

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017978.D
 Acq On : 13 Aug 2020 18:37
 Operator : SY/MD
 Sample : L3665-10 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L71

Quant Time: Aug 14 04:17:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266761	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	260521	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128059	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	79880	39.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.50%
7) Chloroethane-d5	1.57	69	65746	39.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.96%
11) 1,1-Dichloroethene-d2	2.12	63	129384	33.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.46%
21) 2-Butanone-d5	3.91	46	124594	93.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.46%
24) Chloroform-d	4.37	84	163964	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
26) 1,2-Dichloroethane-d4	5.06	65	115466	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.07	84	337886	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
36) 1,2-Dichloropropane-d6	6.09	67	110800	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.40%
41) Toluene-d8	7.34	98	298318	46.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.64	79	49472	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
47) 2-Hexanone-d5	8.11	63	66541	88.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140595	46.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	127317	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%

Target Compounds

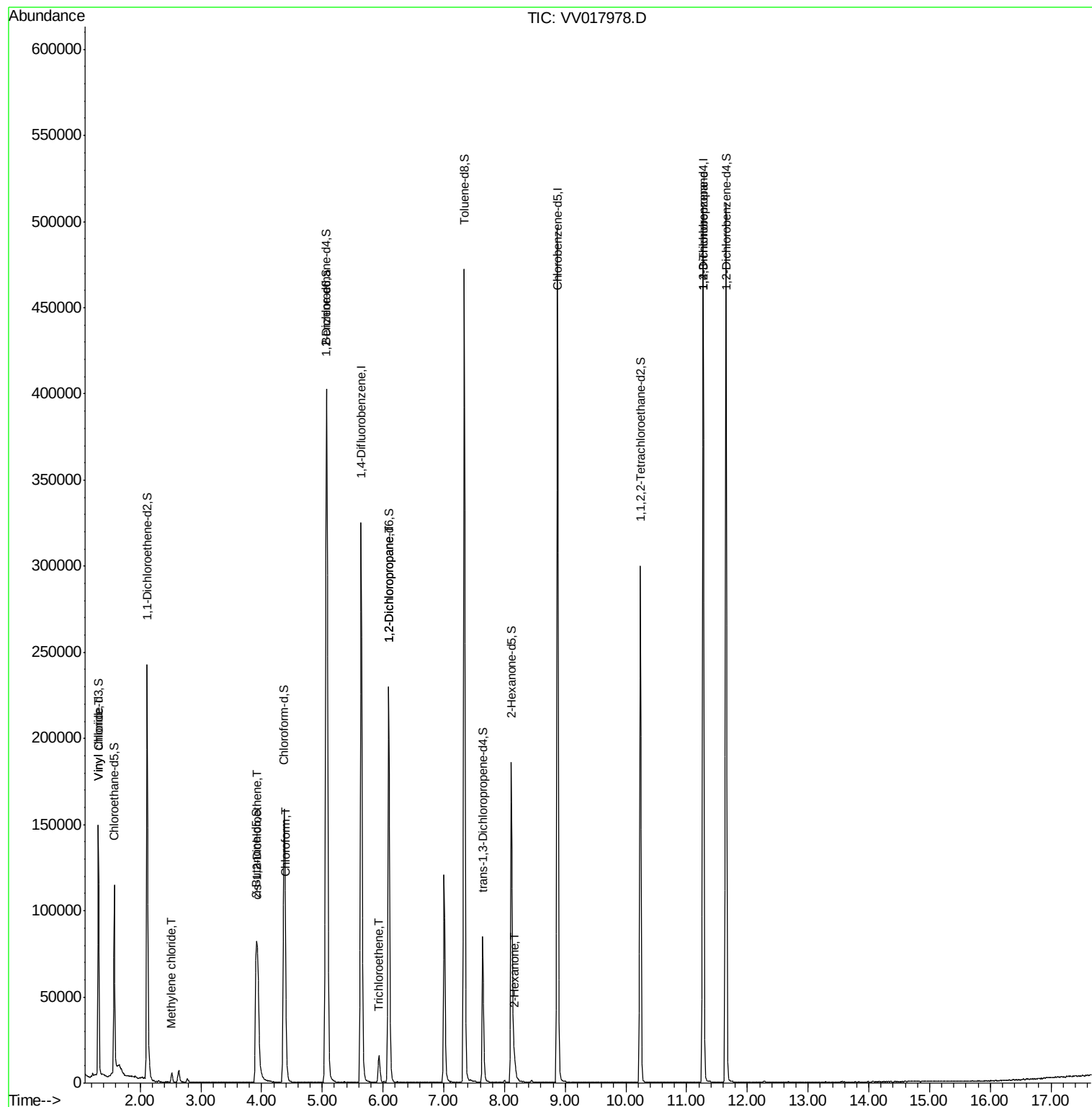
					Ovalue
5) Vinyl chloride	1.32	62	12499	5.273 ug/L #	61
16) Methylene chloride	2.52	84	2125	0.932 ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	23958	11.852 ug/L	97
25) Chloroform	4.40	83	6562	1.739 ug/L	97
34) Trichloroethene	5.94	95	2052	0.963 ug/L	91
37) 1,2-Dichloropropane	6.09	63	11920	5.423 ug/L #	87
48) 2-Hexanone	8.17	43	6788	2.929 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	14590	5.375 ug/L #	87

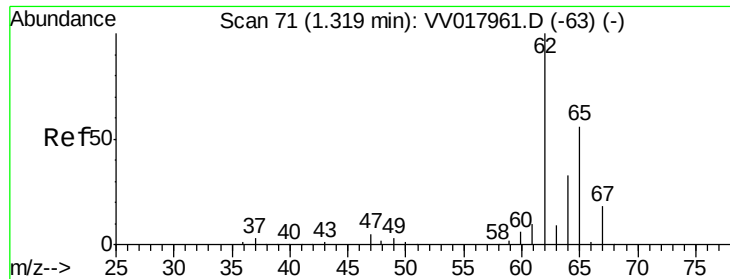
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.273 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017978.D

Acq: 13 Aug 2020 18:37

Instrument :

MSVOA_V

ClientSampled :

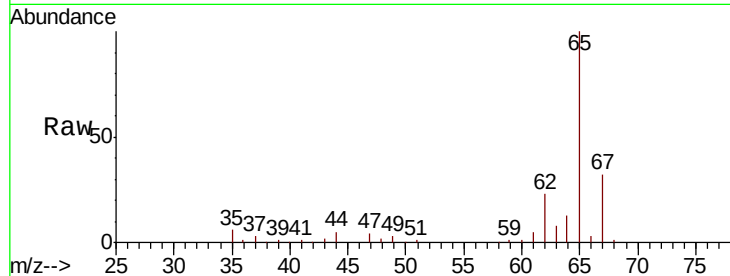
F4L71

Tot Ion: 62 Resp: 12499

Ion Ratio Lower Upper

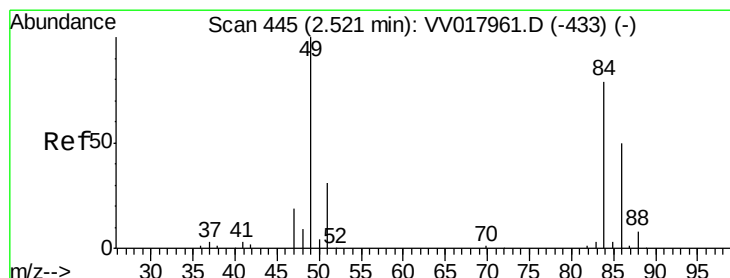
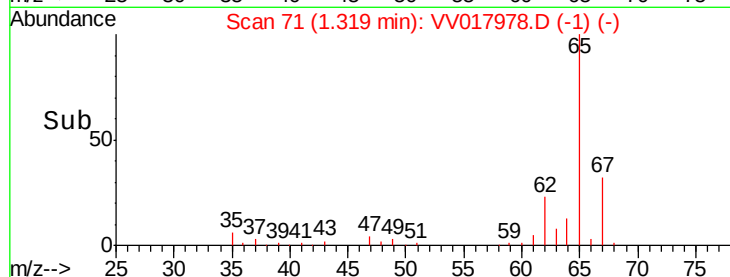
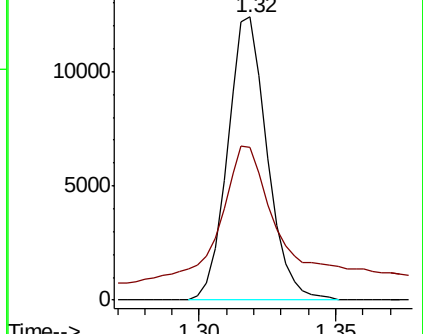
62 100

64 53.9 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#16

Methylene chloride

Concen: 0.932 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017978.D

Acq: 13 Aug 2020 18:37

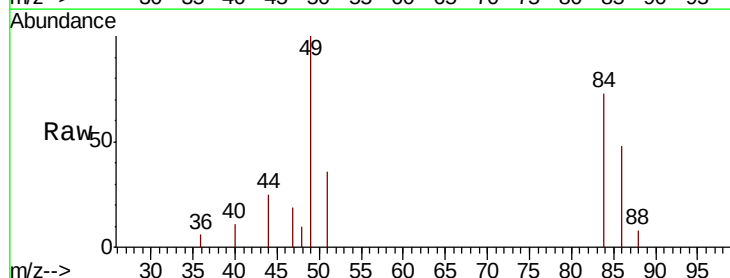
Tgt Ion: 84 Resp: 2125

Ion Ratio Lower Upper

84 100

86 66.1 46.3 85.9

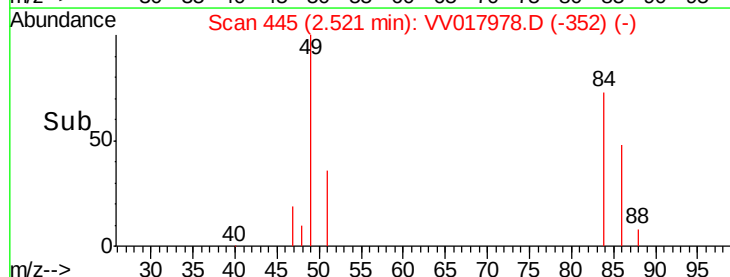
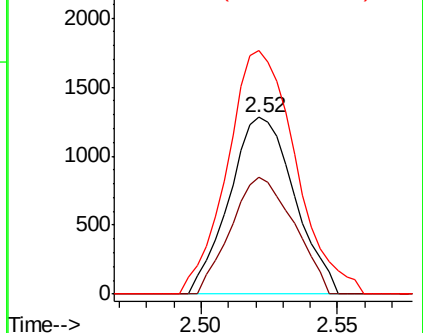
49 137.9 89.7 166.5

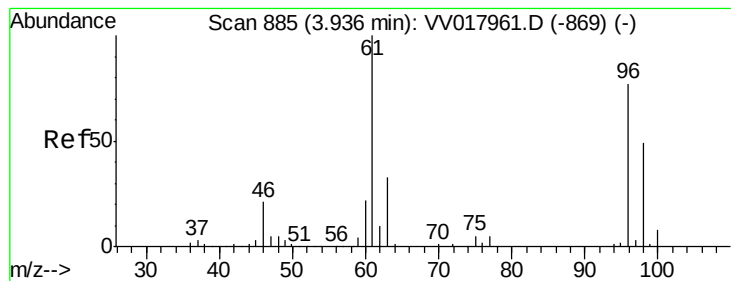


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 11.852 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017978.D

Acq: 13 Aug 2020 18:37

Instrument :

MSVOA_V

ClientSampleId :

F4L71

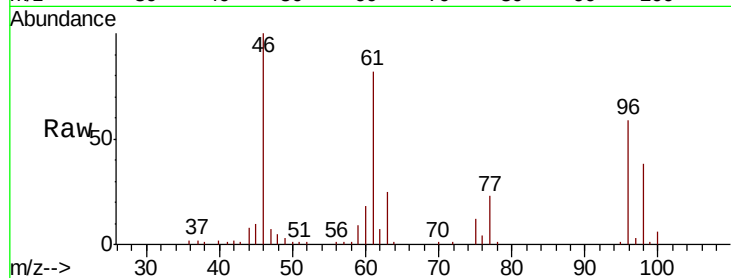
Tot Ion: 96 Resp: 23958

Ion Ratio Lower Upper

96 100

61 139.2 95.0 176.4

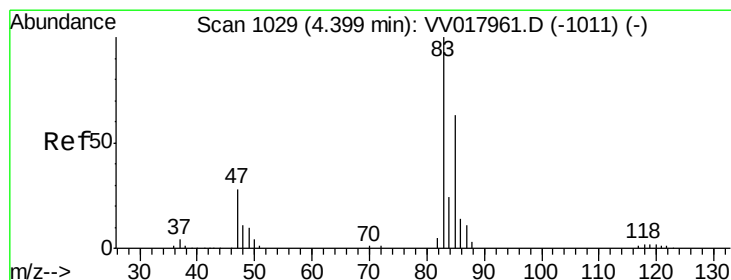
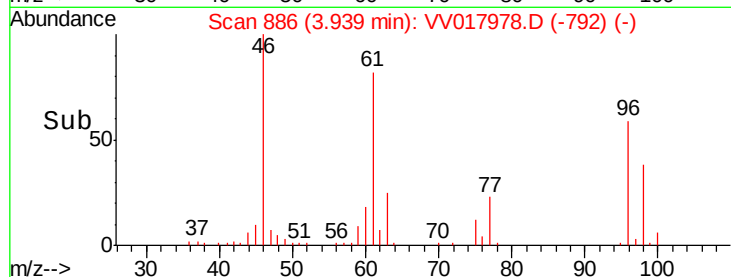
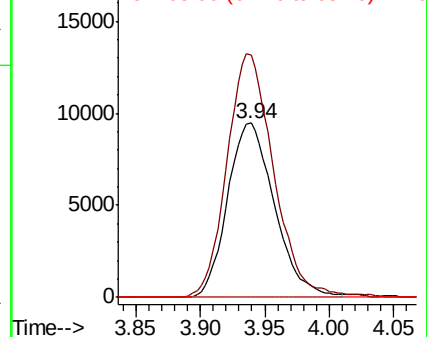
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017961.D (-869) (-)

Ion 61.00 (60.70 to 61.70): VV017961.D (-869) (-)

Ion 68.00 (67.70 to 68.70): VV017961.D (-869) (-)



#25

Chloroform

Concen: 1.739 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017978.D

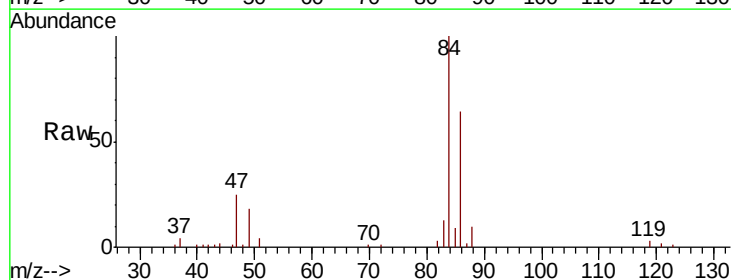
Acq: 13 Aug 2020 18:37

Tgt Ion: 83 Resp: 6562

Ion Ratio Lower Upper

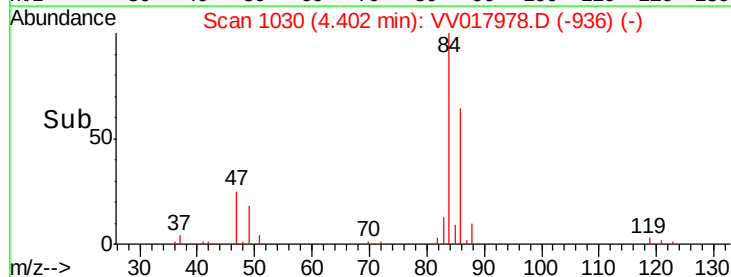
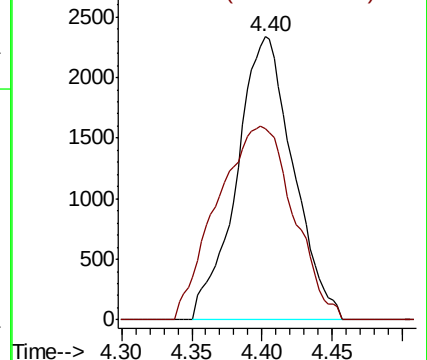
83 100

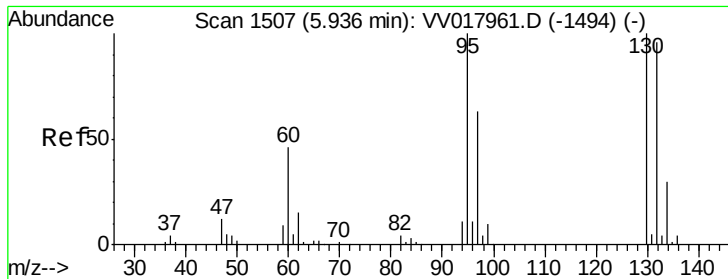
85 67.4 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV017961.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV017961.D (-1011) (-)





#34

Trichloroethene

Concen: 0.963 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017978.D

Acq: 13 Aug 2020 18:37

Instrument :

MSVOA_V

ClientSampleId :

F4L71

Tot Ion: 95 Resp: 2052

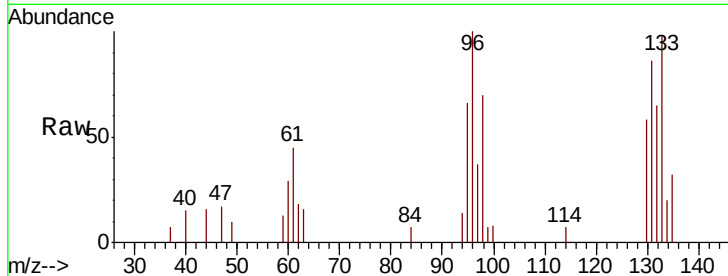
Ion Ratio Lower Upper

95 100

97 56.4 46.0 85.4

132 98.3 65.8 122.2

130 87.2 69.2 128.6

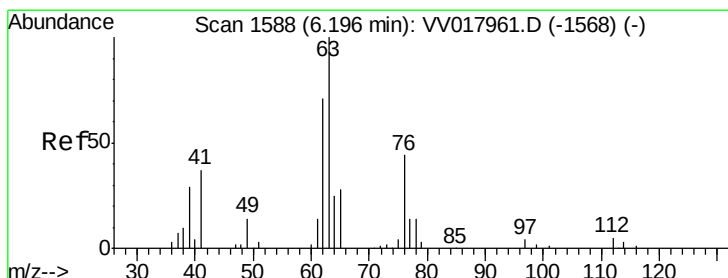
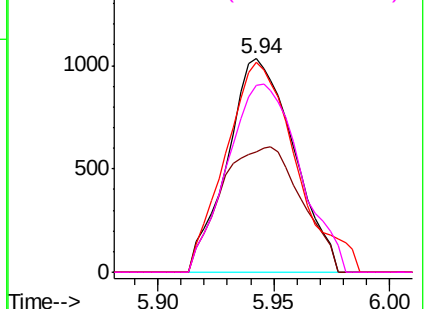
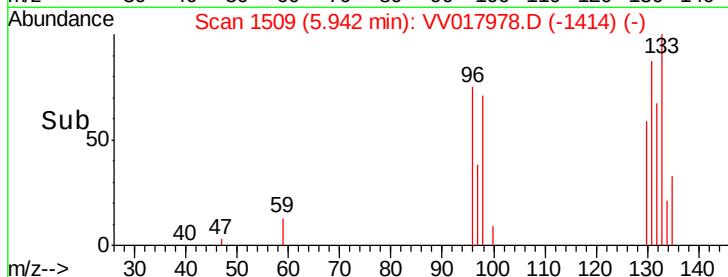


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#37

1,2-Dichloropropane

Concen: 5.423 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017978.D

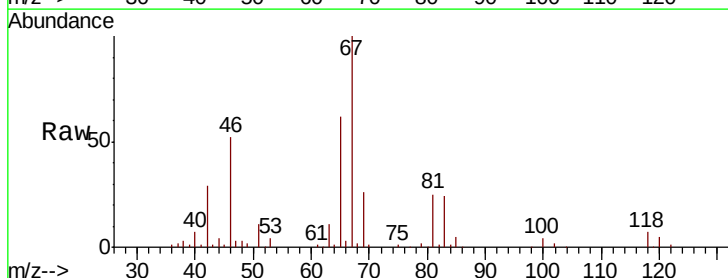
Acq: 13 Aug 2020 18:37

Tgt Ion: 63 Resp: 11920

Ion Ratio Lower Upper

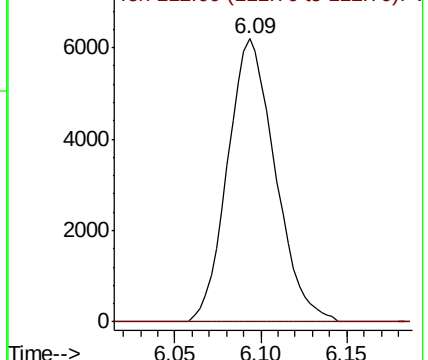
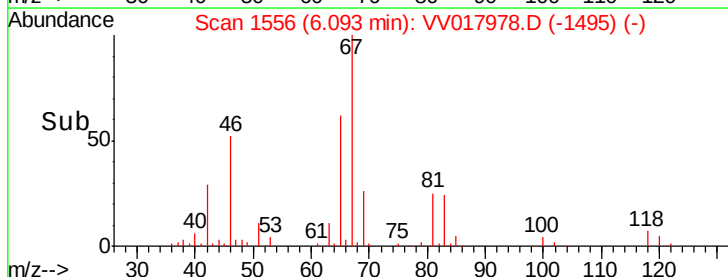
63 100

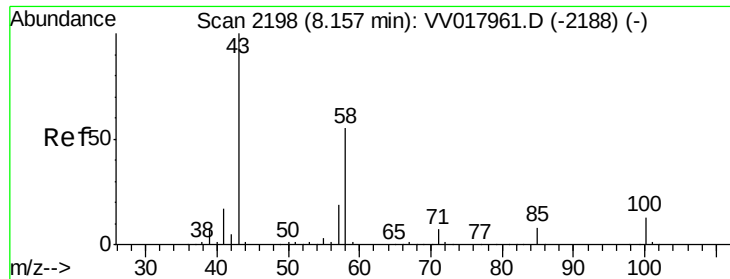
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

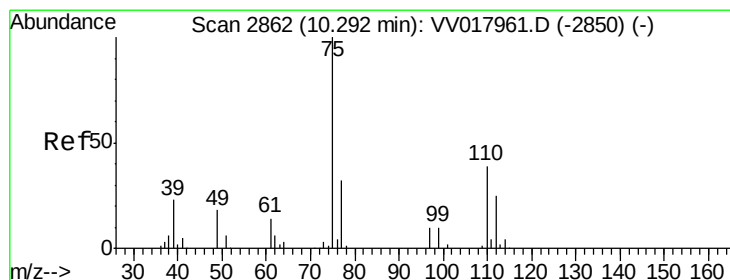
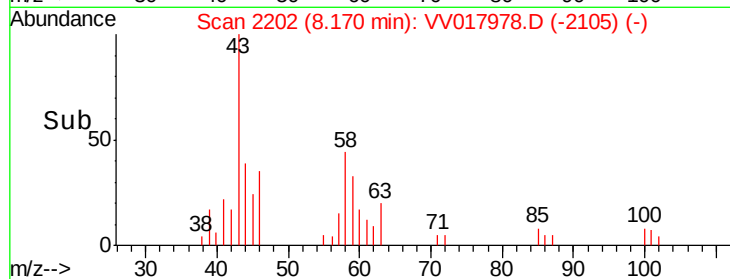
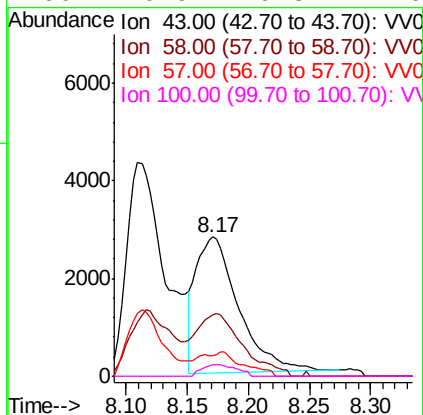
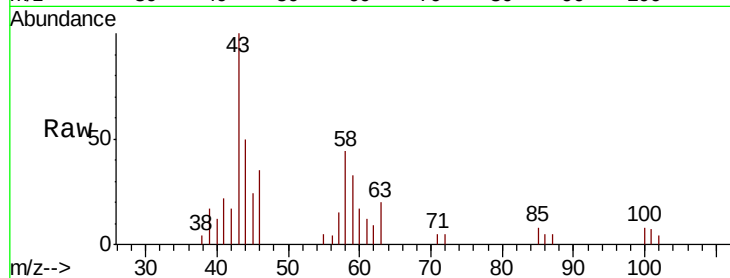




#48
 2-Hexanone
 Concen: 2.929 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV017978.D
 Acq: 13 Aug 2020 18:37

Instrument :
 MSVOA_V
 ClientSampled :
 F4L71

Tot Ion: 43 Resp: 6788
 Ion Ratio Lower Upper
 43 100
 58 48.7 44.4 66.6
 57 11.5 15.2 22.8#
 100 6.9 9.8 14.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.375 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV017978.D
 Acq: 13 Aug 2020 18:37

Tgt Ion: 75 Resp: 14590
 Ion Ratio Lower Upper
 75 100
 77 39.5 25.7 38.5#

