

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017063.D
 Acq On : 23 Jun 2020 18:57
 Operator : SY/MD
 Sample : L3093-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTN2

Quant Time: Jun 24 07:37:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	173883	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	169984	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81048	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42485	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	34990	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.12	63	65422	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.93	46	133743	50.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	4.38	84	104338	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	57842	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.07	84	204102	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.09	67	61304	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.34	98	181530	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
45) trans-1,3-Dichloropropene-	7.64	79	24436	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
48) 2-Hexanone-d5	8.11	63	85840	40.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.94%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43027	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	74809	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

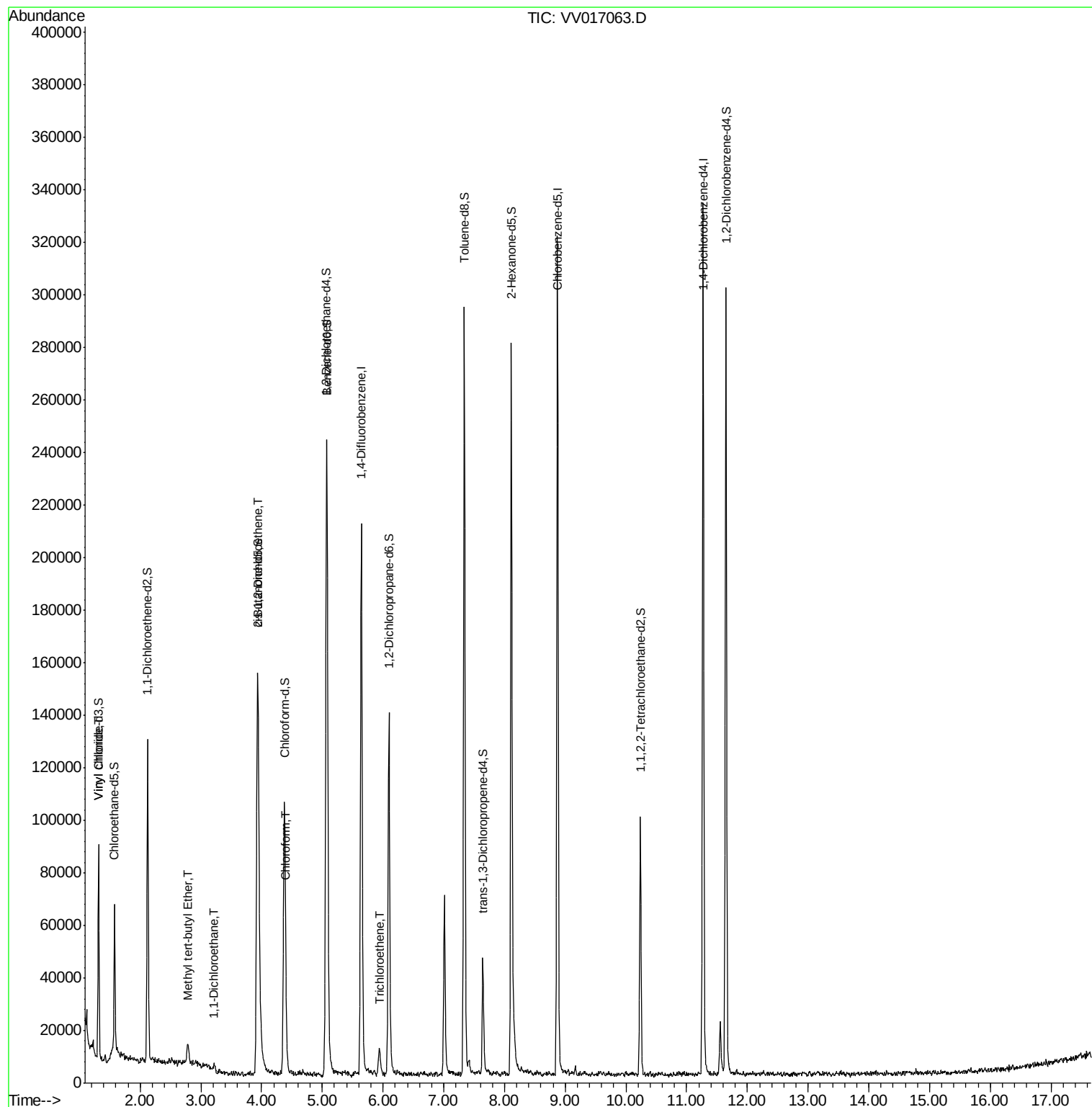
					Ovalue
5) Vinyl chloride	1.32	62	4933	0.432 ug/L #	76
17) Methyl tert-butyl Ether	2.79	73	6081	0.290 ug/L #	87
19) 1,1-Dichloroethane	3.21	63	2927	0.147 ug/L	86
22) cis-1,2-Dichloroethene	3.94	96	49187	4.067 ug/L	99
25) Chloroform	4.41	83	6266	0.289 ug/L	94
34) Trichloroethene	5.95	95	2453	0.188 ug/L	91

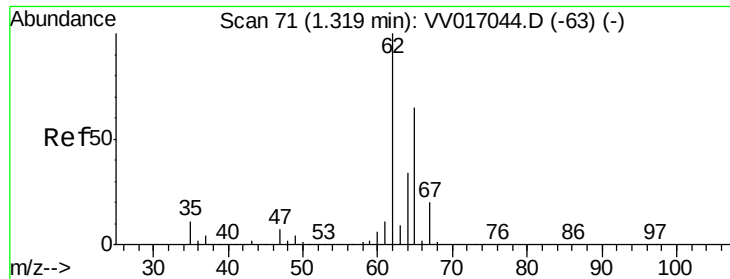
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062320\
Data File : VV017063.D
Acq On : 23 Jun 2020 18:57
Operator : SY/MD
Sample : L3093-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTN2

Quant Time: Jun 24 07:37:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.432 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017063.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA_V

ClientSampled :

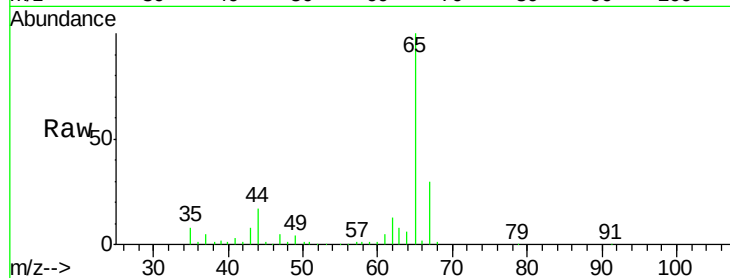
ETTN2

Tot Ion: 62 Resp: 4933

Ion Ratio Lower Upper

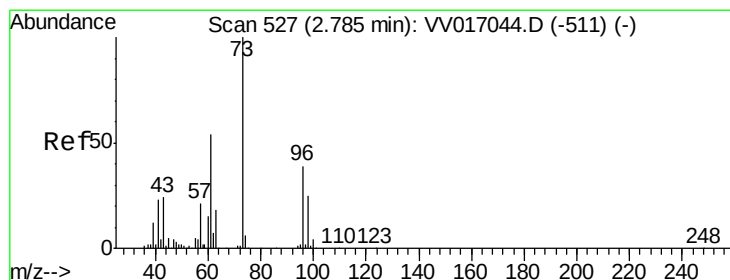
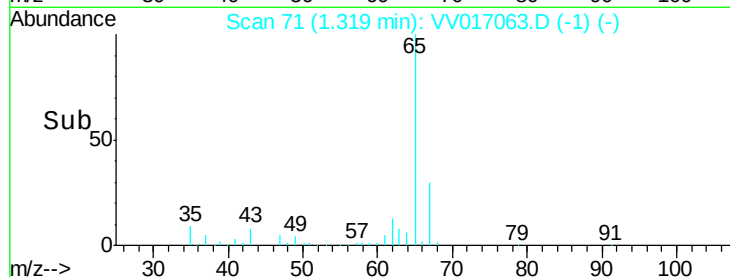
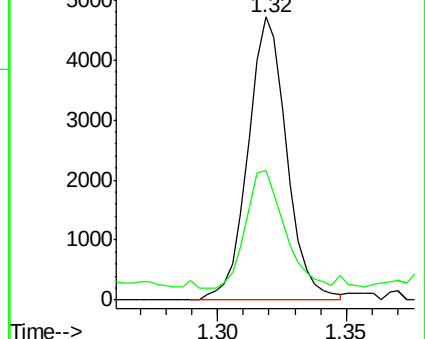
62 100

64 45.7 22.5 41.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#17

Methyl tert-butyl Ether

Concen: 0.290 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV017063.D

Acq: 23 Jun 2020 18:57

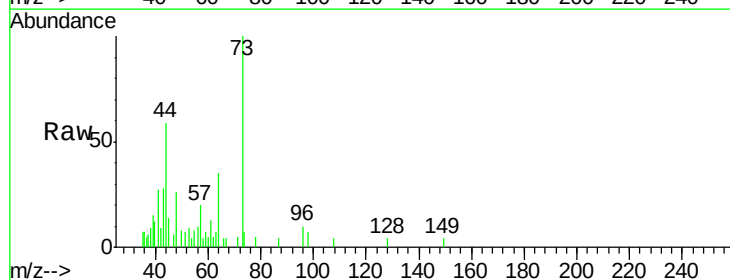
Tgt Ion: 73 Resp: 6081

Ion Ratio Lower Upper

73 100

43 25.2 18.6 28.0

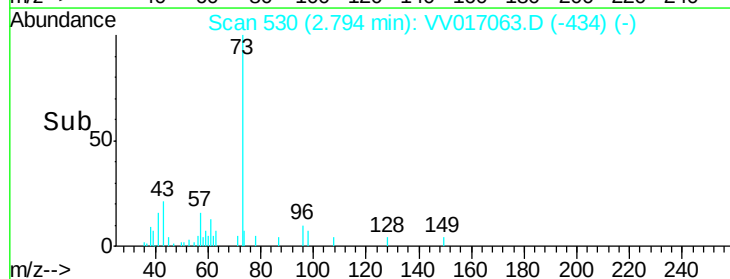
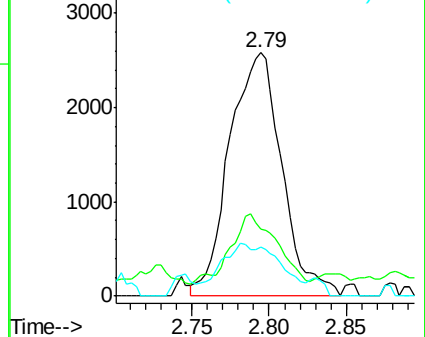
57 9.4 16.4 24.6#

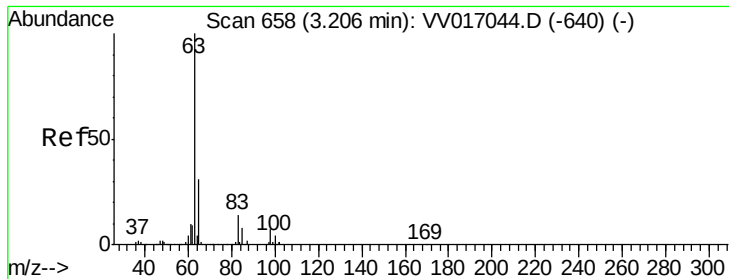


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

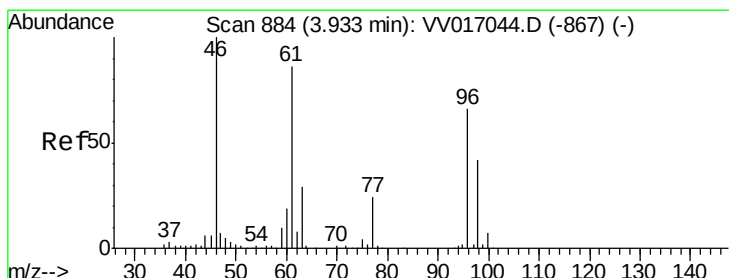
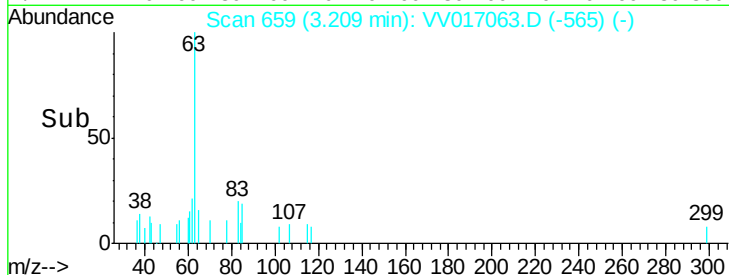
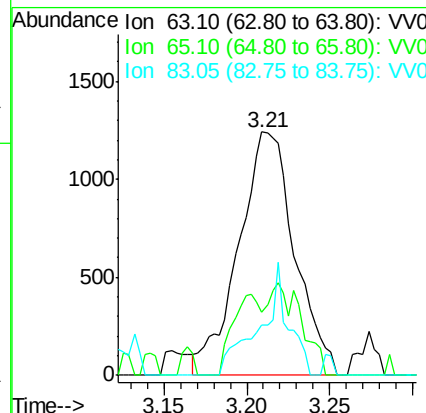
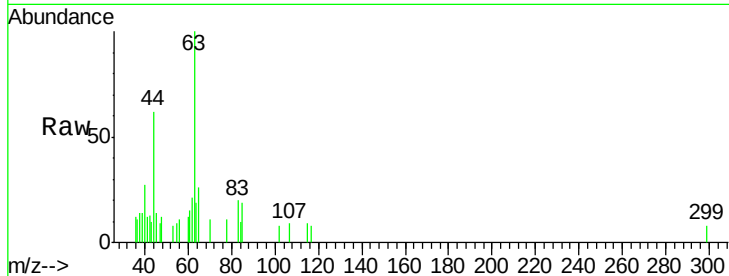




#19
 1,1-Dichloroethane
 Concen: 0.147 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017063.D
 Acq: 23 Jun 2020 18:57

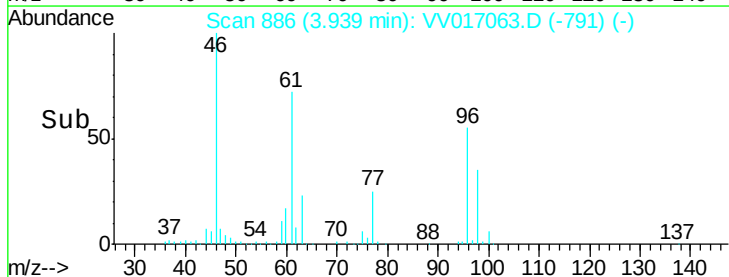
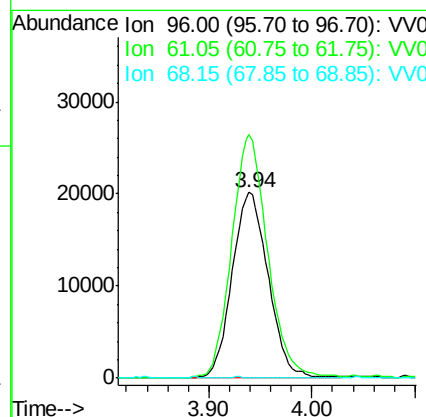
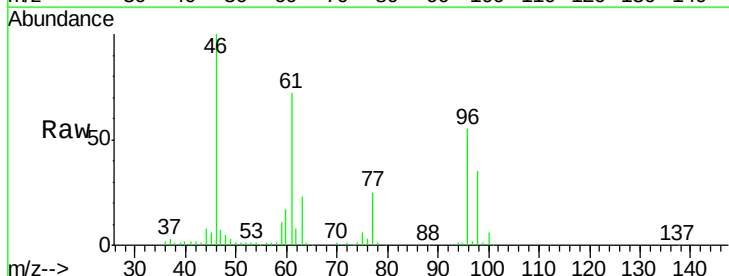
Instrument :
 MSVOA_V
 ClientSampleId :
 ETTN2

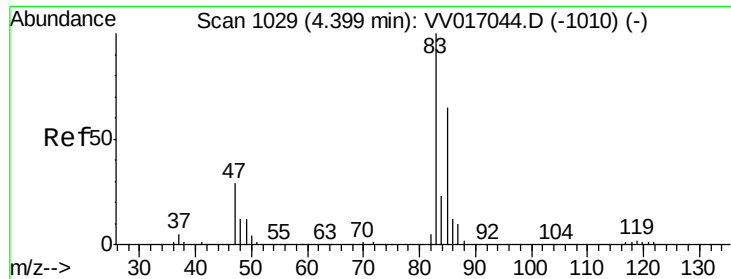
Tot Ion	Ratio	Lower	Upper
63	100		
65	22.0	21.8	40.4
83	17.2	9.7	17.9



#22
 cis-1,2-Dichloroethene
 Concen: 4.067 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017063.D
 Acq: 23 Jun 2020 18:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.0	91.0	169.0
68	0.0	0.0	0.0

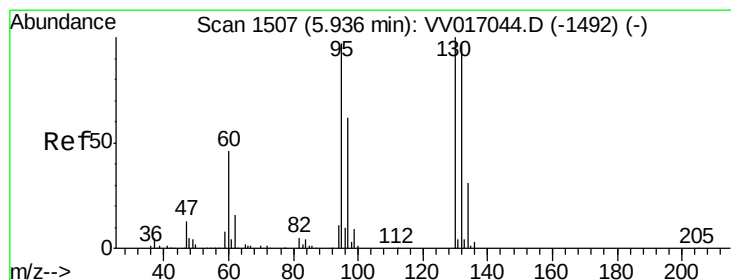
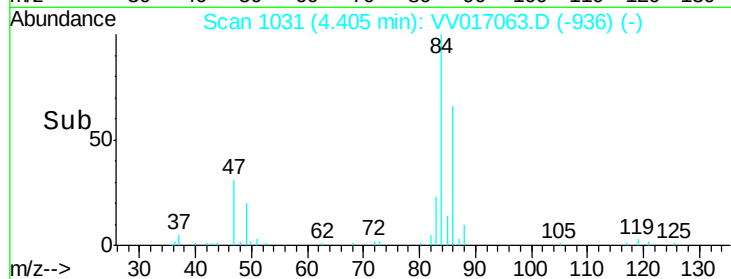
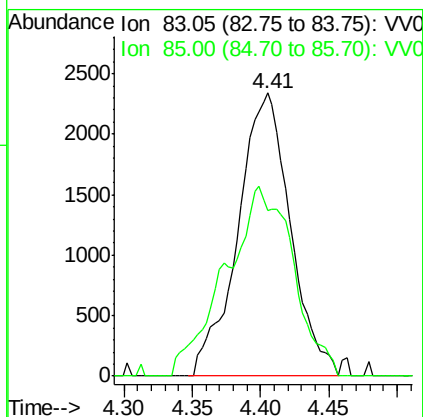
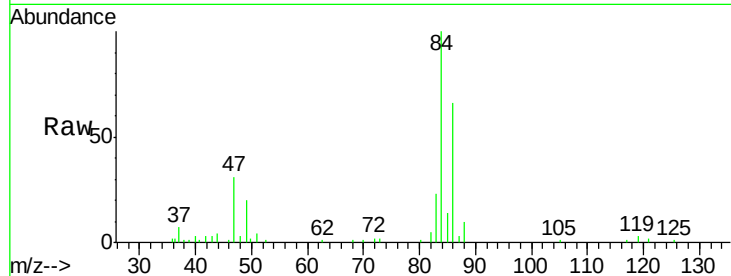




#25
Chloroform
Concen: 0.289 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017063.D
Acq: 23 Jun 2020 18:57

Instrument :
MSVOA_V
ClientSampled :
ETTN2

Tot Ion: 83 Resp: 6266
Ion Ratio Lower Upper
83 100
85 58.6 44.2 82.2



#34
Trichloroethene
Concen: 0.188 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017063.D
Acq: 23 Jun 2020 18:57

Tgt Ion: 95 Resp: 2453
Ion Ratio Lower Upper
95 100
97 53.7 45.3 84.1
132 102.4 68.8 127.8
130 90.7 70.2 130.4

