

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV017005.D
 Acq On : 19 Jun 2020 17:25
 Operator : SY/MD
 Sample : L3074-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M09

Quant Time: Jun 20 02:07:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	329605	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145222	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106165	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.30%
7) Chloroethane-d5	1.58	69	67011	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.04%
11) 1,1-Dichloroethene-d2	2.12	63	156463	40.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.12%
21) 2-Butanone-d5	3.91	46	158993	92.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.36%
24) Chloroform-d	4.38	84	225913	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
26) 1,2-Dichloroethane-d4	5.06	65	160492	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
32) Benzene-d6	5.08	84	437108	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.09	67	133335	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.86%
41) Toluene-d8	7.34	98	398804	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.64	79	66078	45.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.26%
47) 2-Hexanone-d5	8.11	63	95489	77.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160091	43.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	160793	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

Target Compounds

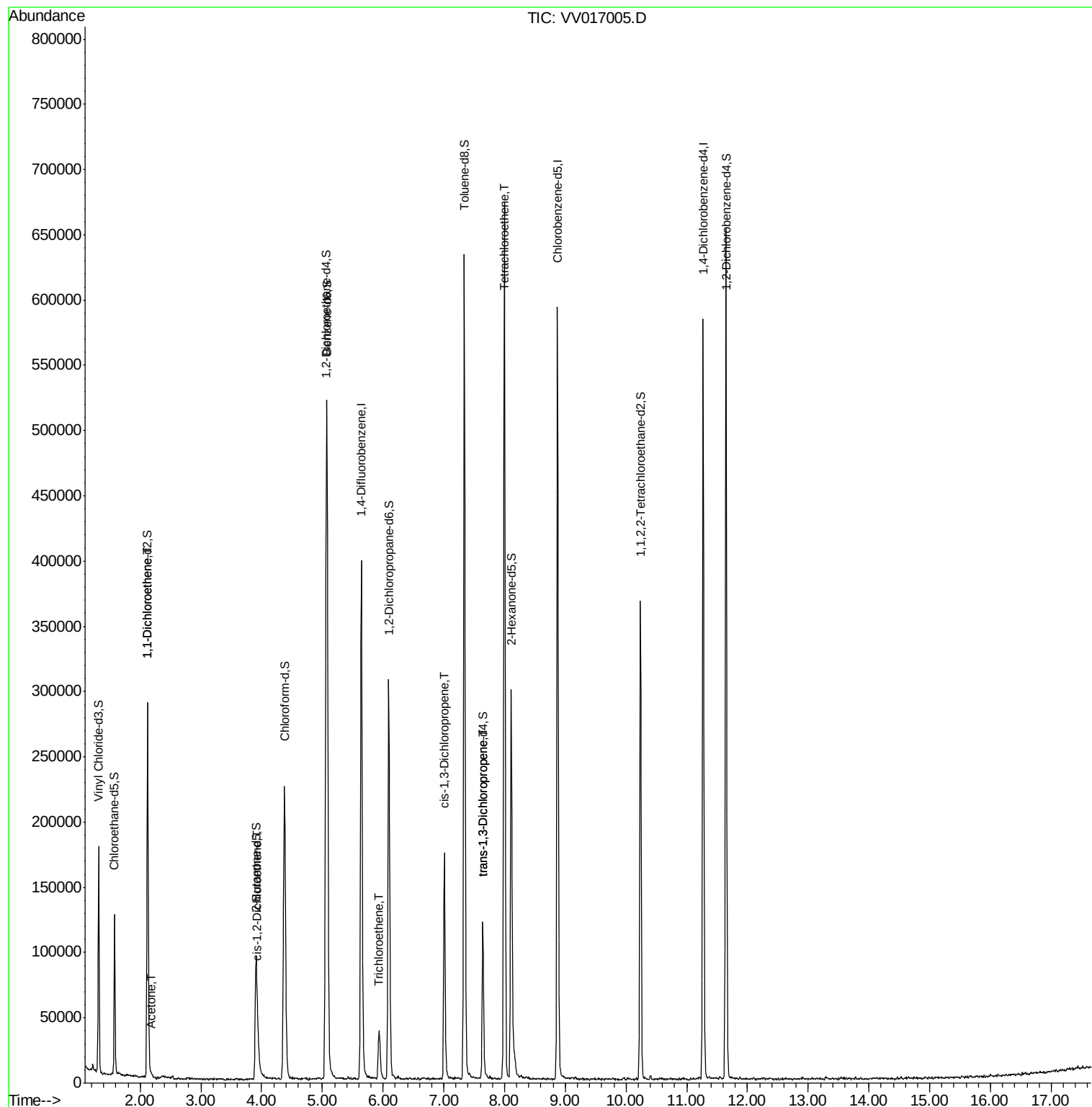
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1326	0.811 ug/L #	1
13) Acetone	2.19	43	3230	2.848 ug/L	69
20) cis-1,2-Dichloroethene	3.94	96	4350	1.789 ug/L	97
34) Trichloroethene	5.95	95	6864	2.765 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	5380	1.439 ug/L	92
44) trans-1,3-Dichloropropene	7.64	75	3497	0.962 ug/L #	83
46) Tetrachloroethene	8.00	164	143981	73.740 ug/L	99

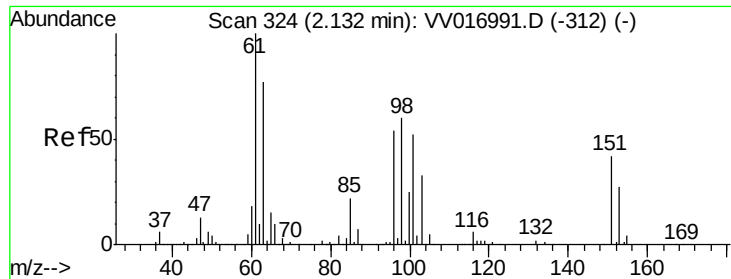
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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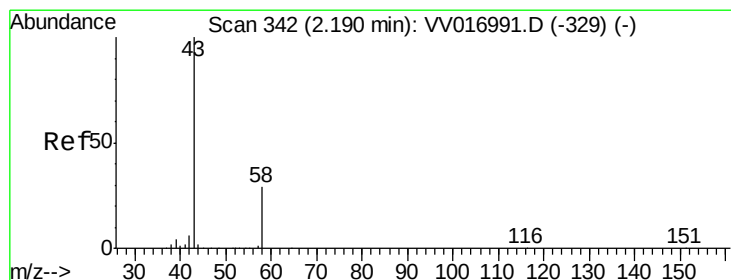
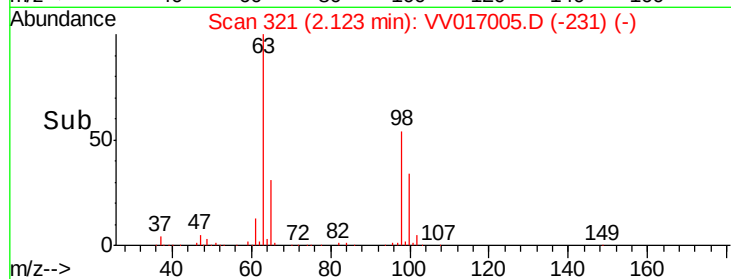
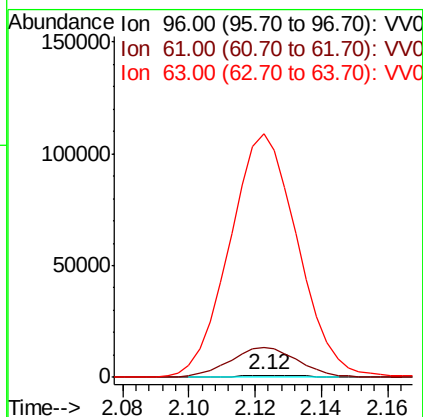
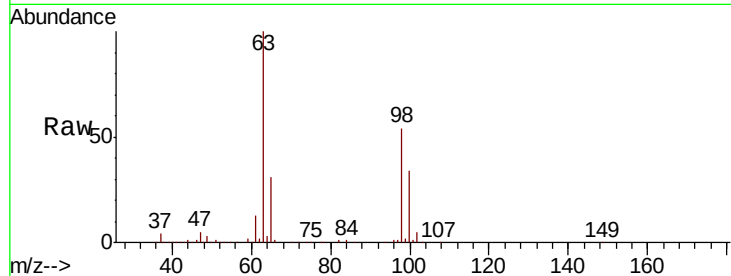




#12
 1,1-Dichloroethene
 Concen: 0.811 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV017005.D
 Acq: 19 Jun 2020 17:25

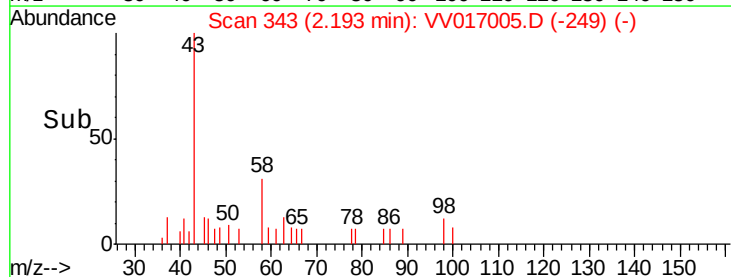
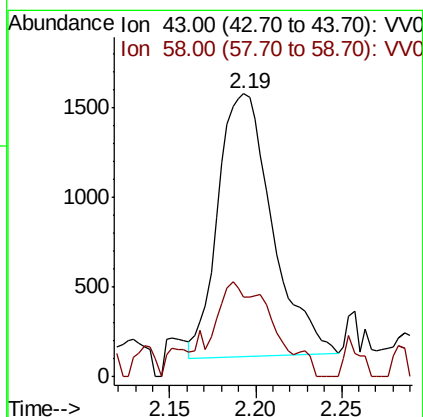
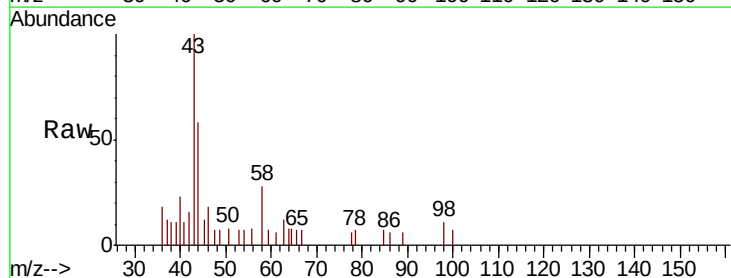
Instrument :
 MSVOA_V
 ClientSampleId :
 F9M09

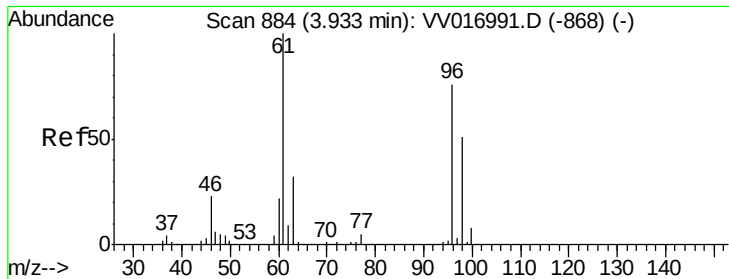
Tot Ion: 96 Resp: 1326
 Ion Ratio Lower Upper
 96 100
 61 1563.3 130.4 242.2#
 63 12489.0 103.3 191.9#



#13
 Acetone
 Concen: 2.848 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV017005.D
 Acq: 19 Jun 2020 17:25

Tgt Ion: 43 Resp: 3230
 Ion Ratio Lower Upper
 43 100
 58 11.2 0.0 55.2



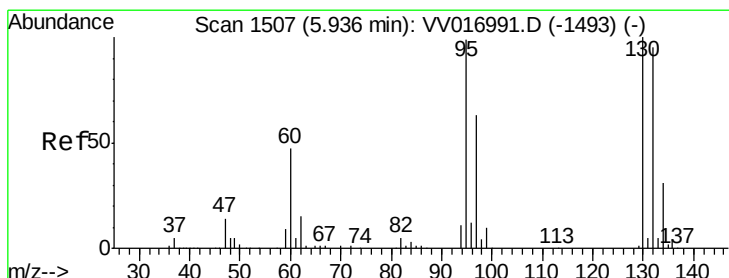
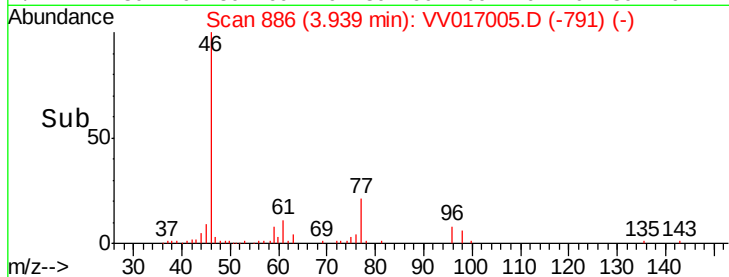
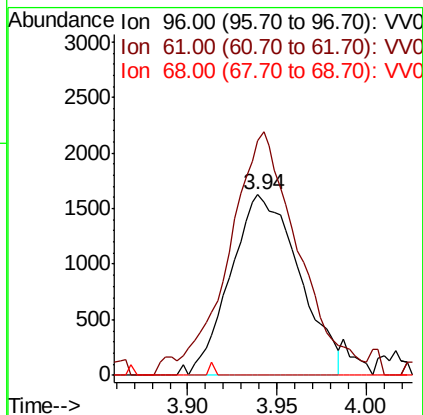
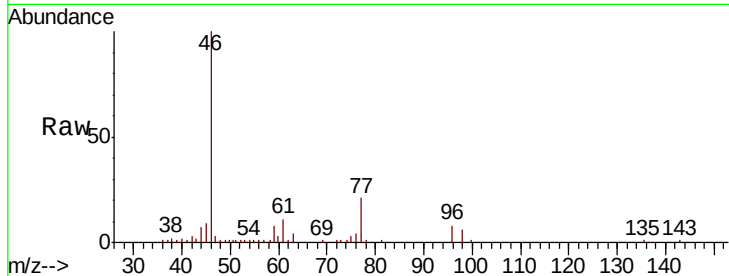


#20

cis-1,2-Dichloroethene
Concen: 1.789 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV017005.D
Acq: 19 Jun 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :
F9M09

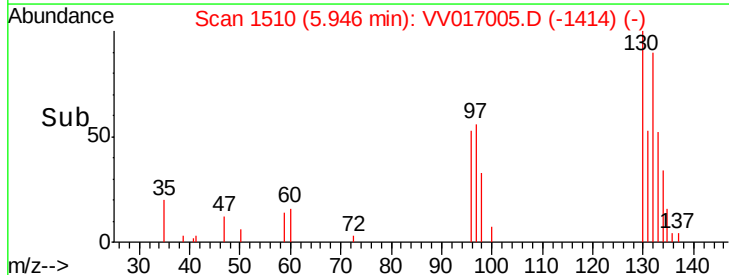
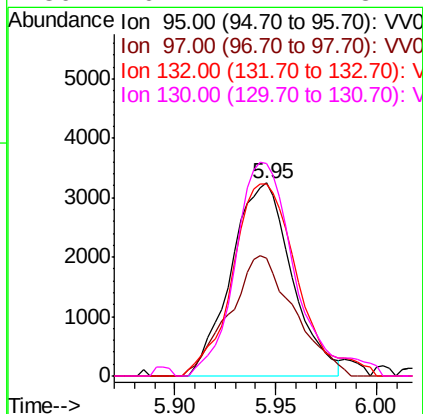
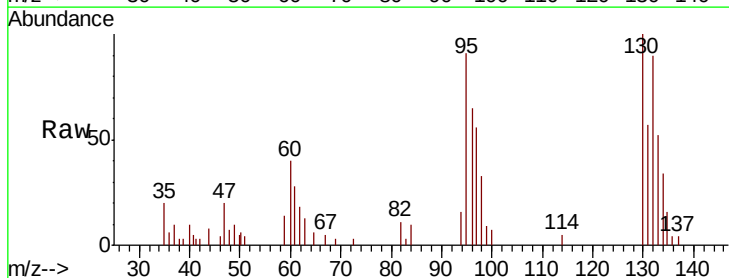
Tot Ion: 96 Resp: 4350
Ion Ratio Lower Upper
96 100
61 129.8 93.4 173.4
68 0.0 0.0 0.0

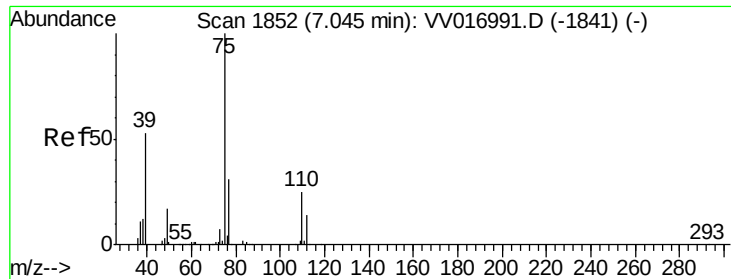


#34

Trichloroethene
Concen: 2.765 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017005.D
Acq: 19 Jun 2020 17:25

Tgt Ion: 95 Resp: 6864
Ion Ratio Lower Upper
95 100
97 61.4 44.3 82.3
132 99.4 67.9 126.1
130 110.2 72.2 134.2

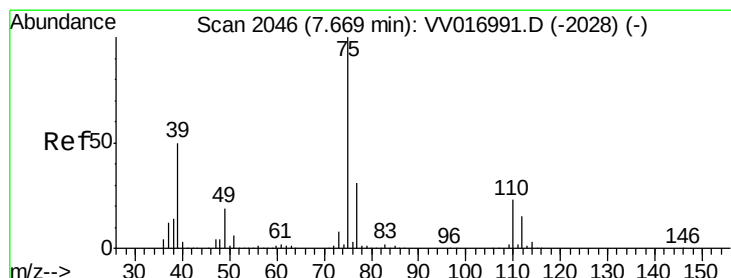
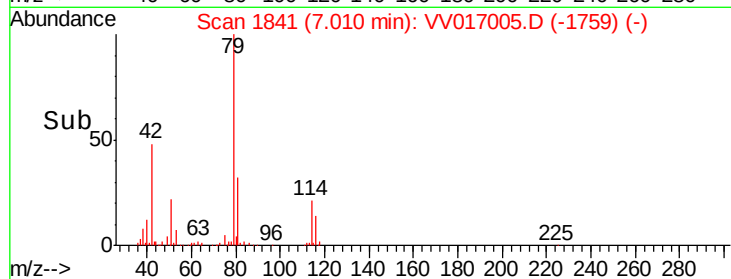
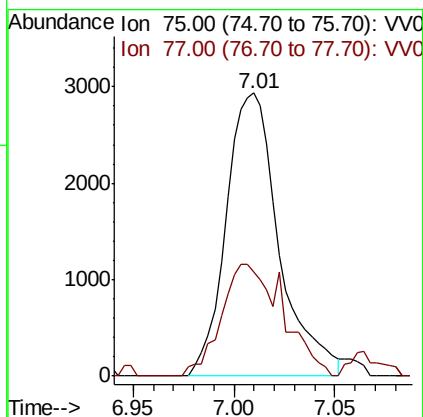
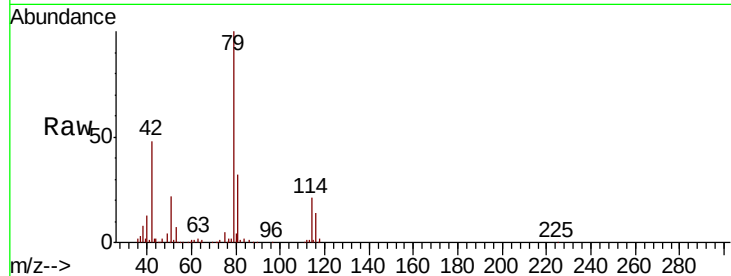




#39
 cis-1,3-Dichloropropene
 Concen: 1.439 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017005.D
 Acq: 19 Jun 2020 17:25

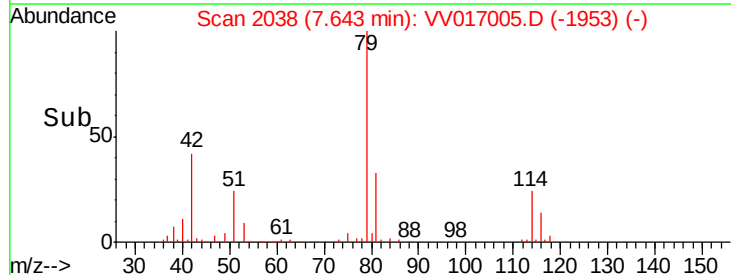
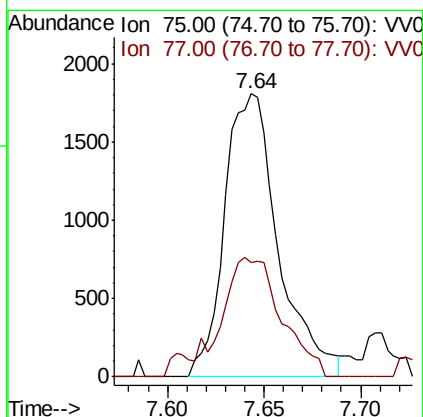
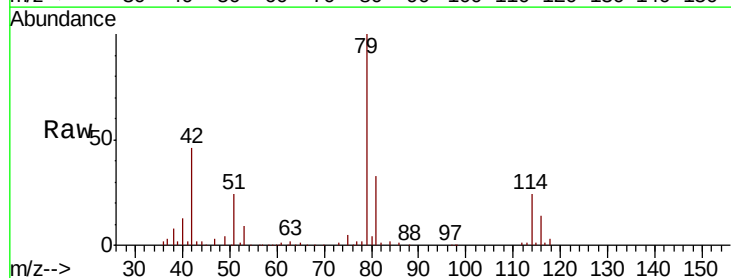
Instrument :
 MSVOA_V
 ClientSampled :
 F9M09

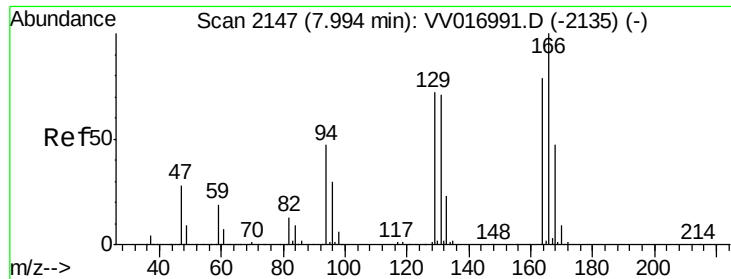
Tot Ion: 75 Resp: 5380
 Ion Ratio Lower Upper
 75 100
 77 36.7 22.7 42.1



#44
 trans-1,3-Dichloropropene
 Concen: 0.962 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017005.D
 Acq: 19 Jun 2020 17:25

Tgt Ion: 75 Resp: 3497
 Ion Ratio Lower Upper
 75 100
 77 40.5 21.7 40.3#





#46

Tetrachloroethene

Concen: 73.740 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017005.D

Acq: 19 Jun 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :
F9M09

Tot Ion:164 Resp: 143981

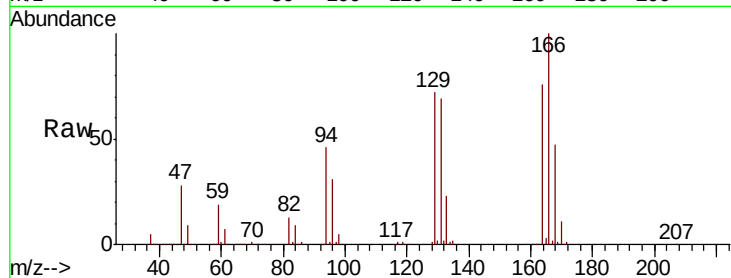
Ion Ratio Lower Upper

164 100

129 94.9 67.0 124.4

131 91.1 64.8 120.3

166 131.1 90.4 167.8



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

