

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015577.D
 Acq On : 20 Apr 2020 12:58
 Operator : SY/MD
 Sample : L2333-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC8

Quant Time: Apr 21 01:21:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	95338	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	43605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21814	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	22176	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.12	63	33251	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.93	46	77287	55.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.28%
24) Chloroform-d	4.38	84	54255	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	30502	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.07	84	100613	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.10	67	32938	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.34	98	90572	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.65	79	8388	3.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.40%
46) 2-Hexanone-d5	8.11	63	54586	40.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23289	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	34203	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

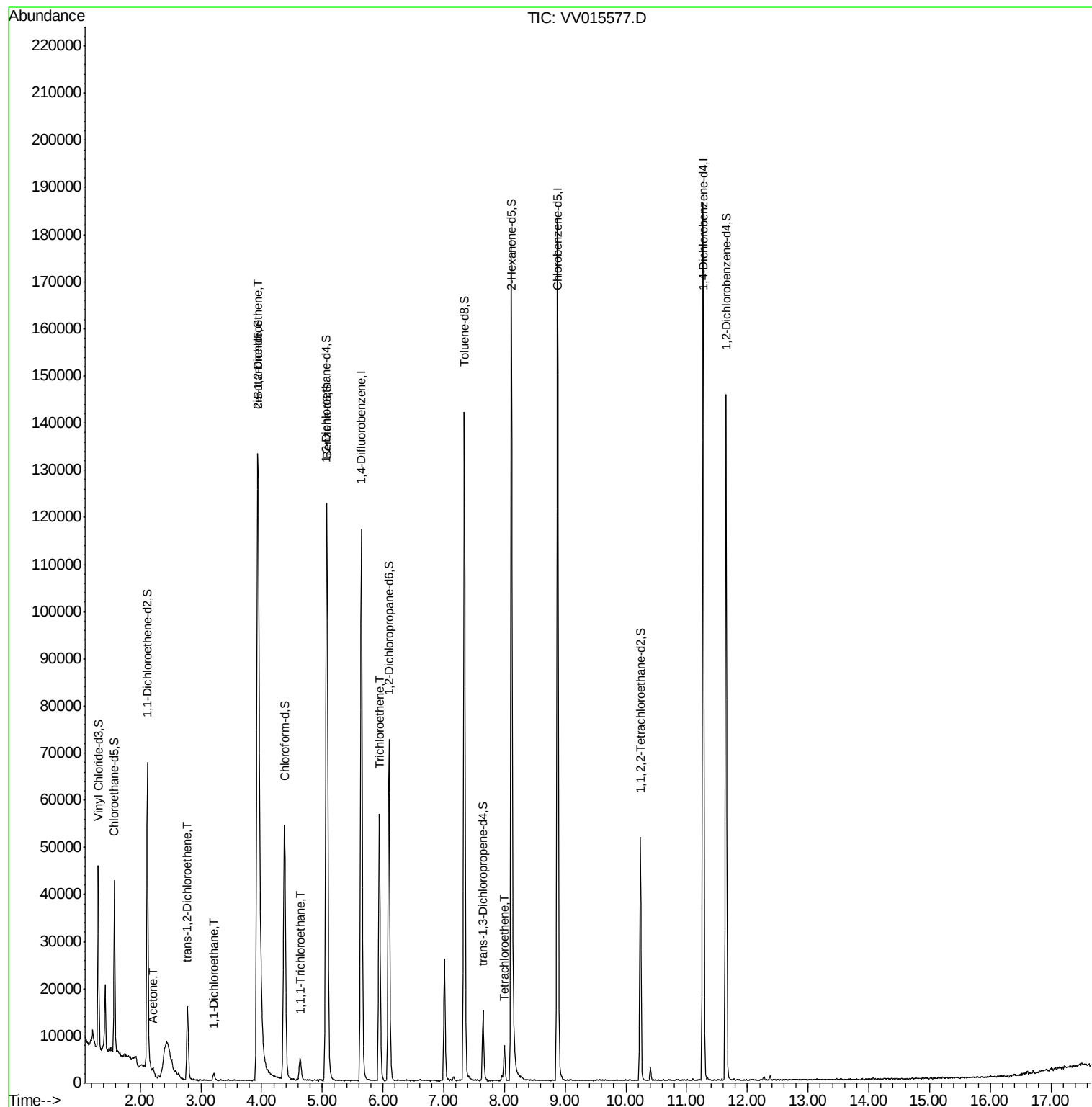
					Ovalue
13) Acetone	2.21	43	2516	2.564 ug/L	80
18) trans-1,2-Dichloroethene	2.78	96	5042	0.748 ug/L	93
19) 1,1-Dichloroethane	3.21	63	2020	0.159 ug/L #	91
22) cis-1,2-Dichloroethene	3.94	96	40582	5.796 ug/L	97
29) 1,1,1-Trichloroethane	4.64	97	3889	0.325 ug/L	96
34) Trichloroethene	5.94	95	19282	2.592 ug/L	99
47) Tetrachloroethene	8.00	164	1699	0.308 ug/L	92

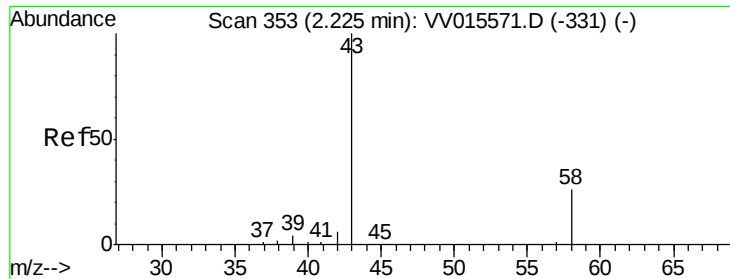
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 21 00:05:52 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.564 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV015577.D

Acq: 20 Apr 2020 12:58

Instrument :

MSVOA_V

ClientSampleId :

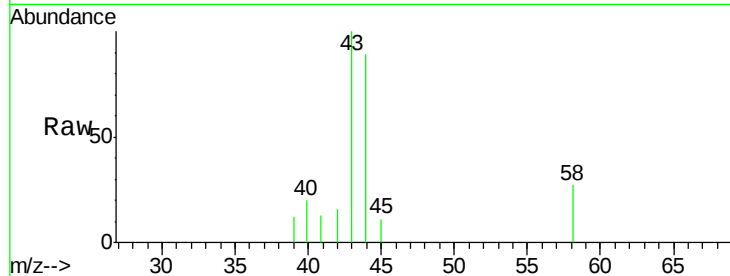
C0AC8

Tot Ion: 43 Resp: 2516

Ion Ratio Lower Upper

43 100

58 18.6 0.0 22.2

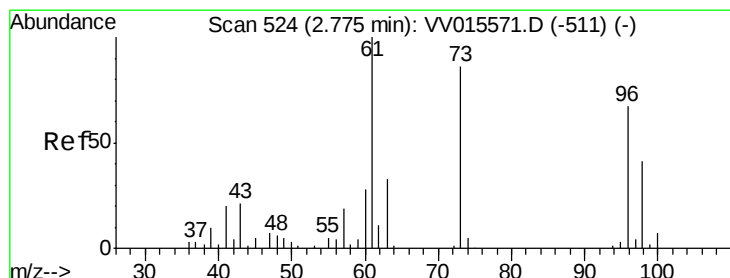
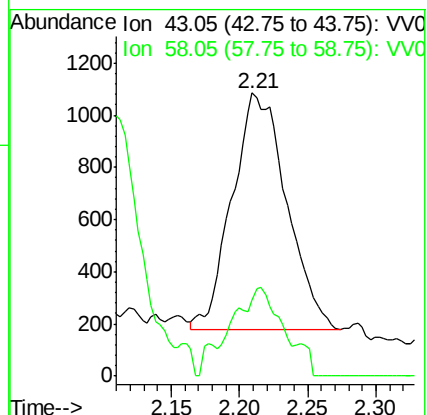
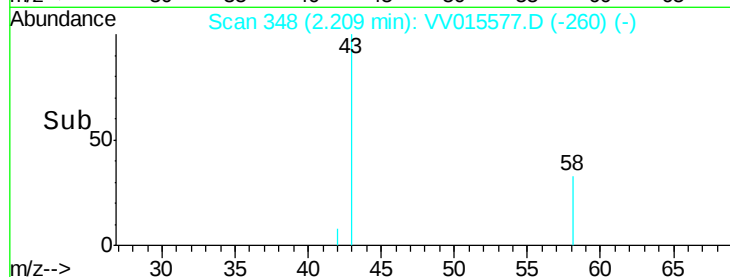


Abundance Ion 43.05 (42.75 to 43.75): VV015577.D (-260) (-)

Ion 58.05 (57.75 to 58.75): VV015577.D (-260) (-)

2.21

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.748 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV015577.D

Acq: 20 Apr 2020 12:58

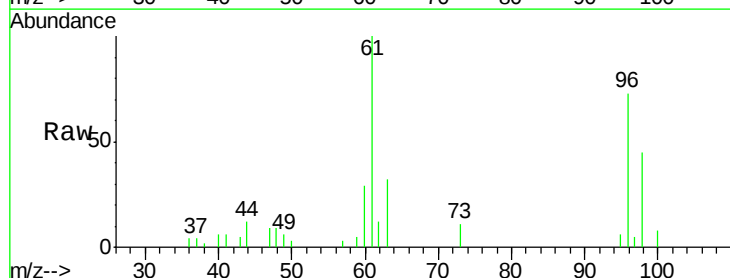
Tgt Ion: 96 Resp: 5042

Ion Ratio Lower Upper

96 100

61 136.6 104.4 194.0

98 61.3 42.8 79.4



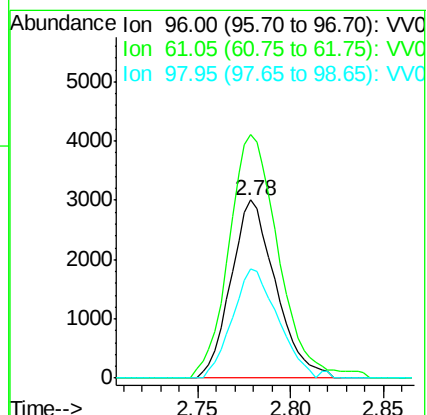
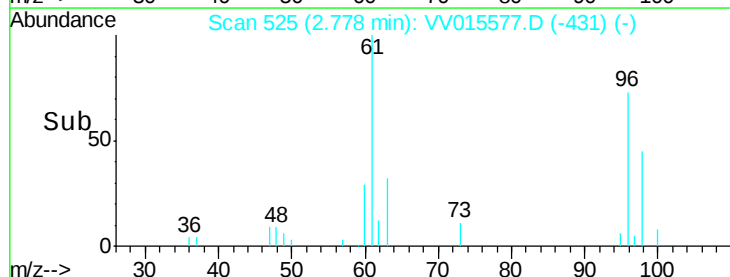
Abundance Ion 96.00 (95.70 to 96.70): VV015577.D (-431) (-)

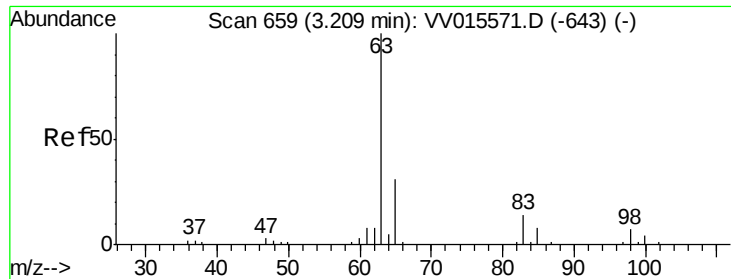
Ion 61.05 (60.75 to 61.75): VV015577.D (-431) (-)

Ion 97.95 (97.65 to 98.65): VV015577.D (-431) (-)

2.78

Time-->

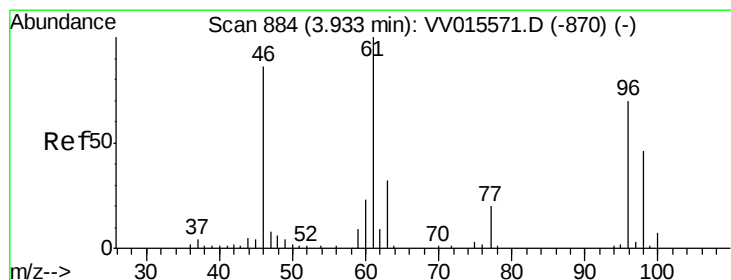
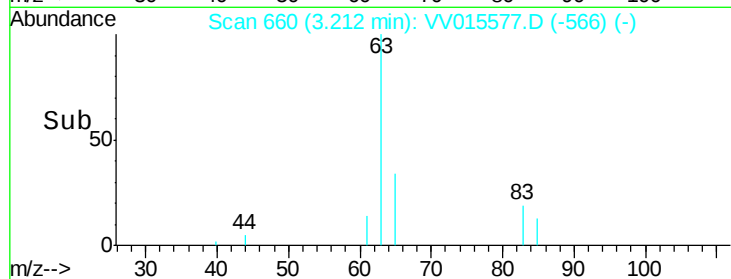
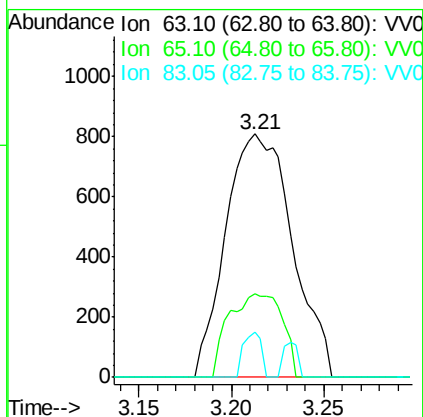
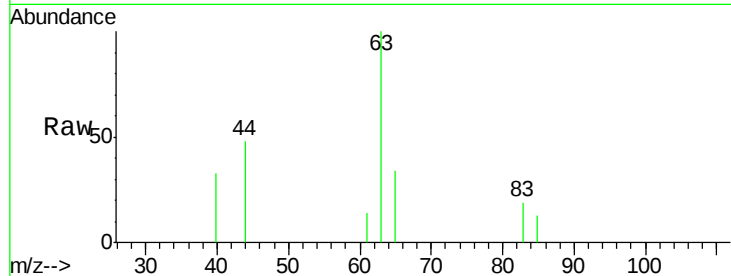




#19
 1,1-Dichloroethane
 Concen: 0.159 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV015577.D
 Acq: 20 Apr 2020 12:58

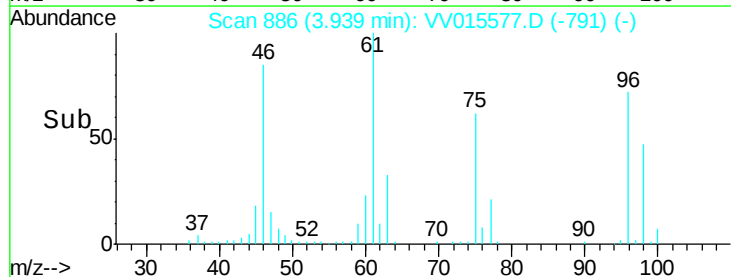
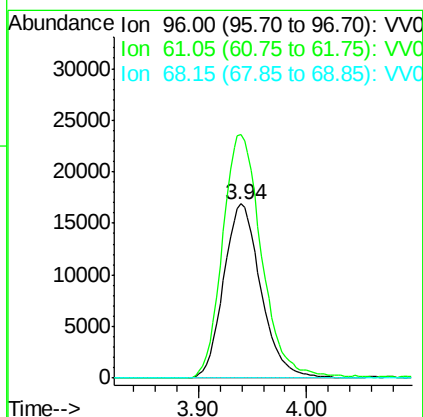
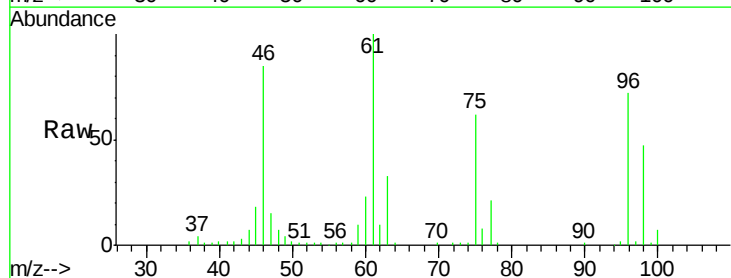
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC8

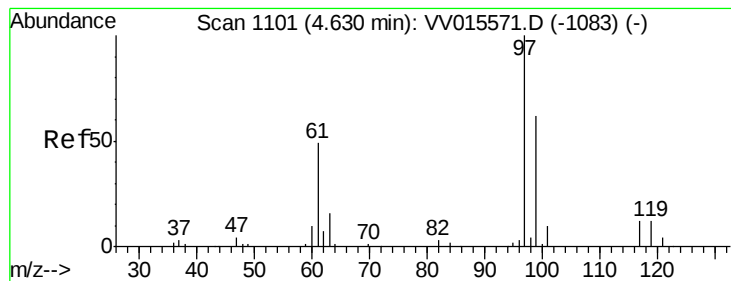
Tot Ion: 63 Resp: 2020
 Ion Ratio Lower Upper
 63 100
 65 34.5 21.3 39.6
 83 18.5 9.4 17.6#



#22
 cis-1,2-Dichloroethene
 Concen: 5.796 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV015577.D
 Acq: 20 Apr 2020 12:58

Tgt Ion: 96 Resp: 40582
 Ion Ratio Lower Upper
 96 100
 61 139.8 100.0 185.8
 68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.325 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VV015577.D

Acq: 20 Apr 2020 12:58

Instrument :

MSVOA_V

ClientSampleId :

C0AC8

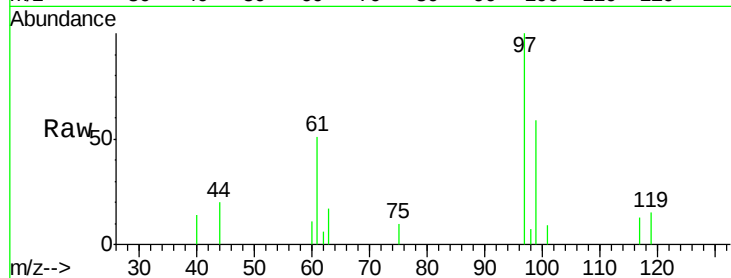
Tot Ion: 97 Resp: 3889

Ion Ratio Lower Upper

97 100

99 62.6 51.6 77.4

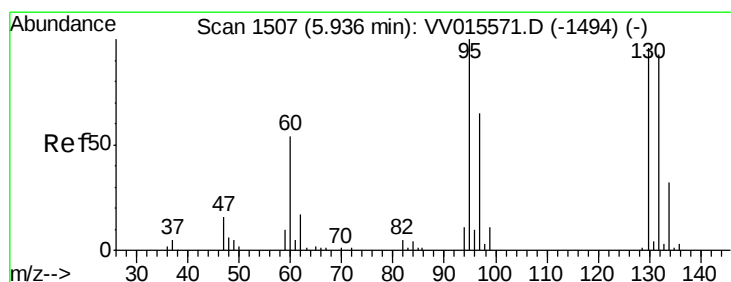
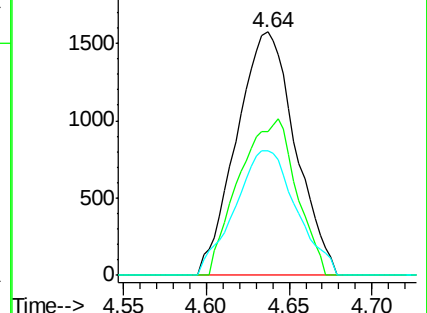
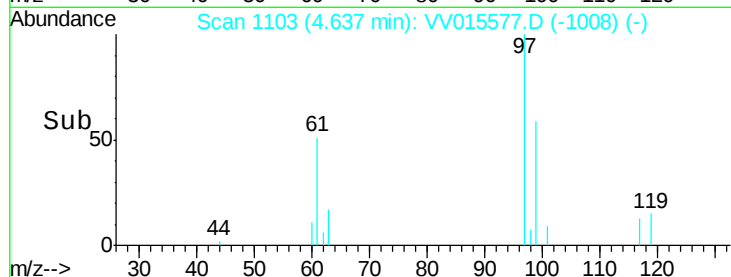
61 53.5 39.0 58.6



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 2.592 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015577.D

Acq: 20 Apr 2020 12:58

Tgt Ion: 95 Resp: 19282

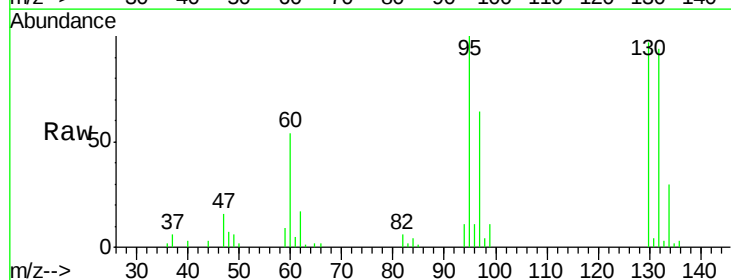
Ion Ratio Lower Upper

95 100

97 64.1 45.4 84.4

132 94.1 64.8 120.4

130 97.4 67.4 125.2

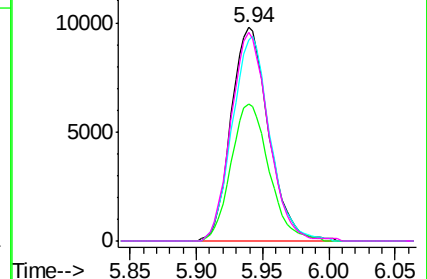
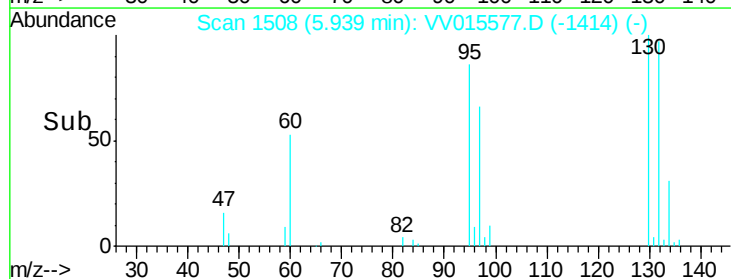


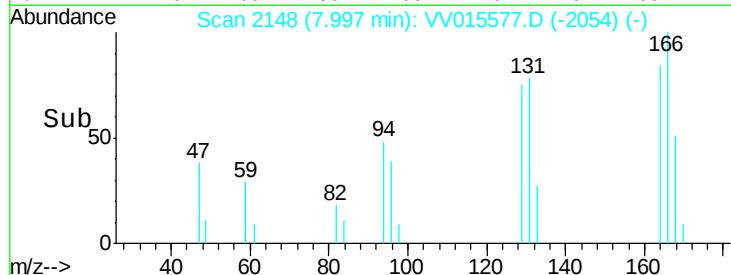
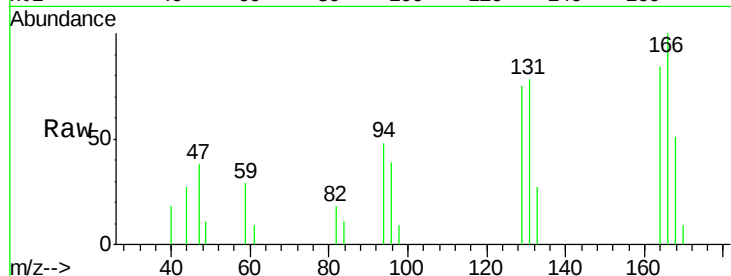
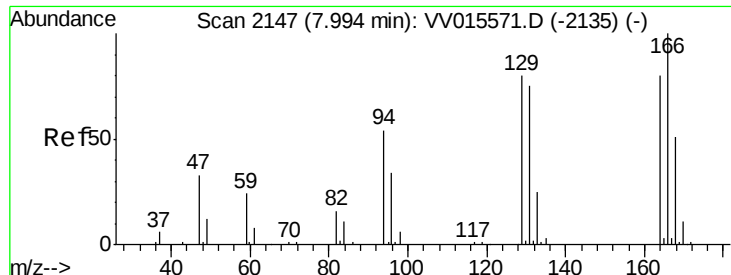
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 0.308 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015577.D

Acq: 20 Apr 2020 12:58

Instrument :

MSVOA_V

ClientSampleId :

C0AC8

Tot Ion:164 Resp: 1699

Ion Ratio Lower Upper

164 100

129 88.4 70.6 131.0

131 92.1 68.3 126.8

166 118.5 88.3 163.9

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

