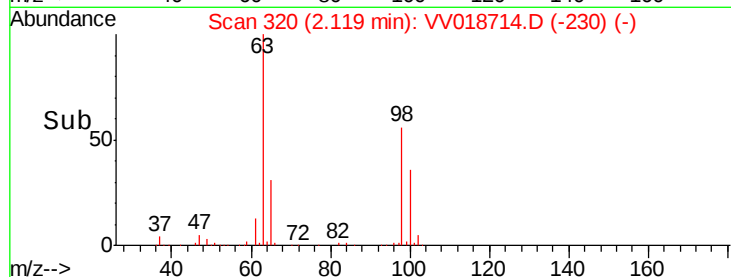
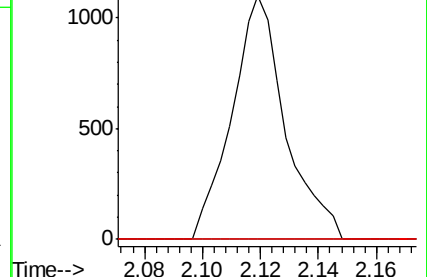
151 0.0 64.3 96.5#



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



#39

cis-1,3-Dichloropropene

Concen: 0.898 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018714.D

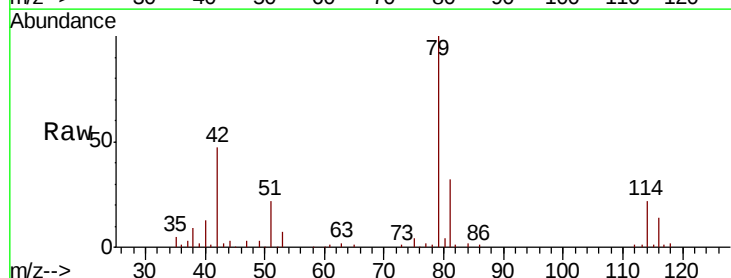
Acq: 07 Oct 2020 01:32

Tgt Ion: 75 Resp: 2922

Ion Ratio Lower Upper

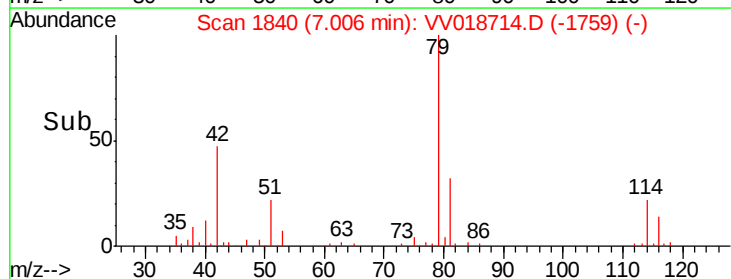
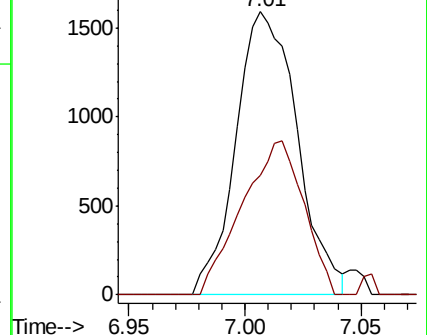
75 100

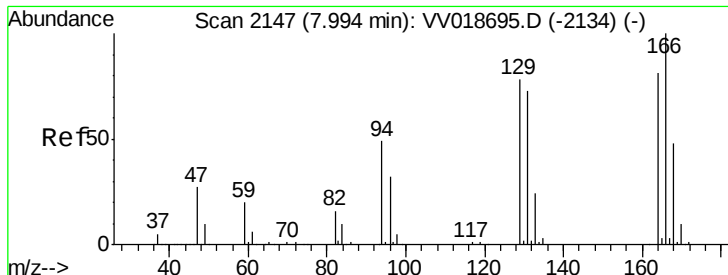
77 42.4 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

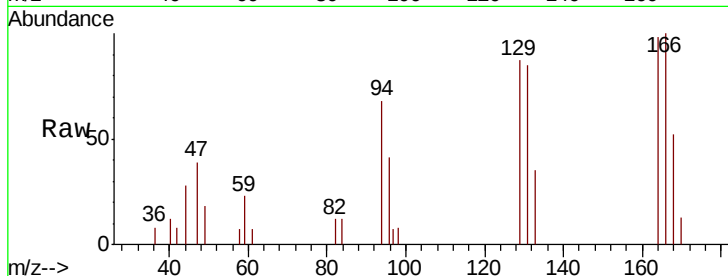




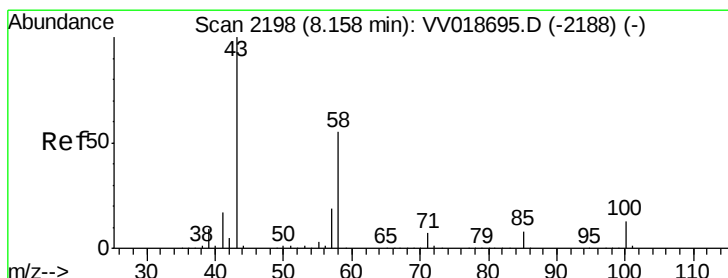
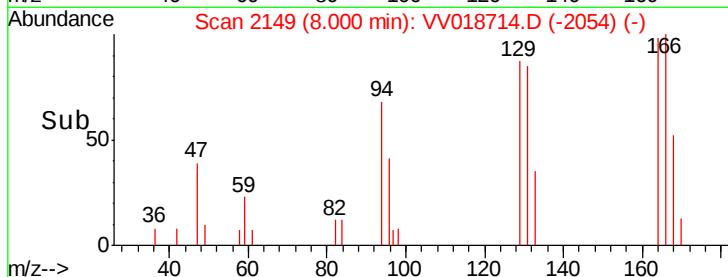
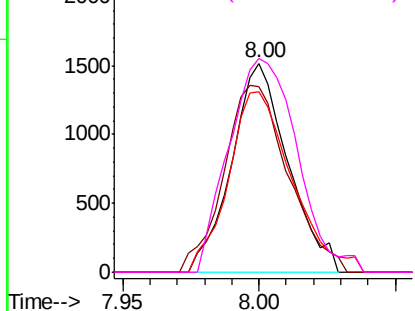
#46
Tetrachloroethene
Concen: 1.144 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV018714.D
Acq: 07 Oct 2020 01:32

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 2178
Ion Ratio Lower Upper
164 100
129 88.7 62.8 116.6
131 86.6 60.8 112.8
166 102.2 88.9 165.1

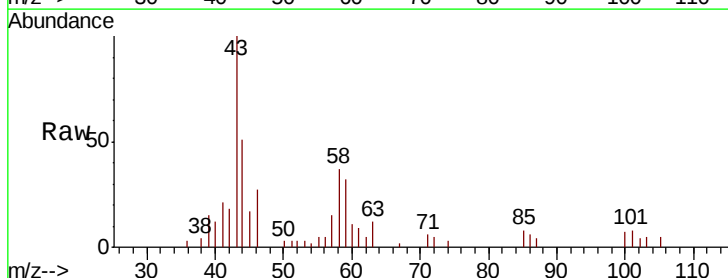


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

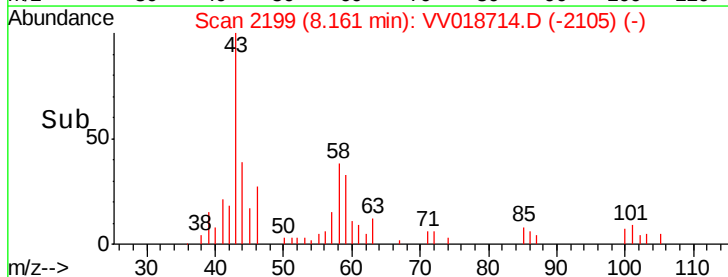
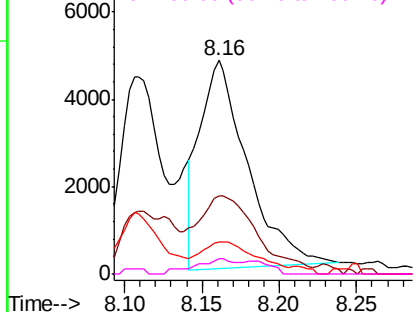


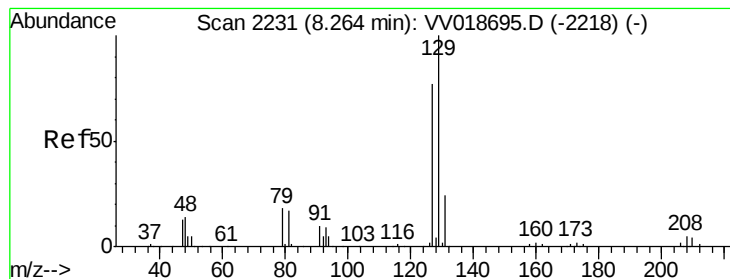
#48
2-Hexanone
Concen: 4.881 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018714.D
Acq: 07 Oct 2020 01:32

Tgt Ion: 43 Resp: 10194
Ion Ratio Lower Upper
43 100
58 34.6 45.1 67.7#
57 17.8 15.7 23.5
100 1.2 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

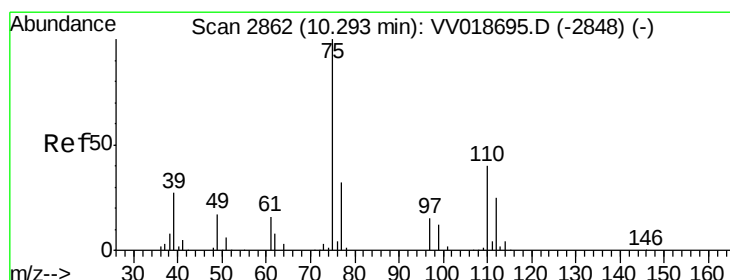
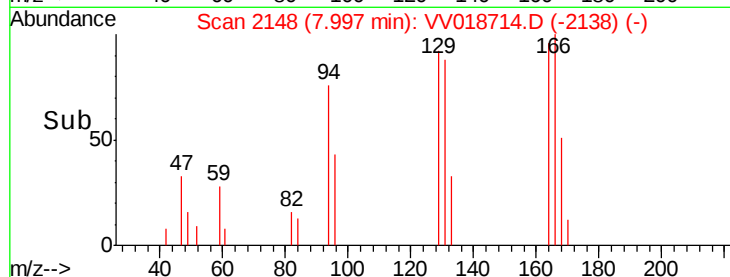
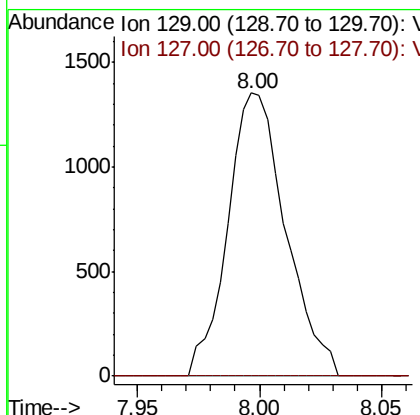
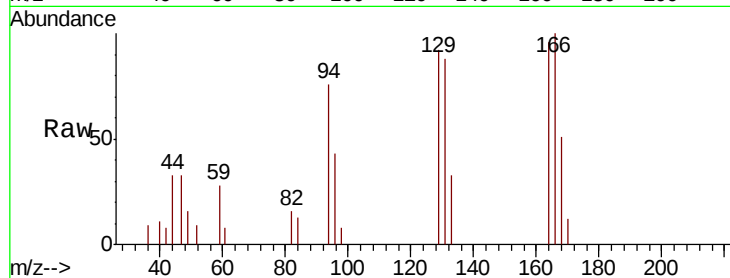




#49
 Dibromochloromethane
 Concen: 0.949 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.27 min
 Lab File: VV018714.D
 Acq: 07 Oct 2020 01:32

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 2230
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.1 100.5#



#59
 1,2,3-Trichloropropane
 Concen: 6.311 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018714.D
 Acq: 07 Oct 2020 01:32

Tgt Ion: 75 Resp: 15924
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.4 38.0#

