

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082820\
 Data File : VV018134.D
 Acq On : 28 Aug 2020 13:33
 Operator : SY/MD
 Sample : L3800-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G6

Quant Time: Aug 29 01:05:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 29 00:38:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277899	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	274120	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80569	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.00%
7) Chloroethane-d5	1.58	69	74159	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.50%
11) 1,1-Dichloroethene-d2	2.12	63	127491	31.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.86%
21) 2-Butanone-d5	3.91	46	120826	87.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.00%
24) Chloroform-d	4.38	84	163522	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
26) 1,2-Dichloroethane-d4	5.06	65	113985	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.94%
32) Benzene-d6	5.08	84	332084	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
36) 1,2-Dichloropropane-d6	6.09	67	111022	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.90%
41) Toluene-d8	7.34	98	292042	42.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.98%
43) trans-1,3-Dichloropropene-	7.64	79	51590	46.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.10%
47) 2-Hexanone-d5	8.11	63	67443	85.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137844	42.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	127512	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%

Target Compounds

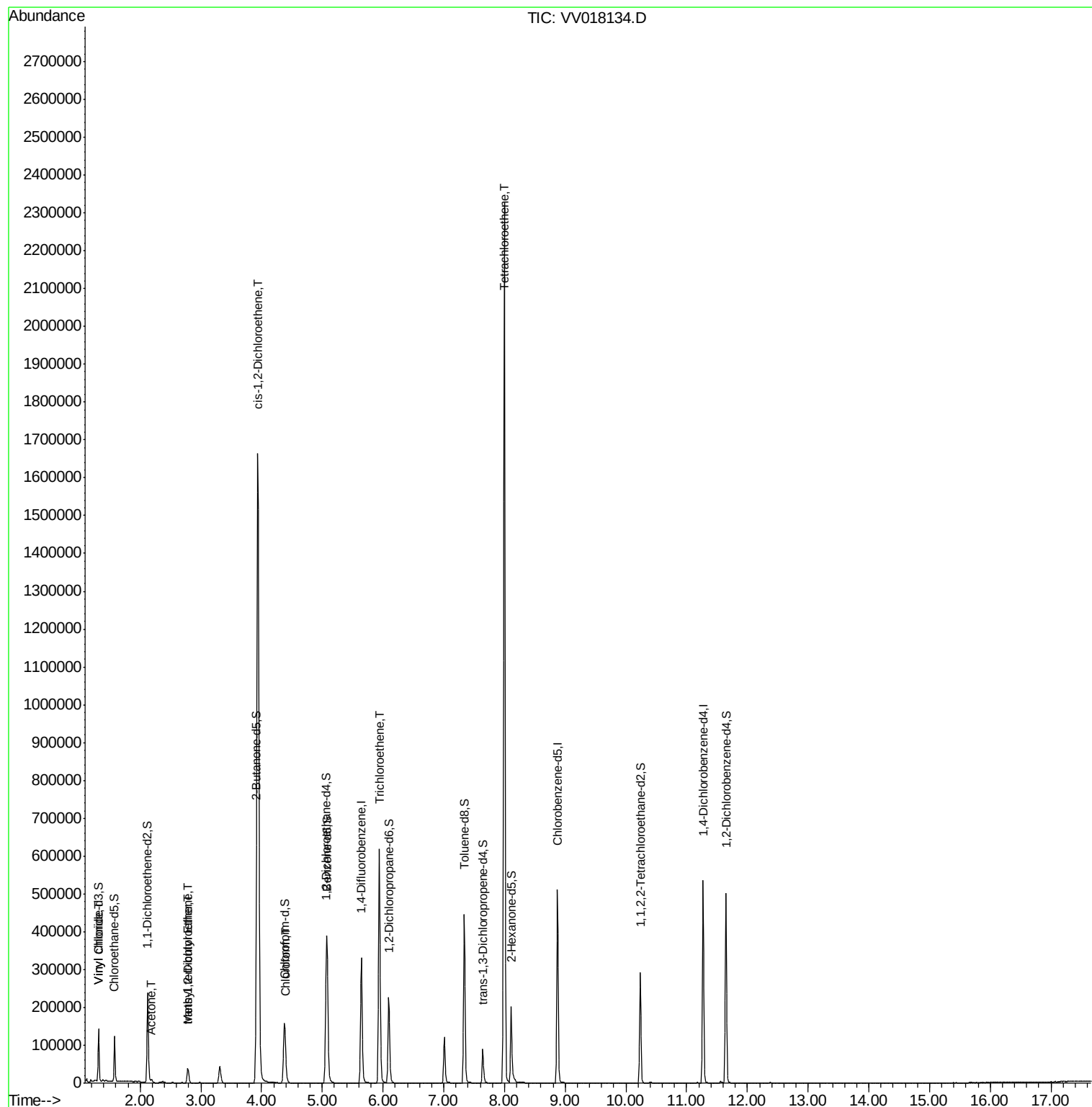
					Ovalue
5) Vinyl chloride	1.32	62	5834	2.363 ug/L	# 28
13) Acetone	2.19	43	9261	6.456 ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	2979	1.555 ug/L	95
18) Methyl tert-butyl Ether	2.79	73	29575	4.667 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	918762	436.310 ug/L	98
25) Chloroform	4.40	83	8270	2.104 ug/L	97
34) Trichloroethene	5.94	95	215428	96.099 ug/L	98
46) Tetrachloroethene	8.00	164	520206	316.414 ug/L	98

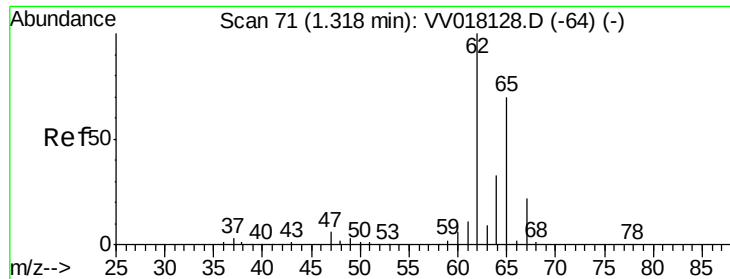
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 29 00:38:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.363 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV018134.D

Acq: 28 Aug 2020 13:33

Instrument :

MSVOA_V

ClientSampleId :

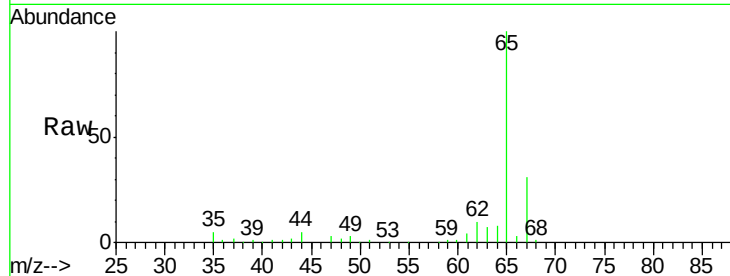
BG3G6

Tot Ion: 62 Resp: 5834

Ion Ratio Lower Upper

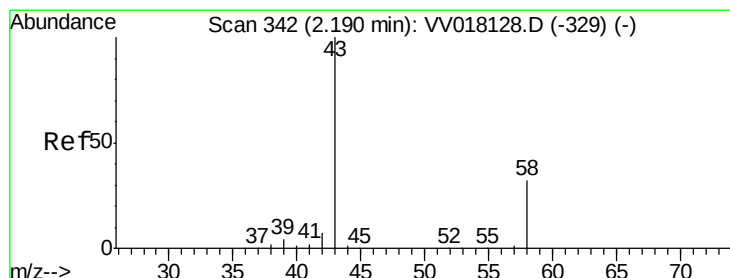
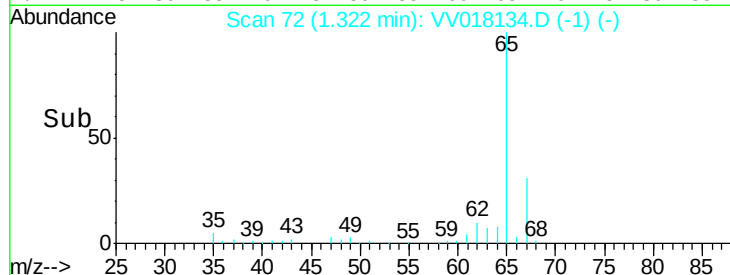
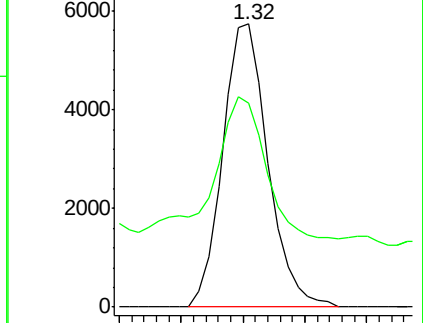
62 100

64 72.3 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 6.456 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV018134.D

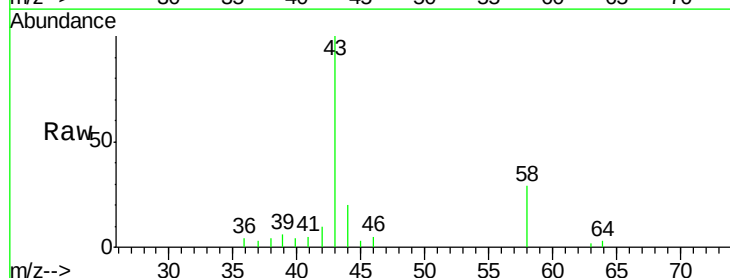
Acq: 28 Aug 2020 13:33

Tgt Ion: 43 Resp: 9261

Ion Ratio Lower Upper

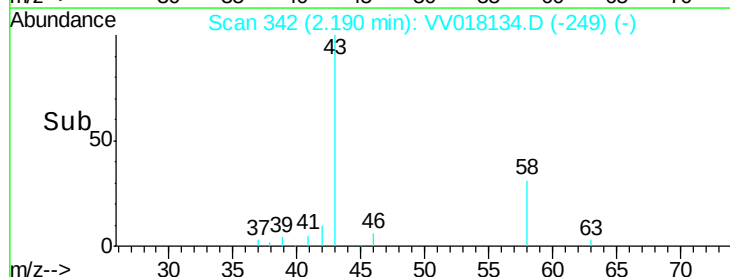
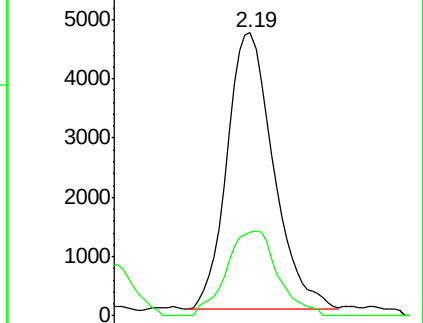
43 100

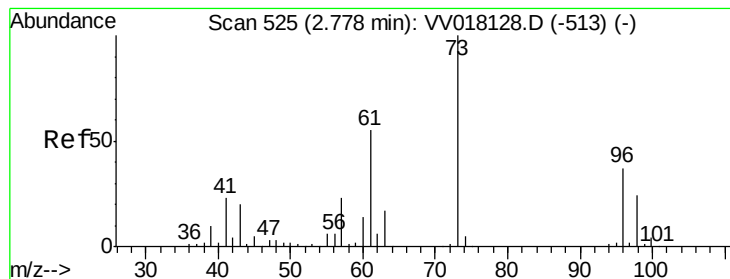
58 34.0 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 1.555 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV018134.D

Acq: 28 Aug 2020 13:33

Instrument :

MSVOA_V

ClientSampled :

BG3G6

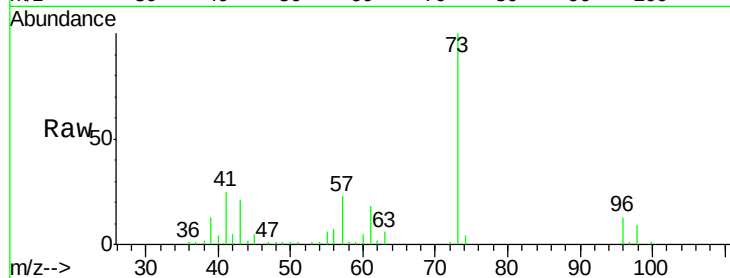
Tot Ion: 96 Resp: 2979

Ion Ratio Lower Upper

96 100

61 142.7 102.4 190.2

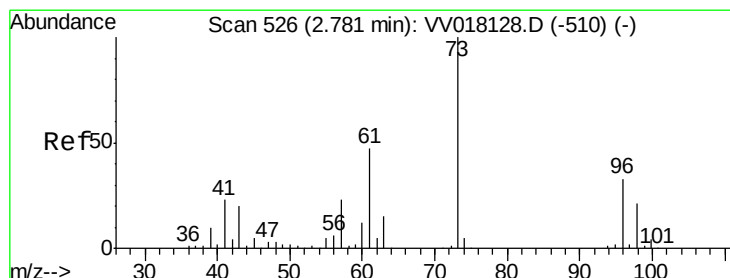
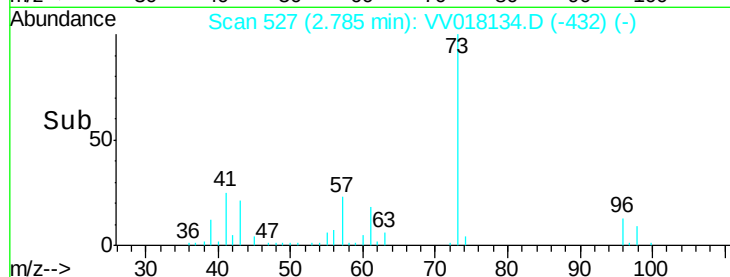
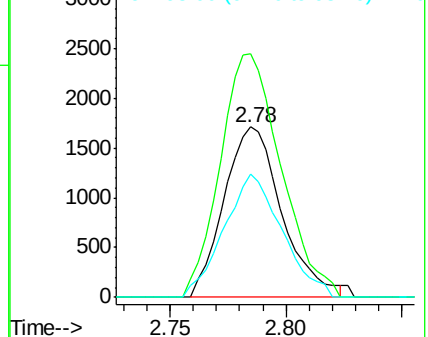
98 72.0 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 4.667 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.01 min

Lab File: VV018134.D

Acq: 28 Aug 2020 13:33

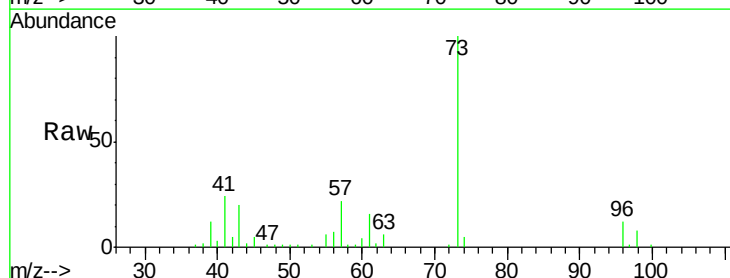
Tgt Ion: 73 Resp: 29575

Ion Ratio Lower Upper

73 100

43 20.6 15.9 23.9

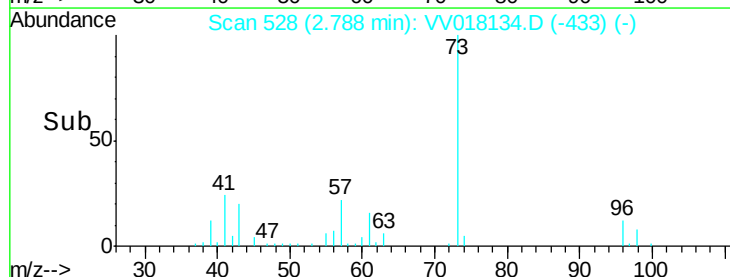
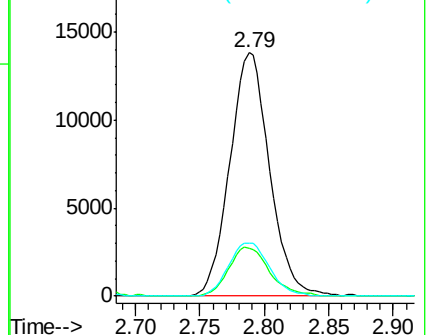
57 22.5 18.1 27.1

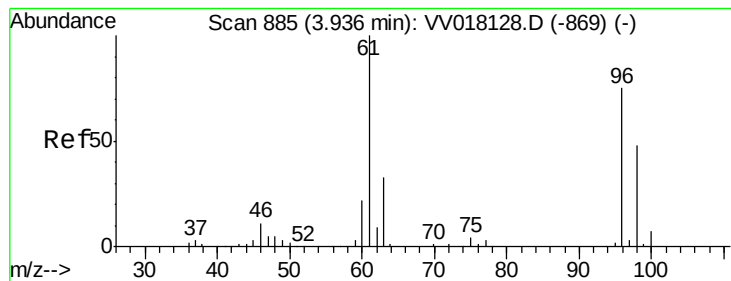


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 436.310 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018134.D

Acq: 28 Aug 2020 13:33

Instrument :

MSVOA_V

ClientSampled :

BG3G6

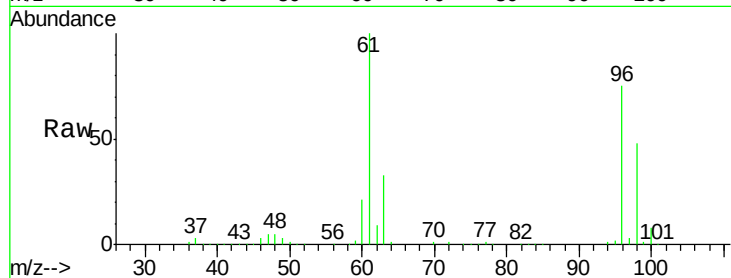
Tot Ion: 96 Resp: 918762

Ion Ratio Lower Upper

96 100

61 133.3 95.0 176.4

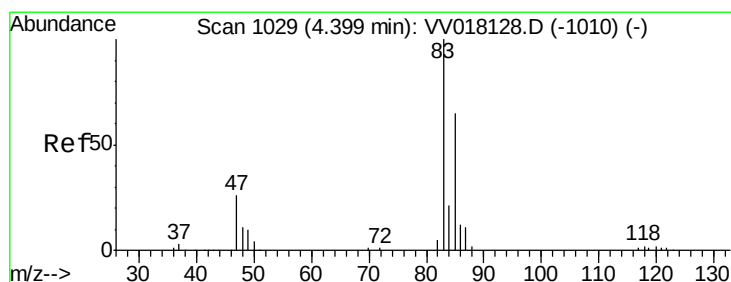
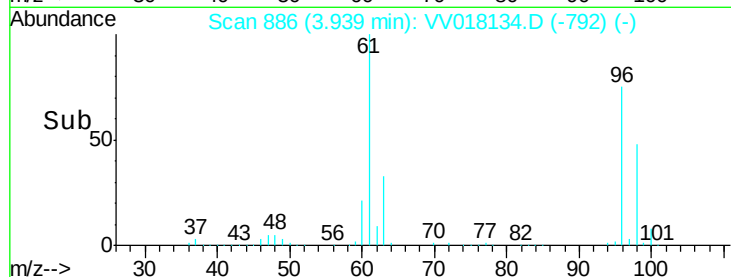
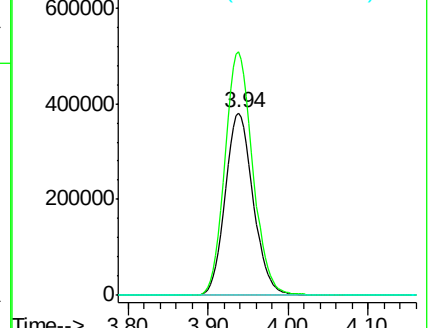
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0



#25

Chloroform

Concen: 2.104 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV018134.D

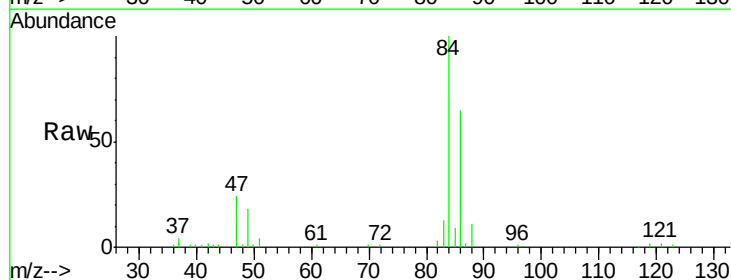
Acq: 28 Aug 2020 13:33

Tgt Ion: 83 Resp: 8270

Ion Ratio Lower Upper

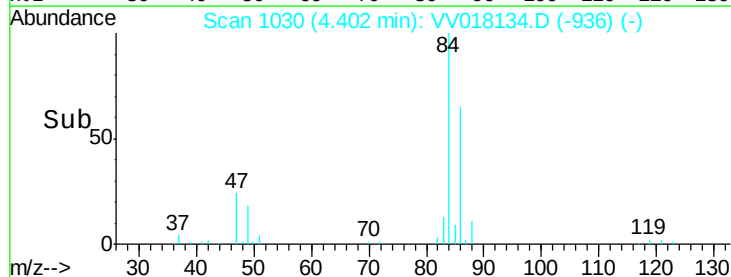
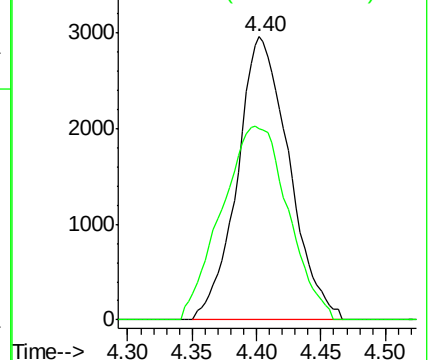
83 100

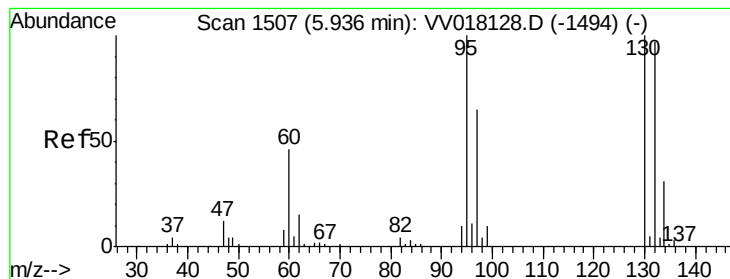
85 67.3 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 96.099 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018134.D

Acq: 28 Aug 2020 13:33

Instrument :

MSVOA_V

ClientSampleId :

BG3G6

Tot Ion: 95 Resp: 215428

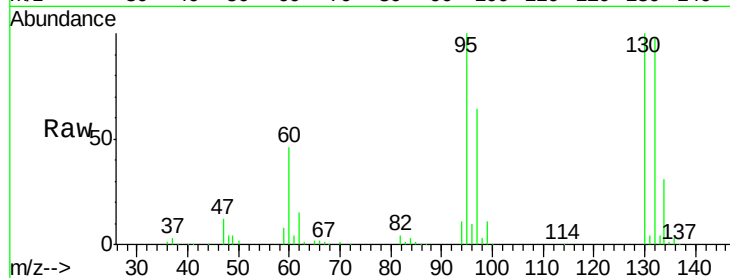
Ion Ratio Lower Upper

95 100

97 64.2 46.0 85.4

132 97.8 65.8 122.2

130 100.1 69.2 128.6

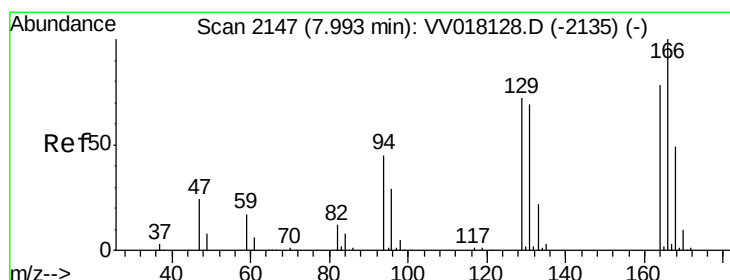
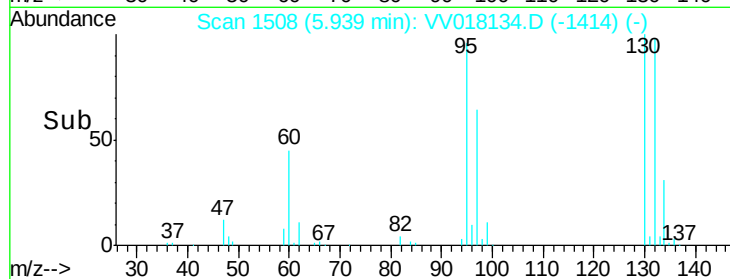
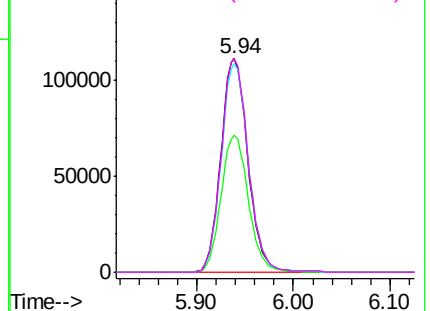


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 316.414 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018134.D

Acq: 28 Aug 2020 13:33

Tgt Ion:164 Resp: 520206

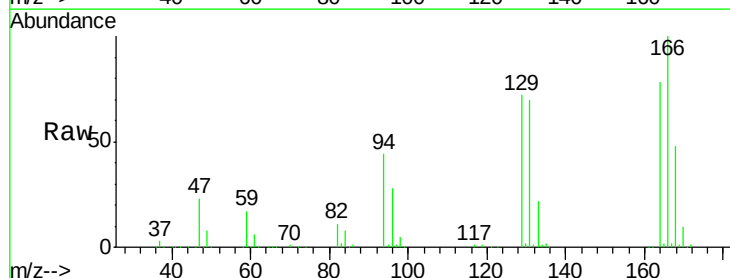
Ion Ratio Lower Upper

164 100

129 91.8 64.8 120.3

131 89.1 64.5 119.9

166 128.2 88.9 165.1



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

