

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016133.D
 Acq On : 20 May 2020 15:52
 Operator : SY/MD
 Sample : L2725-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B05

Quant Time: May 21 03:32:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	135153	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	134524	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63041	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31889	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	35725	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.12	63	56023	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.92	46	118259	56.54	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.08%
24) Chloroform-d	4.38	84	79080	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.06	65	47330	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.08	84	159047	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.10	67	51685	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.34	98	136945	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
45) trans-1,3-Dichloropropene-	7.65	79	17029	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
48) 2-Hexanone-d5	8.12	63	87037	51.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.34%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37845	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	53491	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

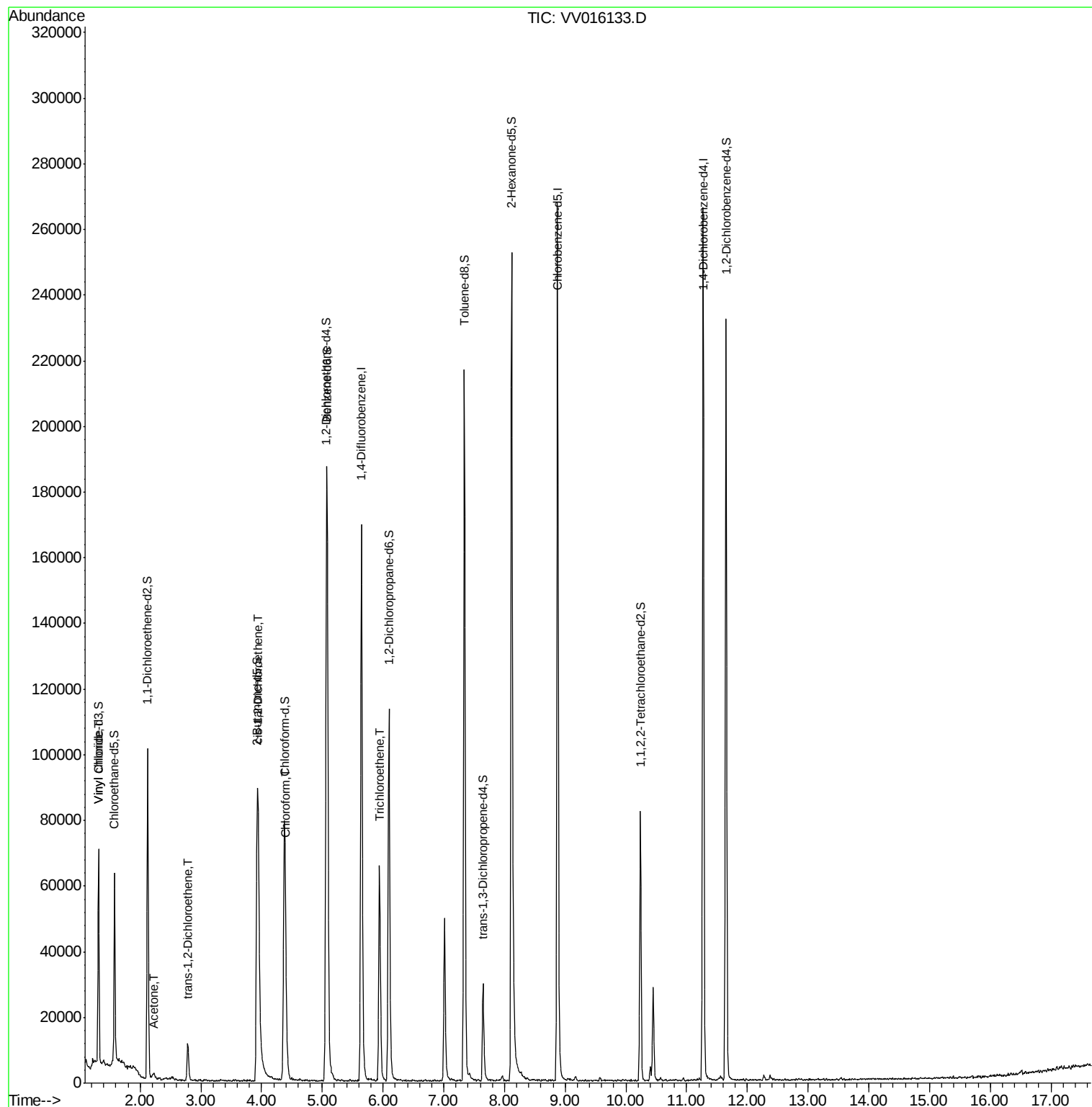
					Ovalue
5) Vinyl chloride	1.32	62	7584	0.756 ug/L	# 83
13) Acetone	2.23	43	3283	2.380 ug/L	78
18) trans-1,2-Dichloroethene	2.78	96	4069	0.495 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	23902	2.778 ug/L	99
25) Chloroform	4.40	83	9979	0.572 ug/L	95
34) Trichloroethene	5.94	95	23373	2.420 ug/L	95

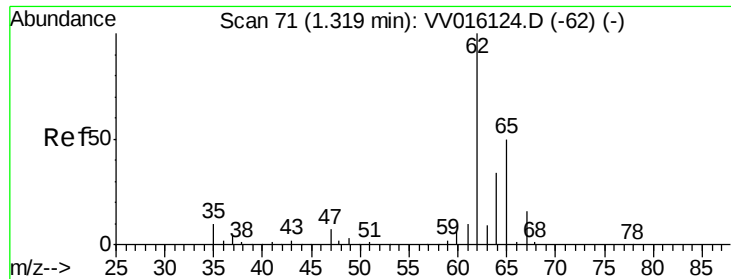
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 21 01:36:12 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.756 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016133.D

Acq: 20 May 2020 15:52

Instrument :

MSVOA_V

ClientSampled :

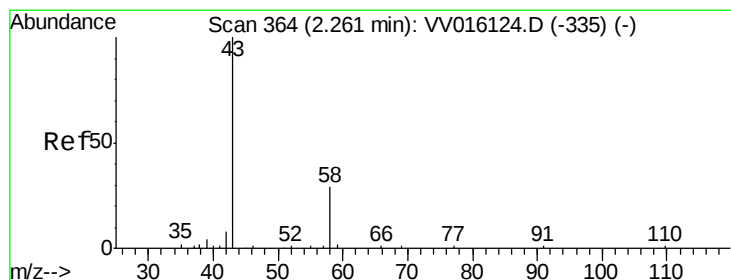
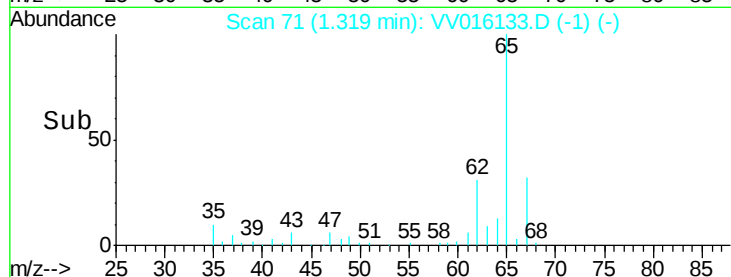
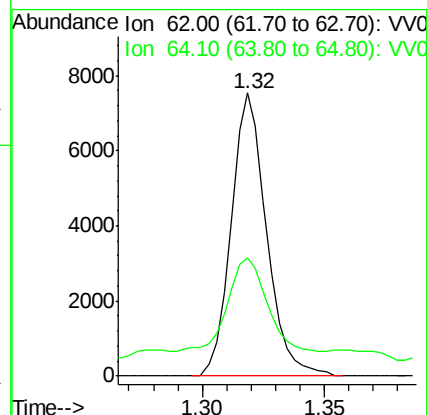
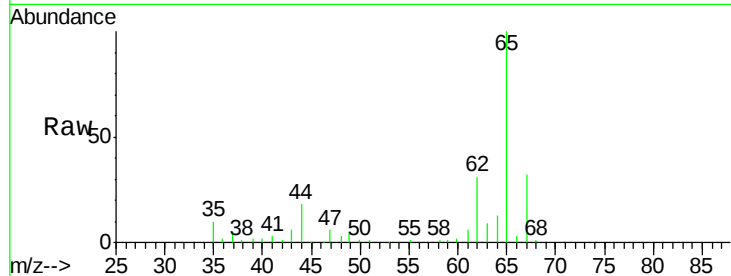
F9B05

Tot Ion: 62 Resp: 7584

Ion Ratio Lower Upper

62 100

64 41.7 22.4 41.6#



#13

Acetone

Concen: 2.380 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.04 min

Lab File: VV016133.D

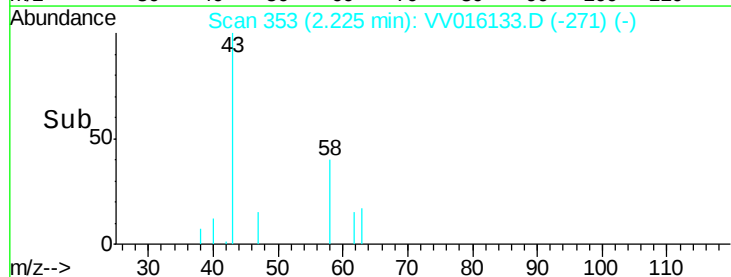
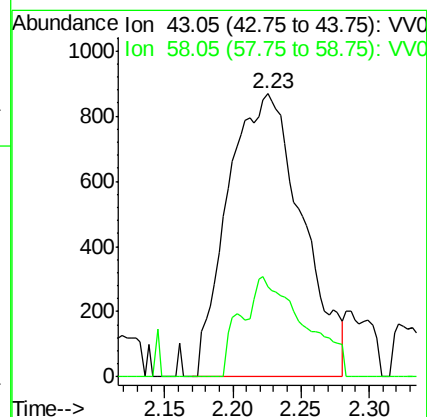
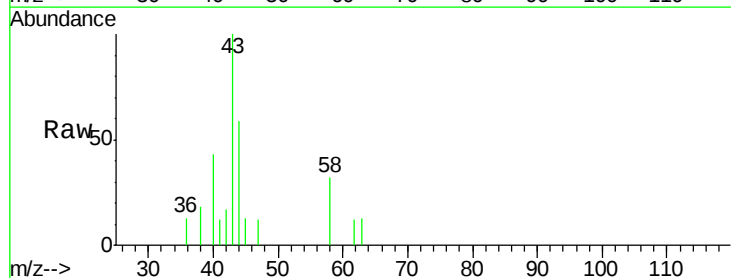
Acq: 20 May 2020 15:52

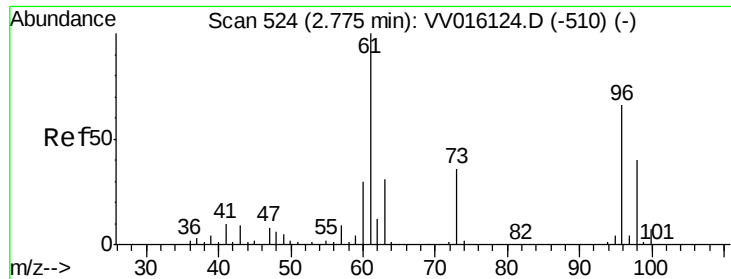
Tgt Ion: 43 Resp: 3283

Ion Ratio Lower Upper

43 100

58 24.8 0.0 30.8





#18

trans-1,2-Dichloroethene

Concen: 0.495 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV016133.D

Acq: 20 May 2020 15:52

Instrument :

MSVOA_V

ClientSampled :

F9B05

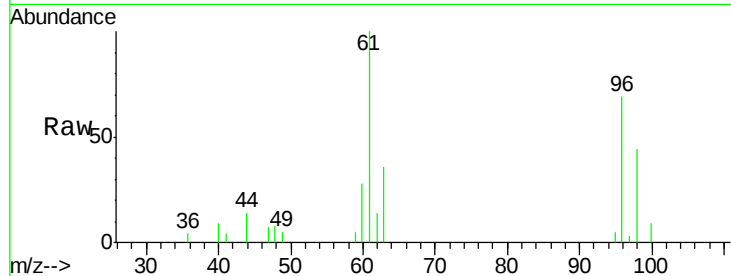
Tot Ion: 96 Resp: 4069

Ion Ratio Lower Upper

96 100

61 144.4 105.3 195.5

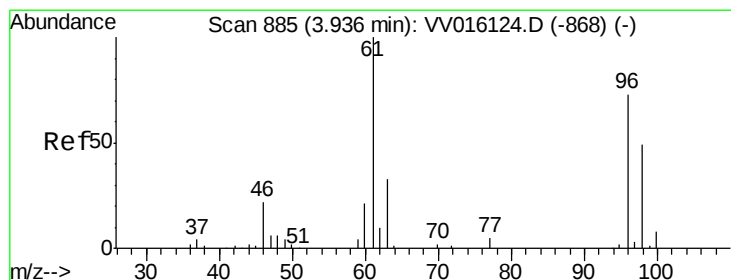
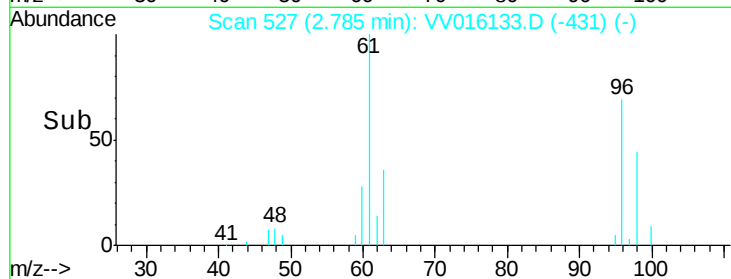
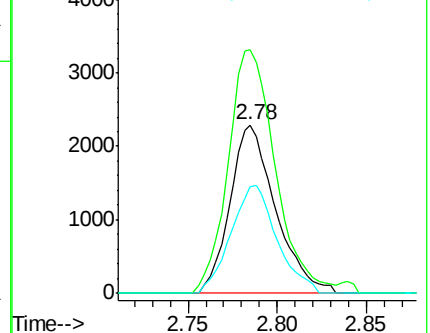
98 62.9 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 2.778 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV016133.D

Acq: 20 May 2020 15:52

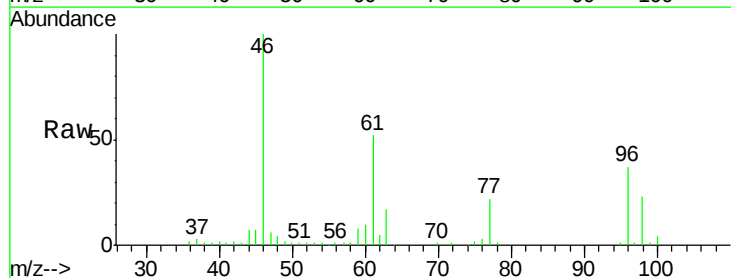
Tgt Ion: 96 Resp: 23902

Ion Ratio Lower Upper

96 100

61 140.6 97.2 180.6

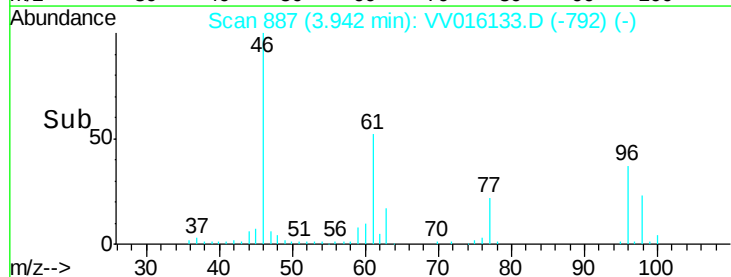
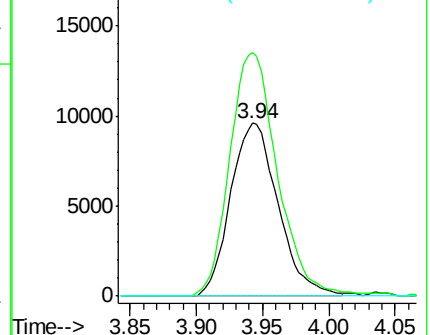
68 0.0 0.0 0.0

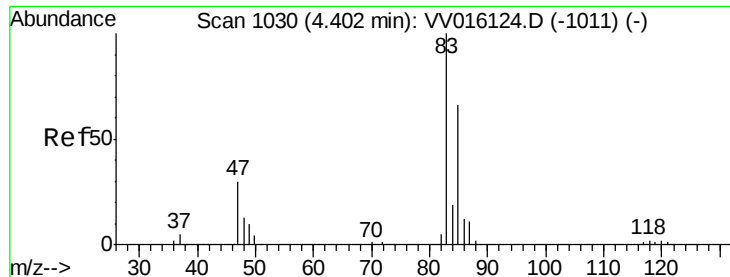


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

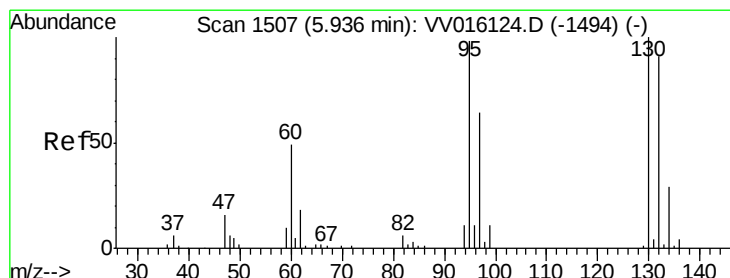
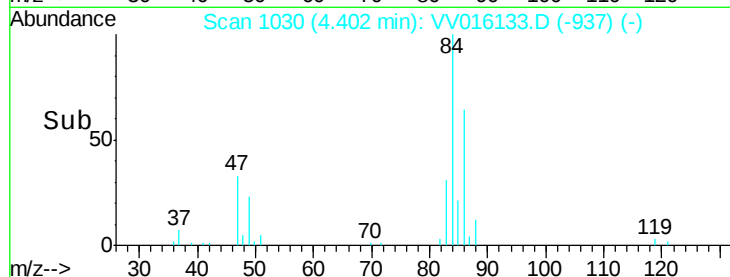
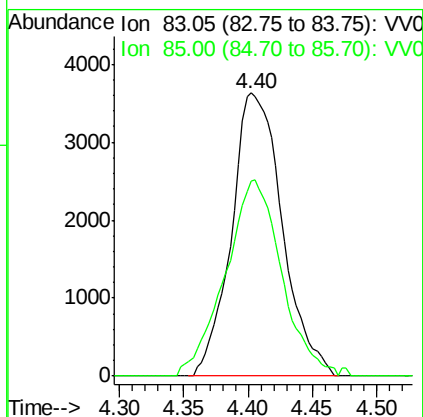
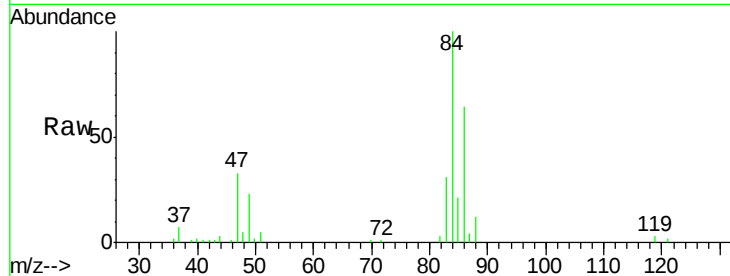




#25
Chloroform
Concen: 0.572 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016133.D
Acq: 20 May 2020 15:52

Instrument :
MSVOA_V
ClientSampleId :
F9B05

Tot Ion: 83 Resp: 9979
Ion Ratio Lower Upper
83 100
85 69.1 45.7 84.9



#34
Trichloroethene
Concen: 2.420 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016133.D
Acq: 20 May 2020 15:52

Tgt Ion: 95 Resp: 23373
Ion Ratio Lower Upper
95 100
97 64.5 43.3 80.5
132 96.0 60.3 112.1
130 94.5 66.0 122.6

