

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051520\
 Data File : VV016086.D
 Acq On : 15 May 2020 13:58
 Operator : SY/MD
 Sample : L2661-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 16 01:45:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144268	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	145631	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37408	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	38494	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.12	63	58621	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.96	46	125981	56.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.86%
24) Chloroform-d	4.38	84	85234	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.06	65	50056	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.08	84	166879	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.10	67	53236	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.34	98	145715	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
45) trans-1,3-Dichloropropene-	7.65	79	17039	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	8.12	63	99140	54.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39725	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	55422	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

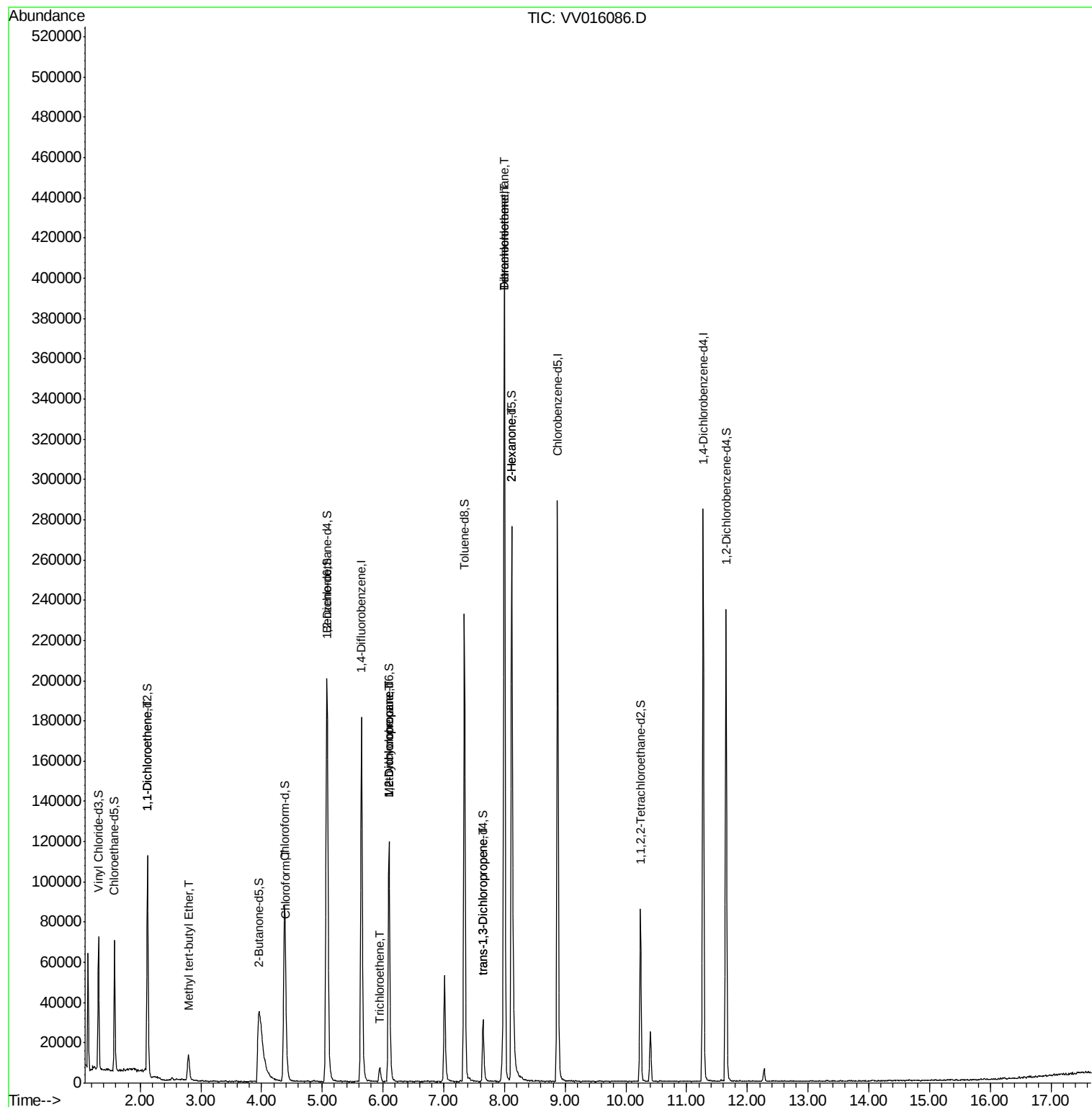
					Ovalue
12) 1,1-Dichloroethene	2.13	96	625	0.079 ug/L #	1
17) Methyl tert-butyl Ether	2.79	73	12965	0.628 ug/L	98
25) Chloroform	4.41	83	7795	0.419 ug/L	89
34) Trichloroethene	5.95	95	2565	0.245 ug/L	86
35) Methylcyclohexane	6.10	83	13165	0.832 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6463	0.694 ug/L #	87
46) trans-1,3-Dichloropropene	7.65	75	902	0.081 ug/L	85
49) Tetrachloroethene	8.00	164	87480	11.988 ug/L	100
50) 2-Hexanone	8.12	43	15486	3.774 ug/L #	74
51) Dibromochloromethane	8.00	129	85252	12.205 ug/L #	9

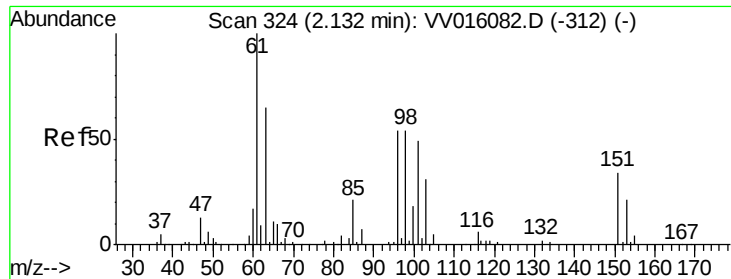
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV051520\
Data File : VV016086.D
Acq On : 15 May 2020 13:58
Operator : SY/MD
Sample : L2661-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 16 01:45:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 16 01:43:07 2020
Response via : Initial Calibration

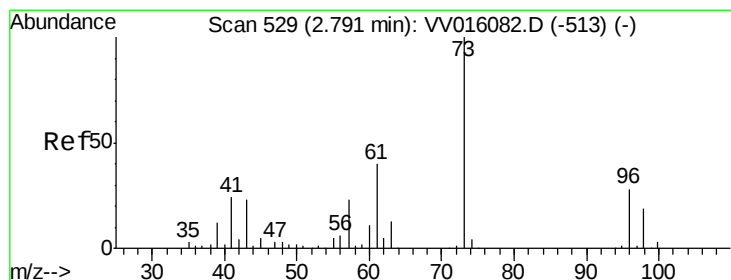
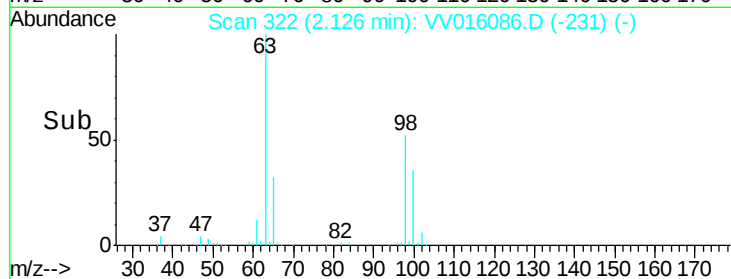
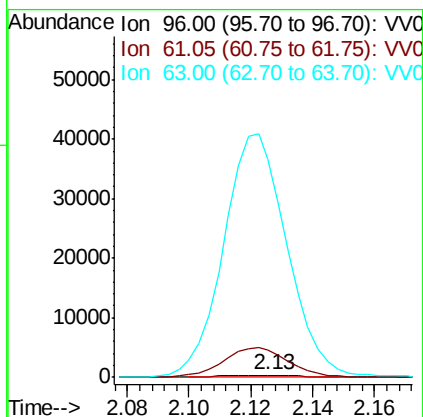
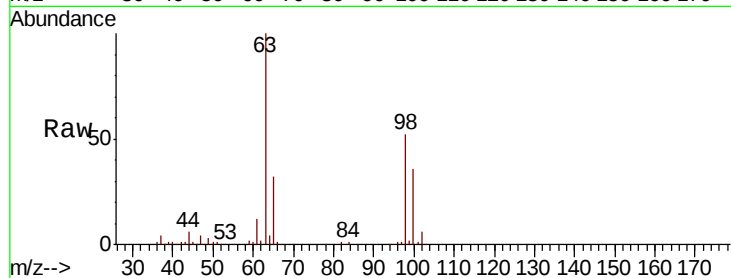




#12
 1,1-Dichloroethene
 Concen: 0.079 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV016086.D
 Acq: 15 May 2020 13:58

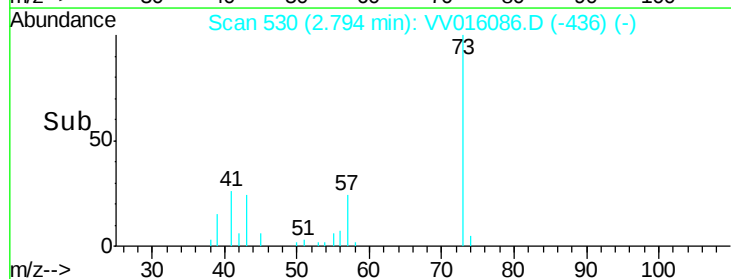
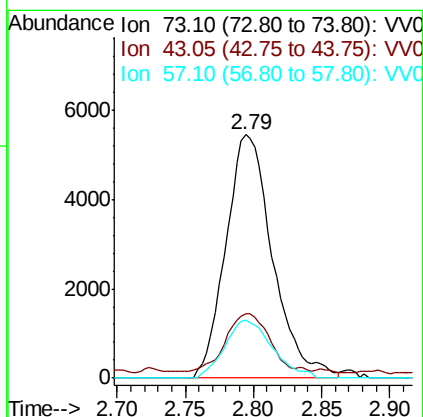
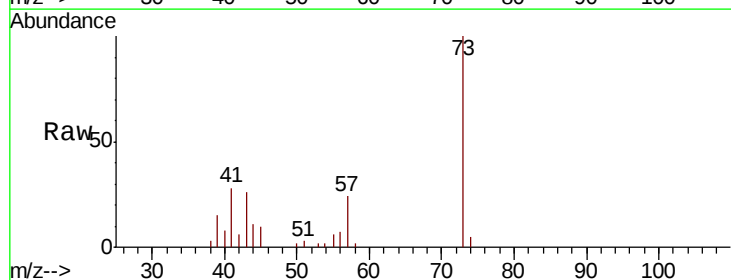
Instrument :
 MSVOA_V
 ClientSampled :

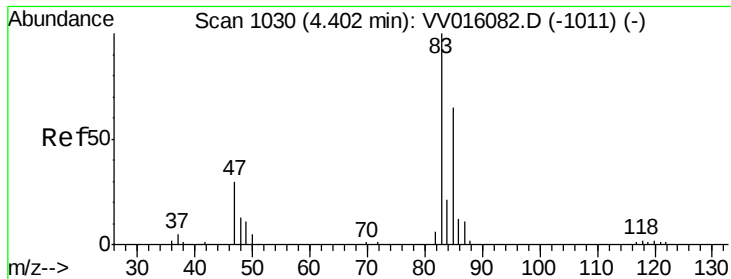
Tot Ion: 96 Resp: 625
 Ion Ratio Lower Upper
 96 100
 61 1236.4 139.9 259.7#
 63 9965.2 106.4 197.6#



#17
 Methyl tert-butyl Ether
 Concen: 0.628 ug/L
 RT: 2.79 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VV016086.D
 Acq: 15 May 2020 13:58

Tgt Ion: 73 Resp: 12965
 Ion Ratio Lower Upper
 73 100
 43 23.6 18.8 28.2
 57 24.1 17.8 26.6

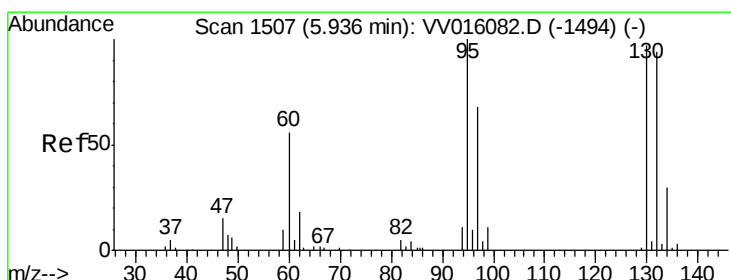
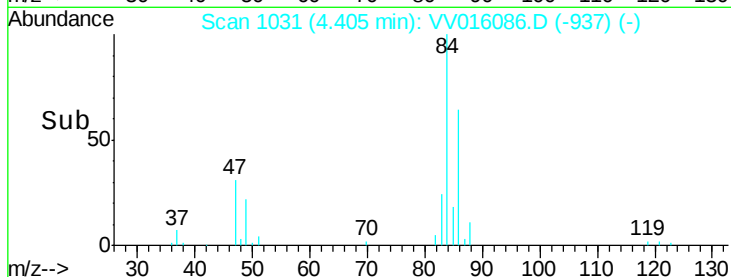
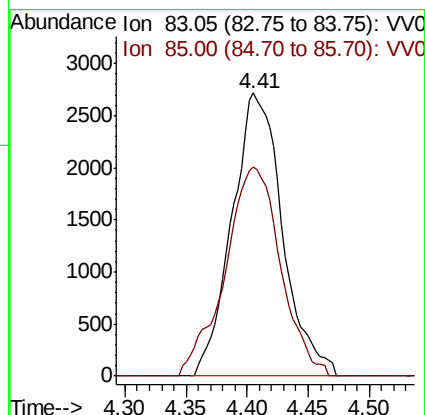
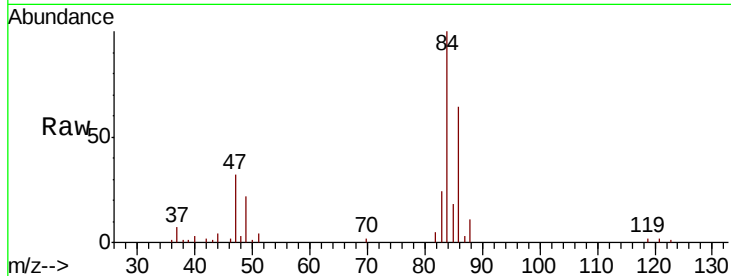




#25
Chloroform
Concen: 0.419 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016086.D
Acq: 15 May 2020 13:58

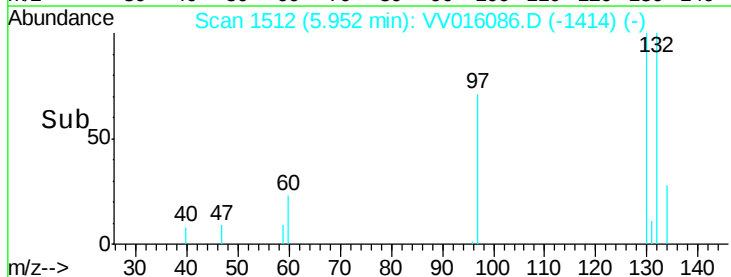
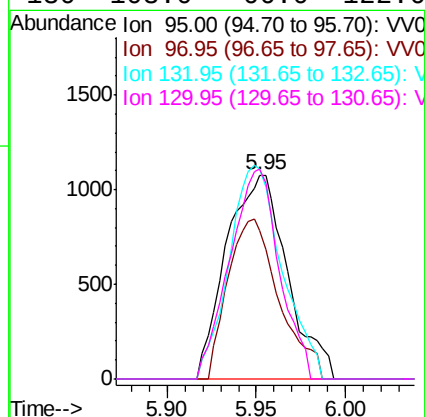
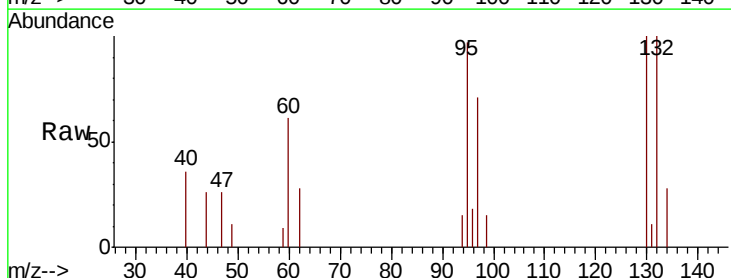
Instrument :
MSVOA_V
ClientSampleId :

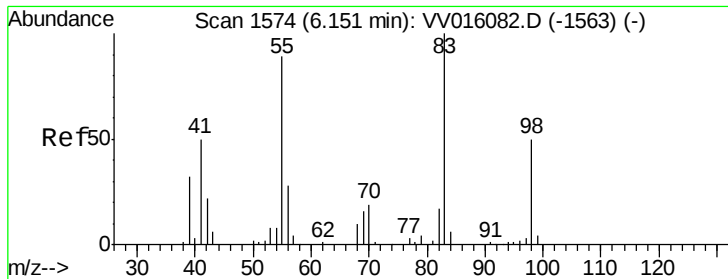
Tot Ion: 83 Resp: 7795
Ion Ratio Lower Upper
83 100
85 74.1 45.7 84.9



#34
Trichloroethene
Concen: 0.245 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. 0.02 min
Lab File: VV016086.D
Acq: 15 May 2020 13:58

Tgt Ion: 95 Resp: 2565
Ion Ratio Lower Upper
95 100
97 72.9 43.3 80.5
132 103.0 60.3 112.1
130 103.0 66.0 122.6





#35

Methvlcvclohexane

Concen: 0.832 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016086.D

Acq: 15 May 2020 13:58

Instrument :
MSVOA_V
ClientSampleId :

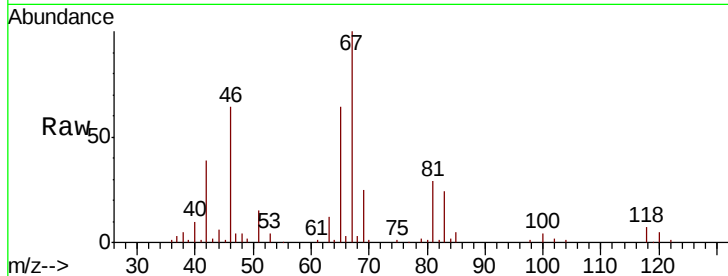
Tot Ion: 83 Resp: 13165

Ion Ratio Lower Upper

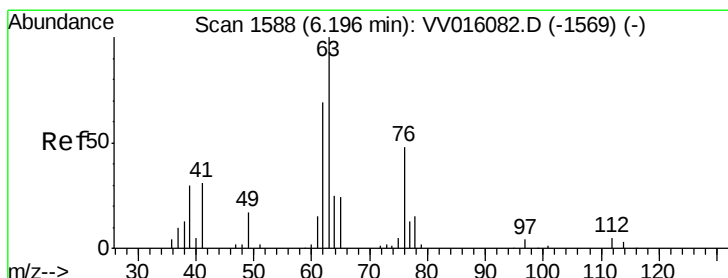
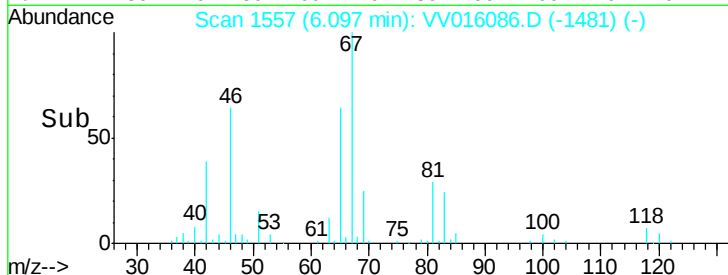
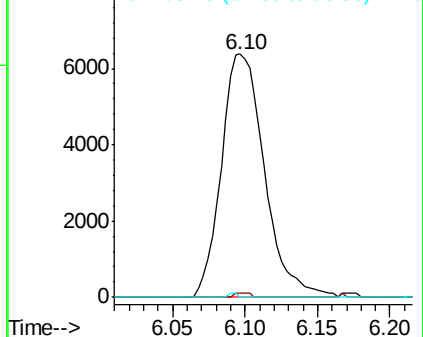
83 100

55 0.6 66.2 99.2#

98 0.4 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.694 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016086.D

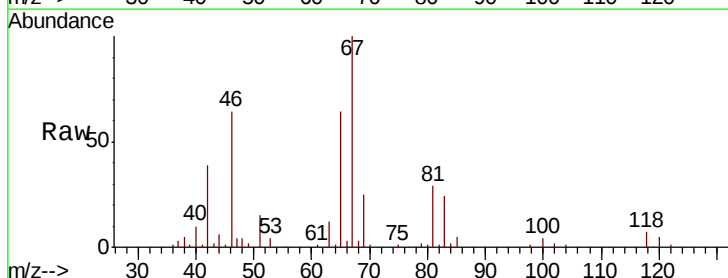
Acq: 15 May 2020 13:58

Tgt Ion: 63 Resp: 6463

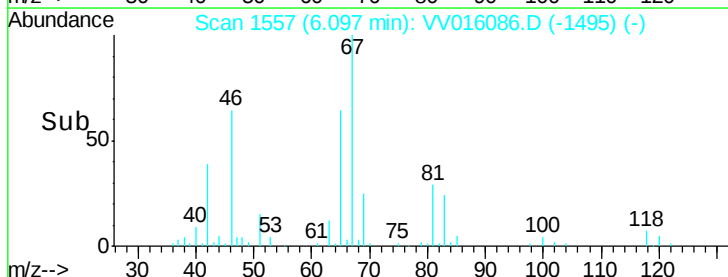
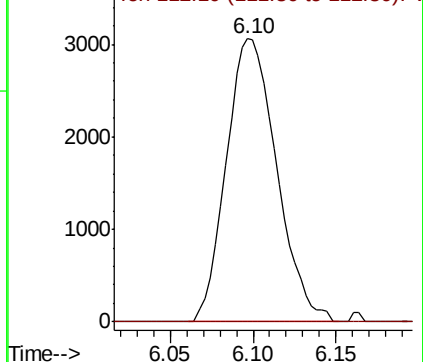
Ion Ratio Lower Upper

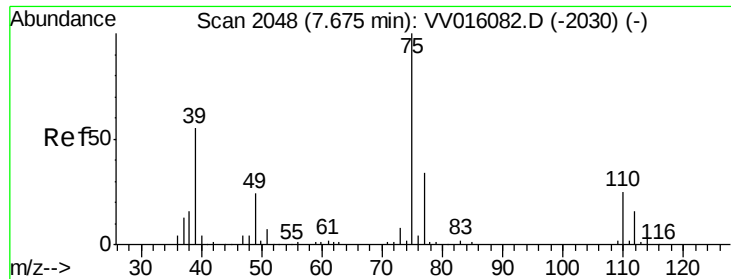
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#46

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.03 min

Lab File: VV016086.D

Acq: 15 May 2020 13:58

Instrument :

MSVOA_V

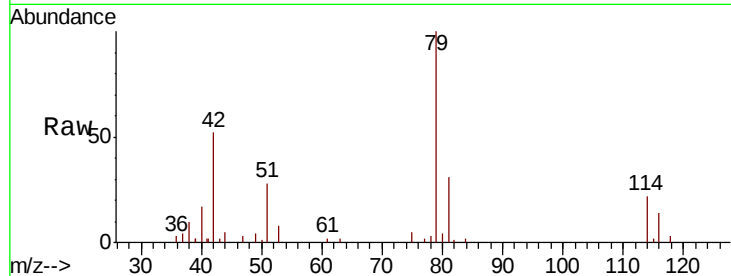
ClientSampled :

Tot Ion: 75 Resp: 902

Ion Ratio Lower Upper

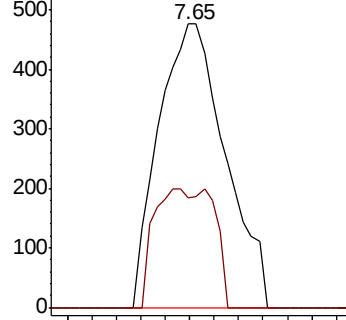
75 100

77 38.7 21.3 39.6

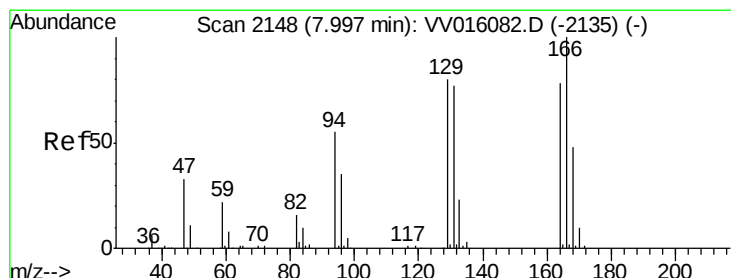
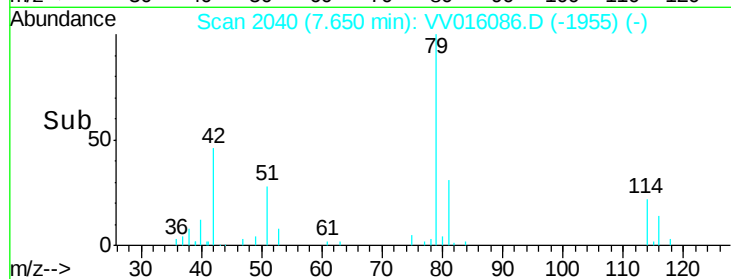


Abundance Ion 75.05 (74.75 to 75.75): VV016082.D (-2030) (-)

Ion 77.05 (76.75 to 77.75): VV016082.D (-2030) (-)



Time-->



#49

Tetrachloroethene

Concen: 11.988 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016086.D

Acq: 15 May 2020 13:58

Tgt Ion: 164 Resp: 87480

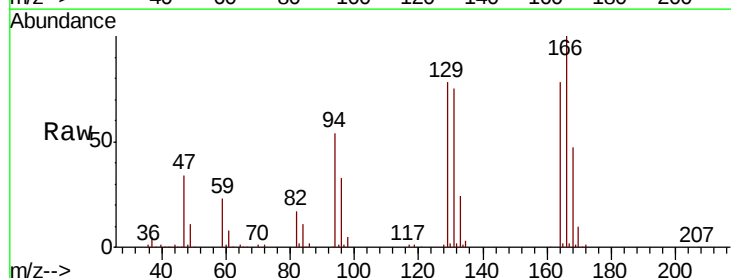
Ion Ratio Lower Upper

164 100

129 99.4 69.7 129.4

131 96.2 66.8 124.2

166 128.0 89.1 165.5

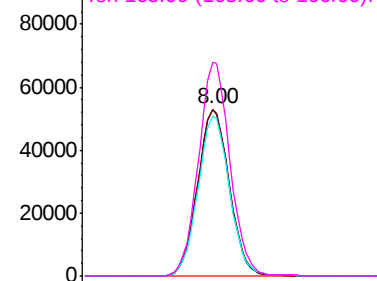


Abundance Ion 163.90 (163.60 to 164.60): VV016082.D (-2135) (-)

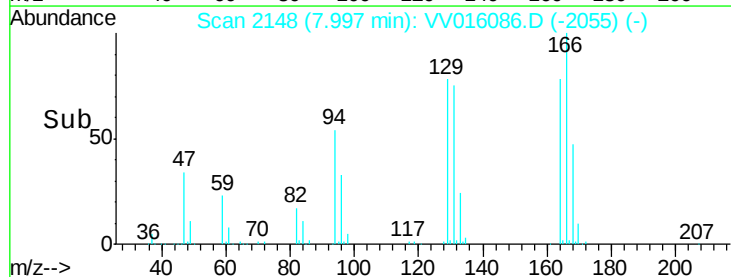
Ion 128.95 (128.65 to 129.65): VV016082.D (-2135) (-)

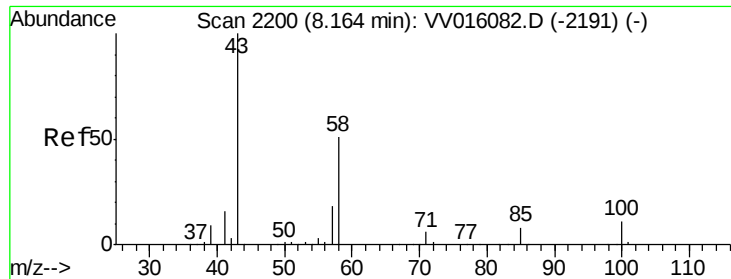
Ion 130.95 (130.65 to 131.65): VV016082.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV016082.D (-2135) (-)



Time-->

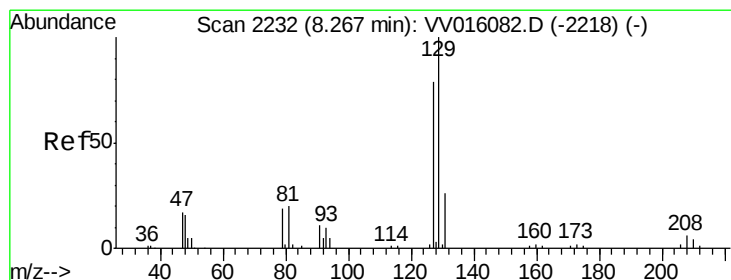
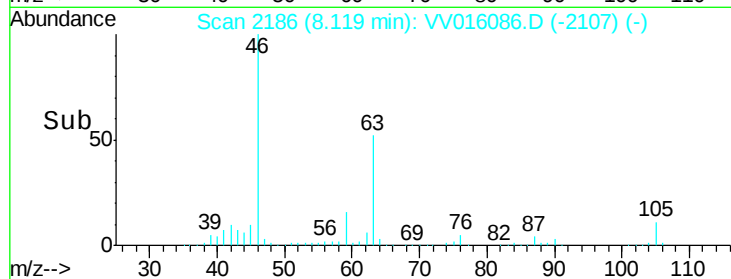
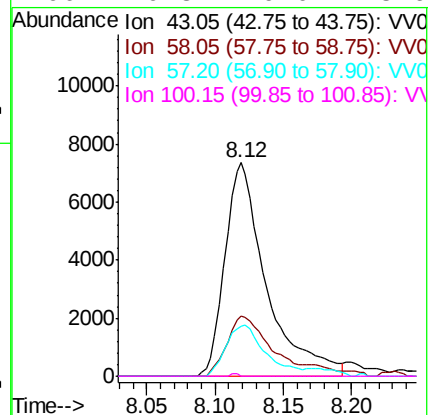
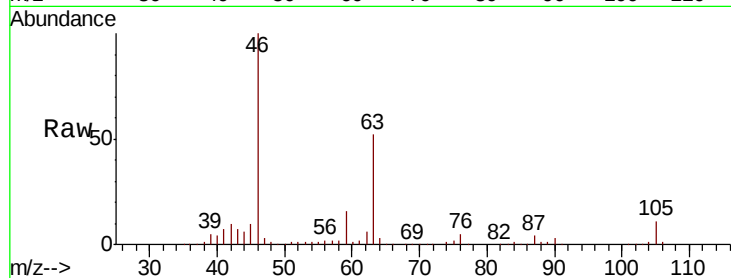




#50
2-Hexanone
Concen: 3.774 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016086.D
Acq: 15 May 2020 13:58

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 15486
Ion Ratio Lower Upper
43 100
58 29.5 40.8 61.2#
57 22.9 14.7 22.1#
100 0.3 9.0 13.6#



#51
Dibromochloromethane
Concen: 12.205 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV016086.D
Acq: 15 May 2020 13:58

Tgt Ion: 129 Resp: 85252
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#

