

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016011.D
 Acq On : 12 May 2020 13:56
 Operator : SY/MD
 Sample : L2541-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4251

Quant Time: May 13 07:30:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	129936	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125852	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	54326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29628	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	30721	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	49019	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.93	46	107750	53.59	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	4.38	84	70790	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.06	65	46642	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.08	84	146261	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.10	67	48737	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.34	98	126142	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
45) trans-1,3-Dichloropropene-	7.65	79	11603	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
48) 2-Hexanone-d5	8.12	63	68991	43.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34534	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	48407	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

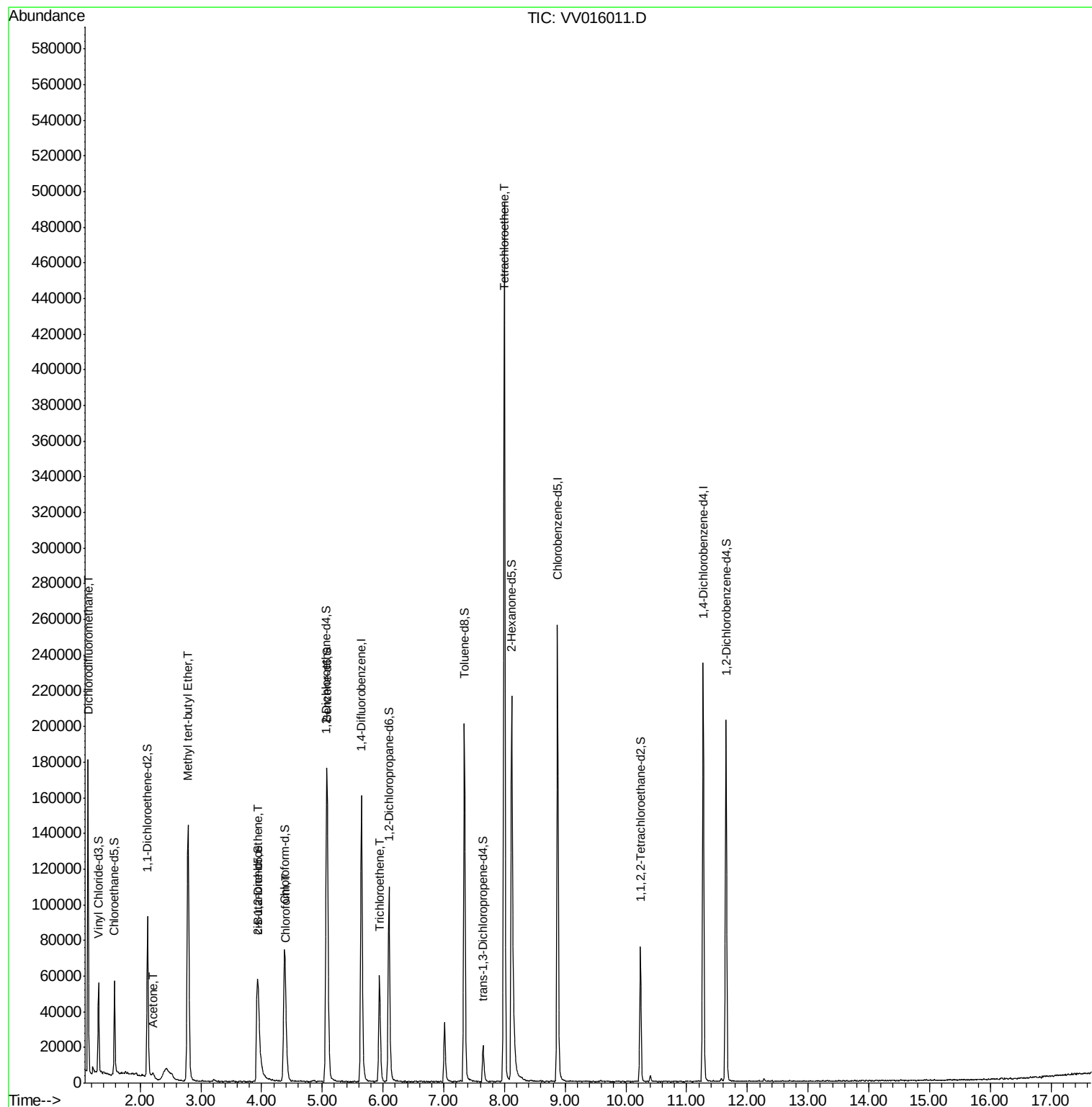
					Ovalue
2) Dichlorodifluoromethane	1.14	85	1964	0.197 ug/L	99
13) Acetone	2.21	43	6980	5.262 ug/L	66
17) Methyl tert-butyl Ether	2.79	73	136862	7.366 ug/L	99
22) cis-1,2-Dichloroethene	3.95	96	5028	0.608 ug/L	92
25) Chloroform	4.41	83	13387	0.799 ug/L	91
34) Trichloroethene	5.94	95	20135	2.228 ug/L	95
49) Tetrachloroethene	8.00	164	99197	15.731 ug/L	99

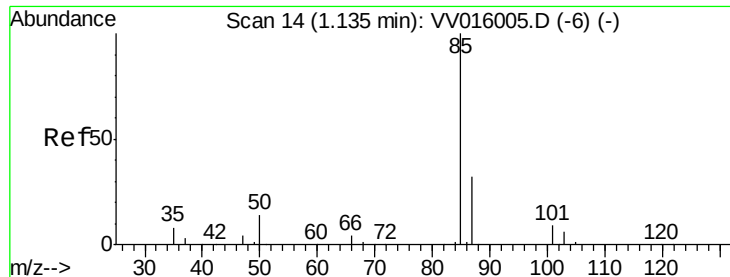
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
Data File : VV016011.D
Acq On : 12 May 2020 13:56
Operator : SY/MD
Sample : L2541-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4251

Quant Time: May 13 07:30:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.197 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016011.D

Acq: 12 May 2020 13:56

Instrument :

MSVOA_V

ClientSampleId :

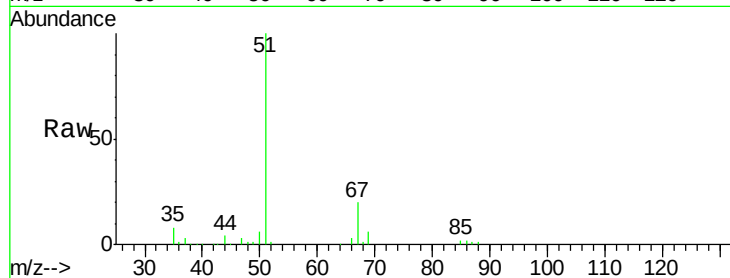
H4251

Tot Ion: 85 Resp: 1964

Ion Ratio Lower Upper

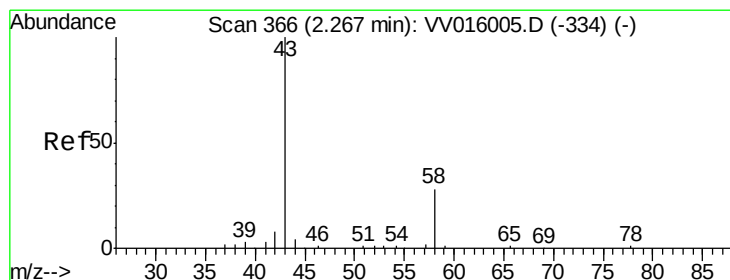
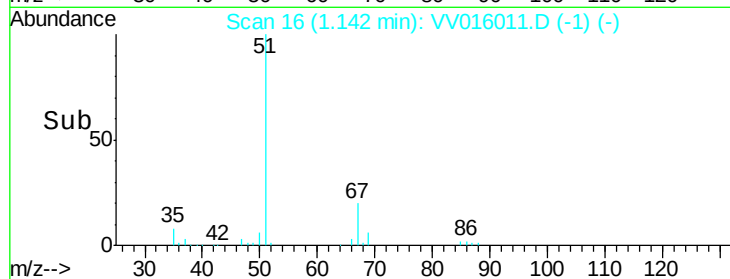
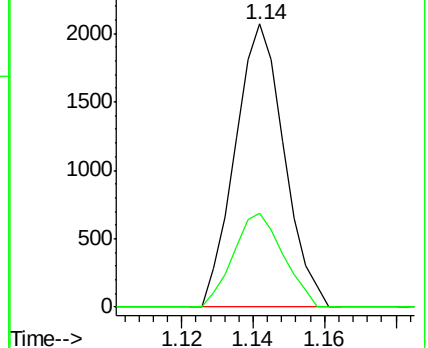
85 100

87 33.8 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 5.262 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.05 min

Lab File: VV016011.D

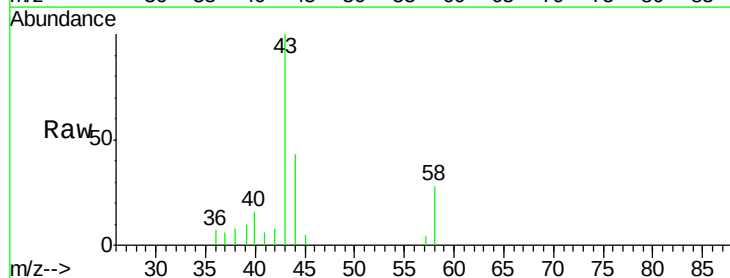
Acq: 12 May 2020 13:56

Tgt Ion: 43 Resp: 6980

Ion Ratio Lower Upper

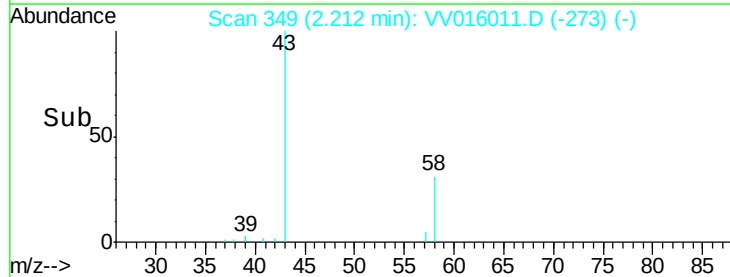
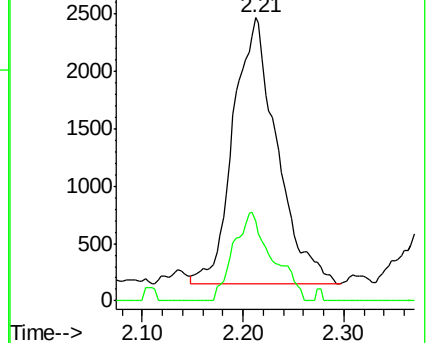
43 100

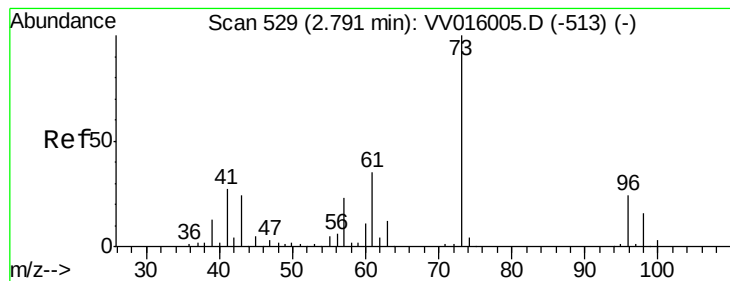
58 29.6 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



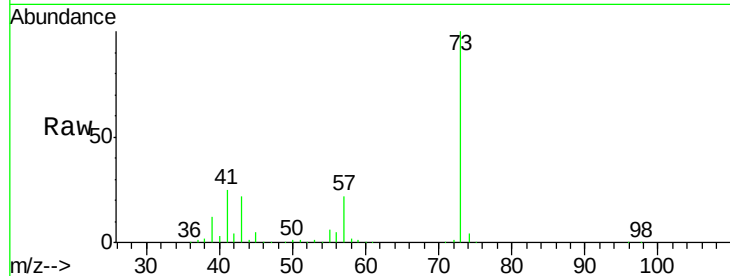


#17

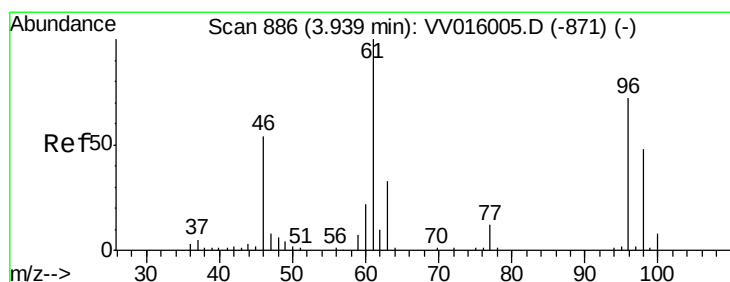
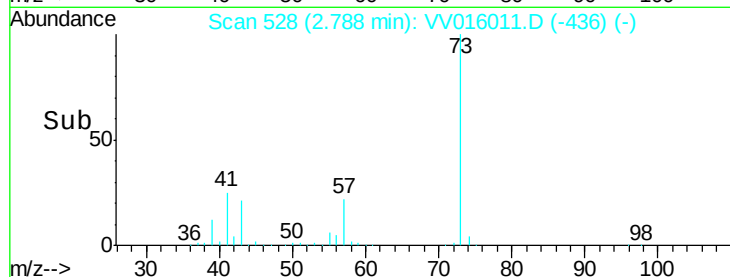
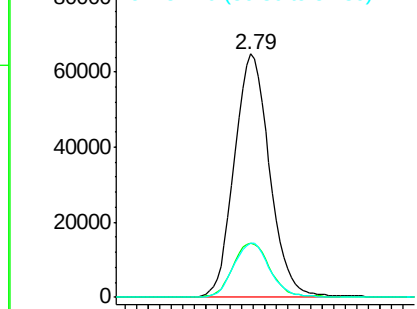
Methyl tert-butyl Ether
 Concen: 7.366 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VV016011.D
 Acq: 12 May 2020 13:56

Instrument :
 MSVOA_V
 ClientSampleId :
 H4251

Tot Ion: 73 Resp: 136862
 Ion Ratio Lower Upper
 73 100
 43 23.0 18.8 28.2
 57 22.9 17.8 26.6



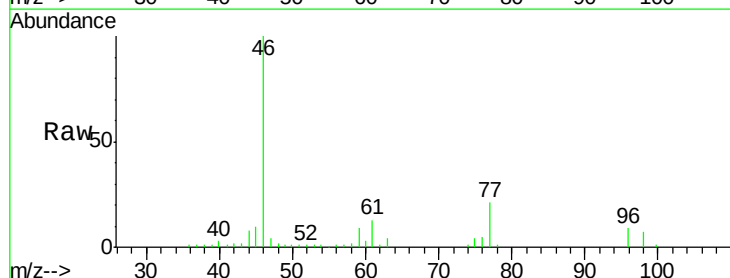
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



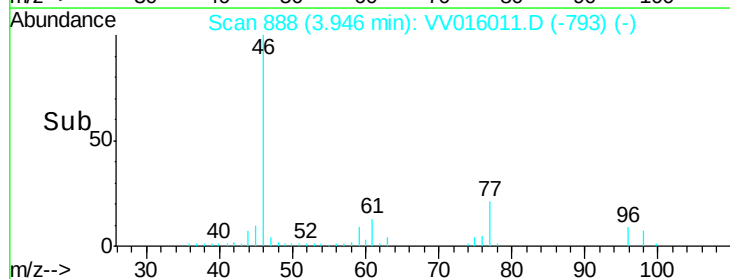
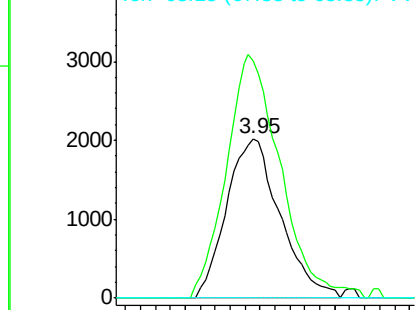
#22

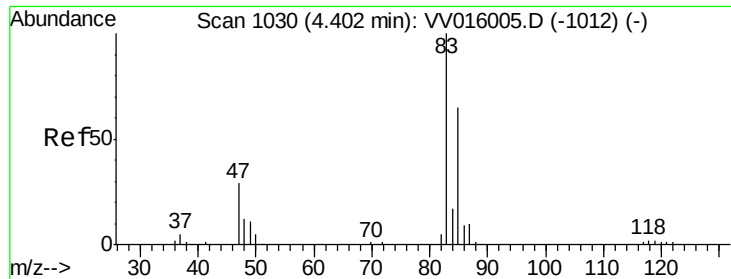
cis-1,2-Dichloroethene
 Concen: 0.608 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV016011.D
 Acq: 12 May 2020 13:56

Tgt Ion: 96 Resp: 5028
 Ion Ratio Lower Upper
 96 100
 61 148.8 97.2 180.6
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

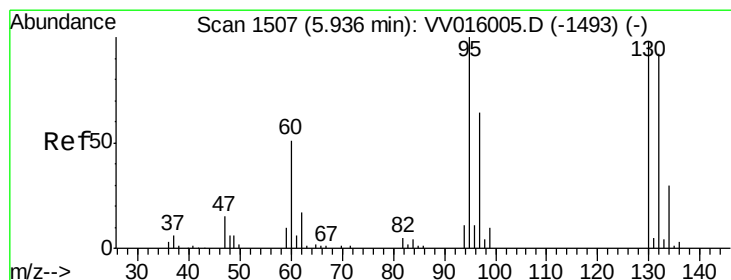
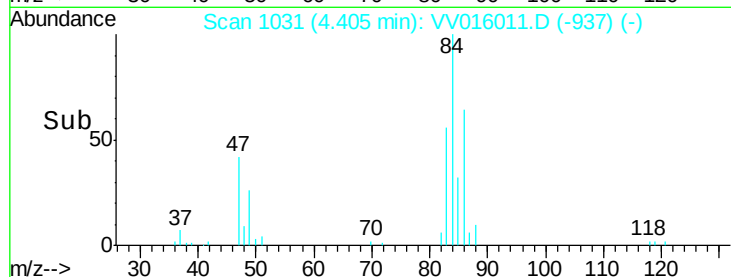
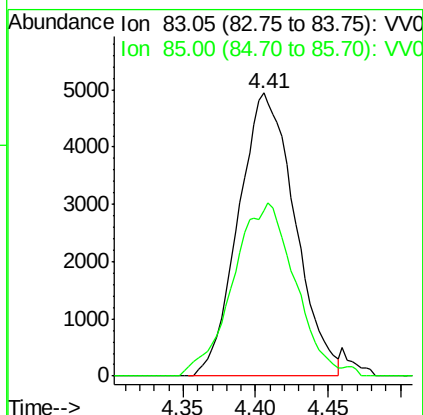
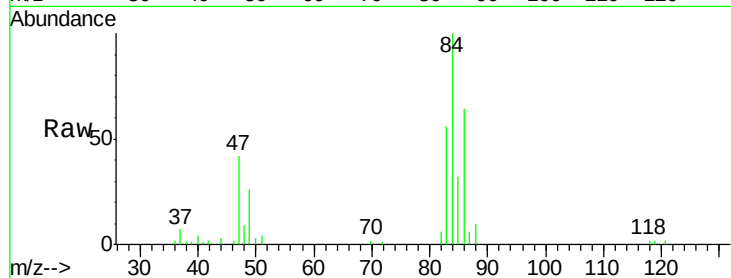




#25
Chloroform
Concen: 0.799 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016011.D
Acq: 12 May 2020 13:56

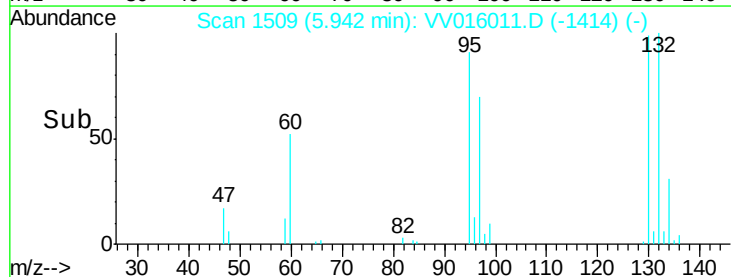
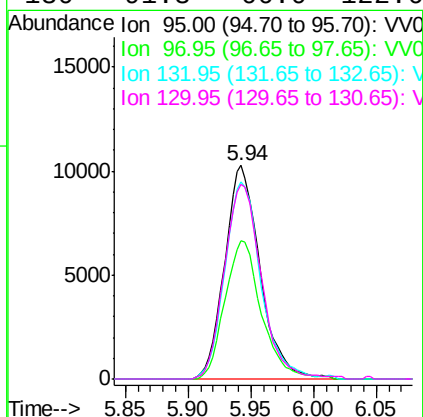
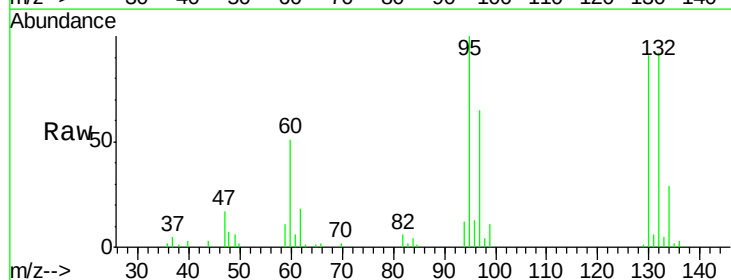
Instrument :
MSVOA_V
ClientSampled :
H4251

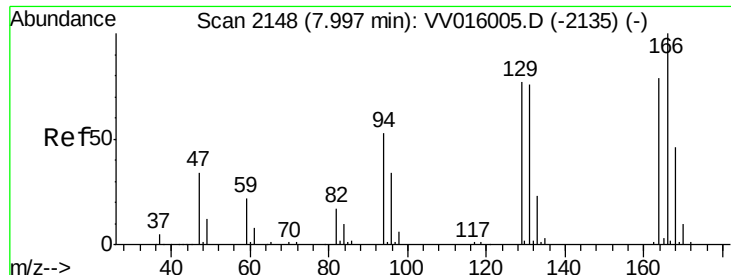
Tot Ion: 83 Resp: 13387
Ion Ratio Lower Upper
83 100
85 58.5 45.7 84.9



#34
Trichloroethene
Concen: 2.228 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016011.D
Acq: 12 May 2020 13:56

Tgt Ion: 95 Resp: 20135
Ion Ratio Lower Upper
95 100
97 64.9 43.3 80.5
132 92.3 60.3 112.1
130 91.3 66.0 122.6





#49

Tetrachloroethene

Concen: 15.731 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016011.D

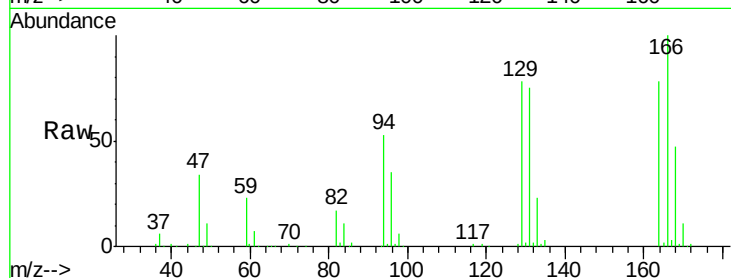
Acq: 12 May 2020 13:56

Instrument :

MSVOA_V

ClientSampleId :

H4251



Tot Ion:164 Resp: 99197

Ion Ratio Lower Upper

164 100

129 99.2 69.7 129.4

131 96.5 66.8 124.2

166 128.0 89.1 165.5

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

