

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018122.D
 Acq On : 27 Aug 2020 17:34
 Operator : SY/MD
 Sample : L3800-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G5

Quant Time: Aug 28 06:24:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	264824	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	262954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128666	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	80753	39.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.94%
7) Chloroethane-d5	1.58	69	72598	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.84%
11) 1,1-Dichloroethene-d2	2.12	63	125470	32.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.92%
21) 2-Butanone-d5	3.91	46	122409	92.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.50%
24) Chloroform-d	4.38	84	160905	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
26) 1,2-Dichloroethane-d4	5.06	65	112447	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
32) Benzene-d6	5.07	84	329351	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.90%
36) 1,2-Dichloropropane-d6	6.09	67	108480	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.58%
41) Toluene-d8	7.34	98	288199	44.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.44%
43) trans-1,3-Dichloropropene-	7.64	79	48841	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.90%
47) 2-Hexanone-d5	8.11	63	63344	83.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137116	44.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	126437	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%

Target Compounds

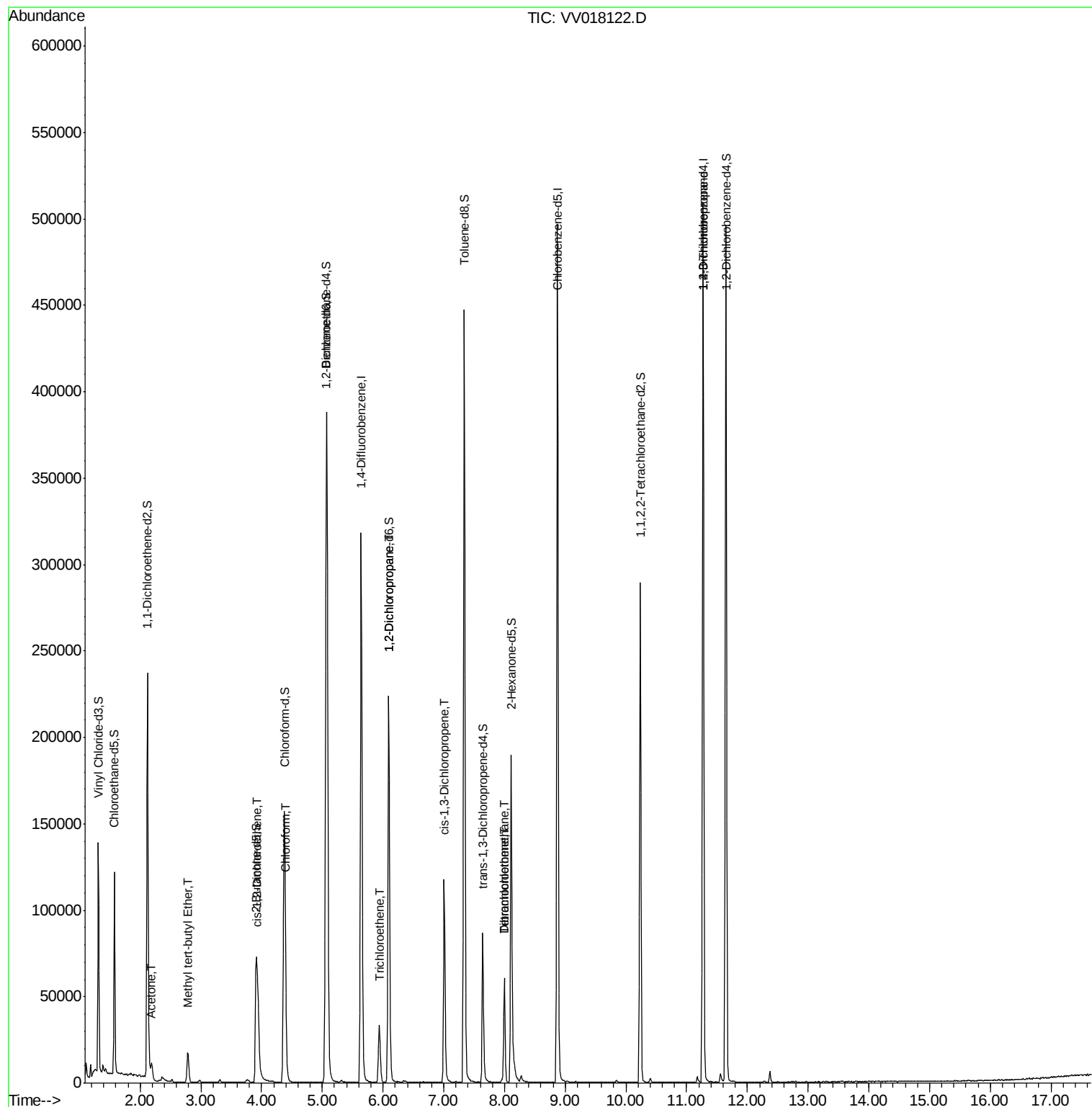
					Ovalue
13) Acetone	2.19	43	11185	8.183	ug/L 91
18) Methyl tert-butyl Ether	2.79	73	16720	2.769	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	15565	7.757	ug/L 94
25) Chloroform	4.40	83	6650	1.776	ug/L 88
34) Trichloroethene	5.94	95	9287	4.319	ug/L 94
37) 1,2-Dichloropropane	6.09	63	12426	5.601	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	2871	0.913	ug/L # 56
46) Tetrachloroethene	8.00	164	14032	8.897	ug/L 98
49) Dibromochloromethane	8.00	129	12917	6.441	ug/L # 10
59) 1,2,3-Trichloropropane	11.27	75	15011	5.478	ug/L 92

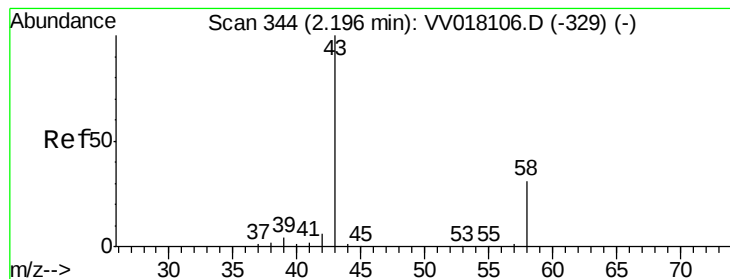
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 28 06:20:16 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.183 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV018122.D

Acq: 27 Aug 2020 17:34

Instrument :

MSVOA_V

ClientSampleId :

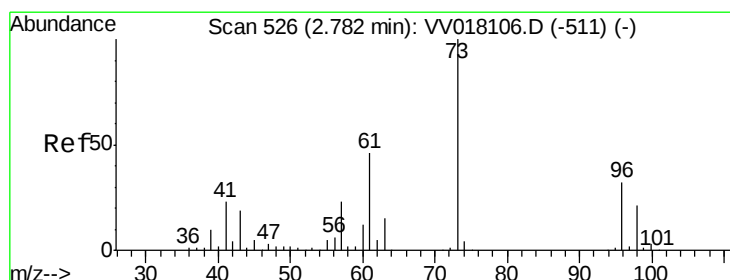
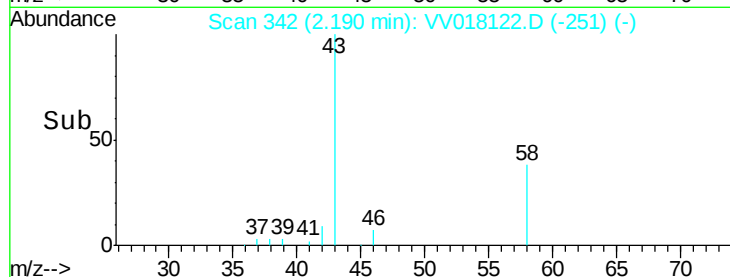
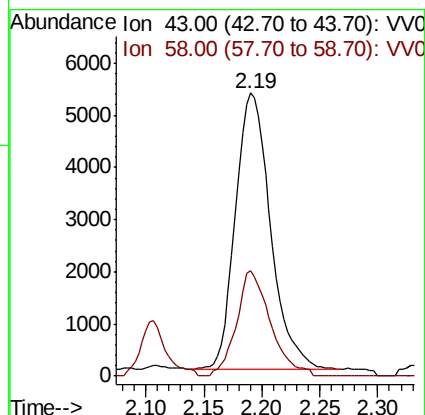
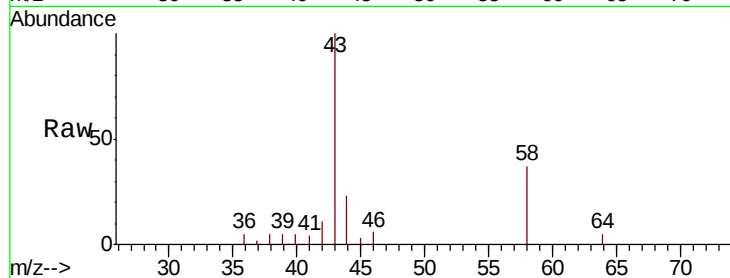
BG3G5

Tot Ion: 43 Resp: 11185

Ion Ratio Lower Upper

43 100

58 36.8 0.0 63.6



#18

Methyl tert-butyl Ether

Concen: 2.769 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.01 min

Lab File: VV018122.D

Acq: 27 Aug 2020 17:34

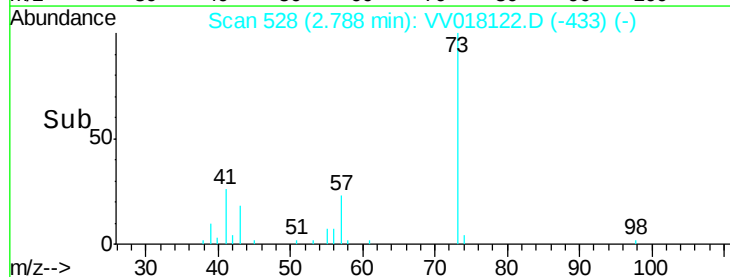
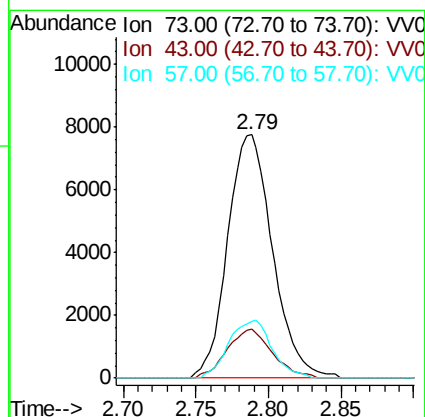
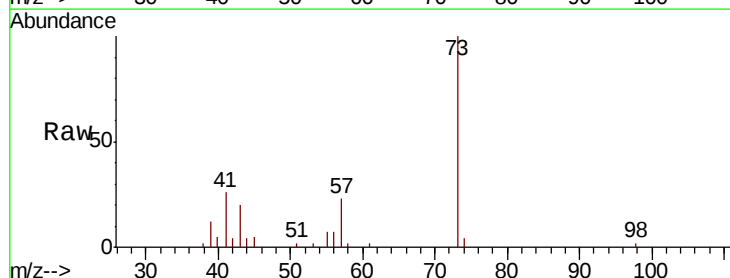
Tgt Ion: 73 Resp: 16720

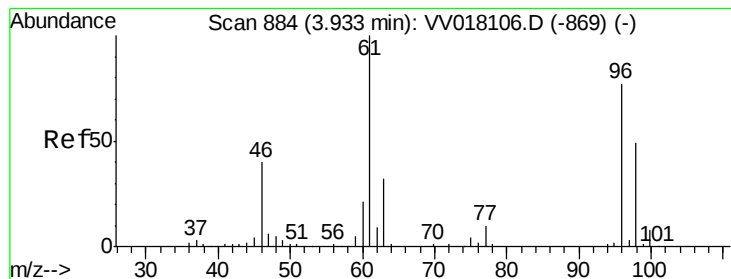
Ion Ratio Lower Upper

73 100

43 20.3 15.9 23.9

57 23.0 18.1 27.1



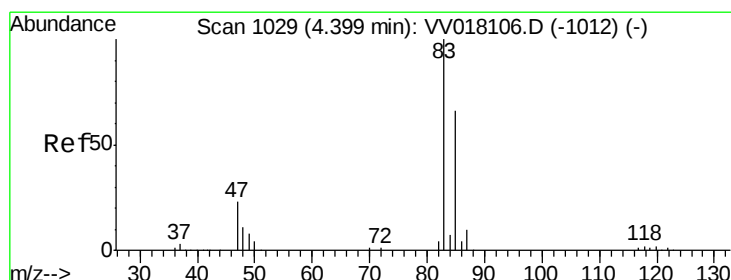
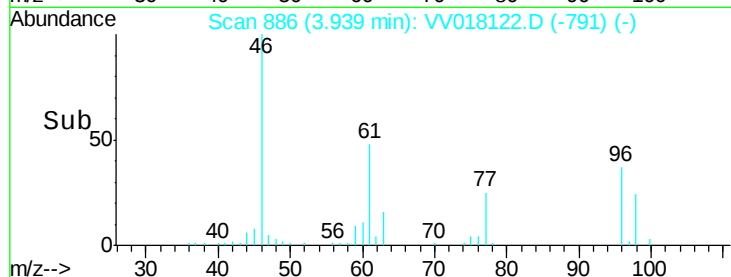
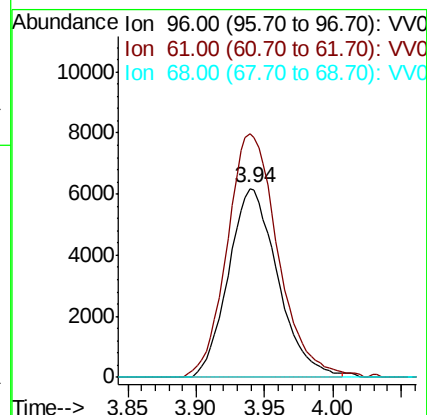
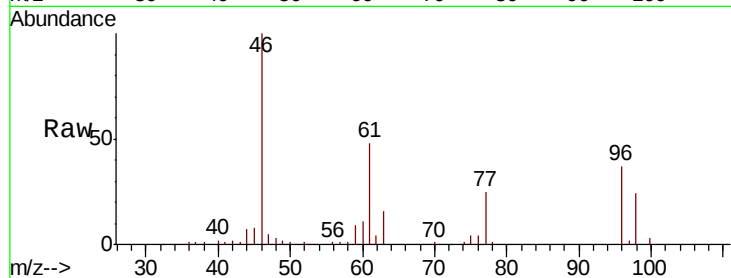


#20

cis-1,2-Dichloroethene
Concen: 7.757 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV018122.D
Acq: 27 Aug 2020 17:34

Instrument :
MSVOA_V
ClientSampleId :
BG3G5

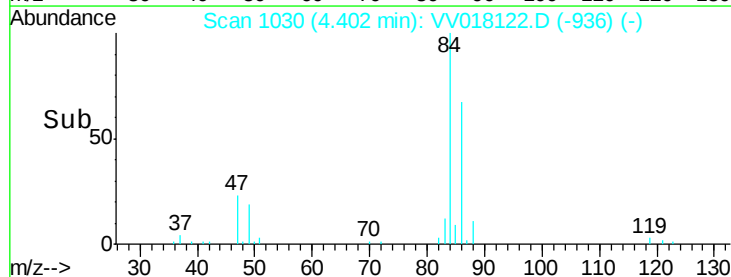
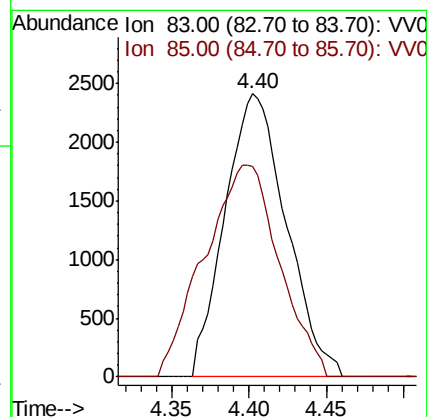
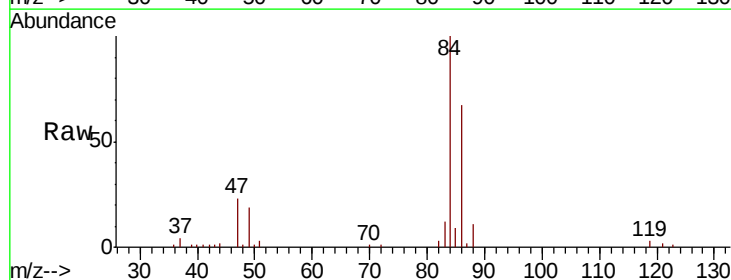
Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	129.1	95.0	176.4	
68	0.0	0.0	0.0	

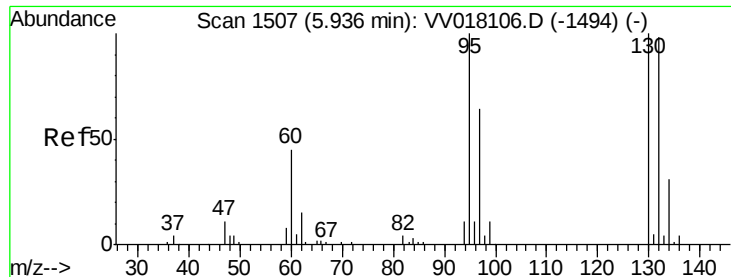


#25

Chloroform
Concen: 1.776 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018122.D
Acq: 27 Aug 2020 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
85	74.5	45.5	84.5	





#34

Trichloroethene

Concen: 4.319 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018122.D

Acq: 27 Aug 2020 17:34

Instrument :

MSVOA_V

ClientSampleId :

BG3G5

Tot Ion: 95 Resp: 9287

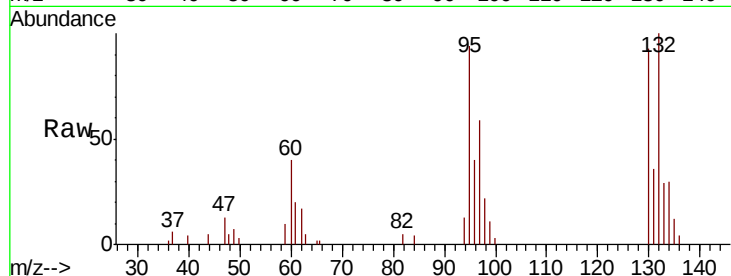
Ion Ratio Lower Upper

95 100

97 63.3 46.0 85.4

132 106.7 65.8 122.2

130 99.4 69.2 128.6

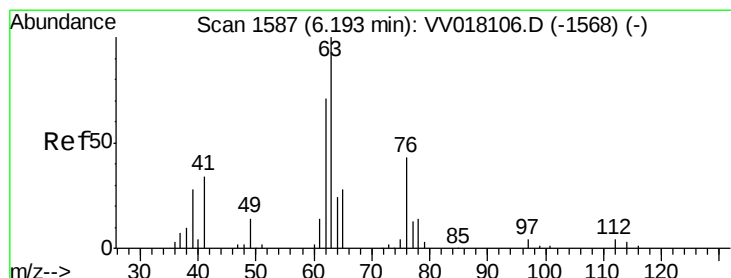
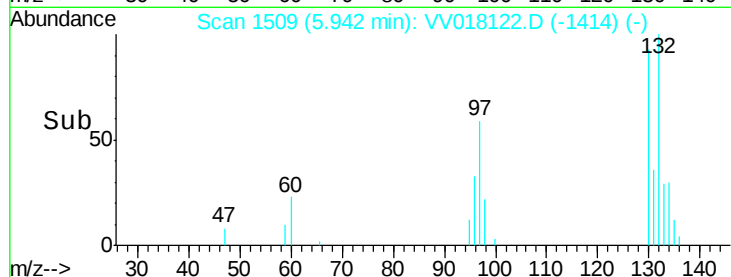
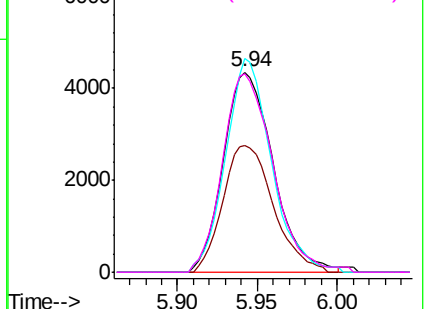


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.601 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018122.D

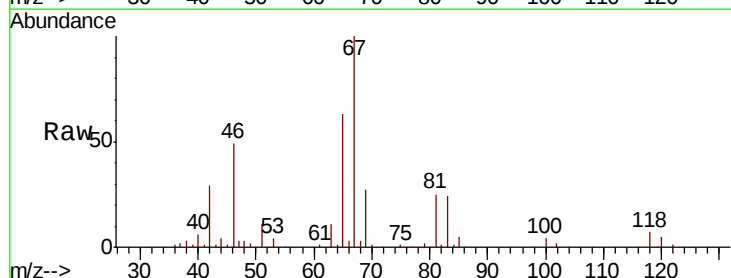
Acq: 27 Aug 2020 17:34

Tgt Ion: 63 Resp: 12426

Ion Ratio Lower Upper

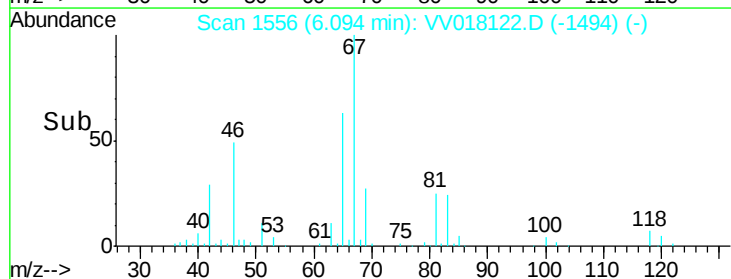
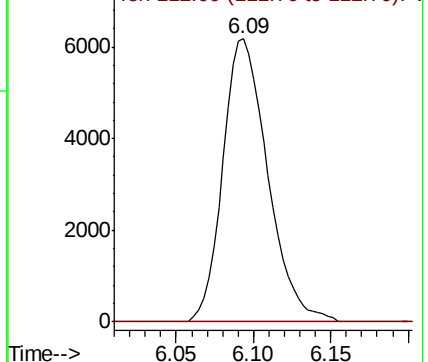
63 100

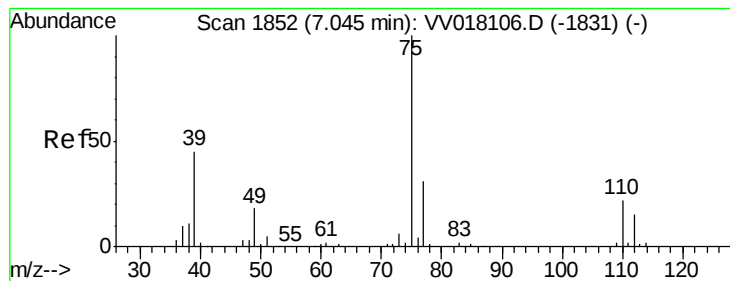
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.913 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018122.D

Acq: 27 Aug 2020 17:34

Instrument :

MSVOA_V

ClientSampleId :

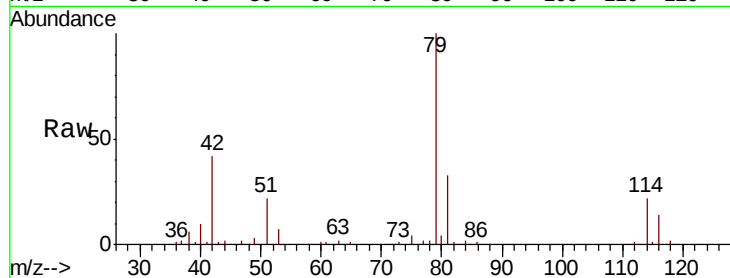
BG3G5

Tot Ion: 75 Resp: 2871

Ion Ratio Lower Upper

75 100

77 56.3 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV018106.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV018106.D (-1831) (-)

7.01

1500

1000

500

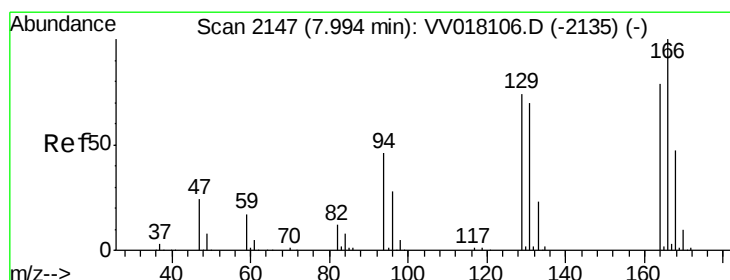
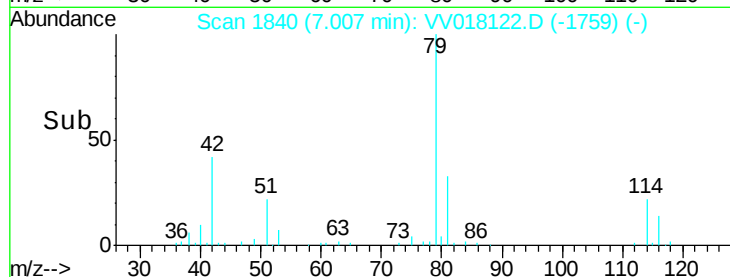
0

6.95

7.00

7.05

Time-->



#46

Tetrachloroethene

Concen: 8.897 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018122.D

Acq: 27 Aug 2020 17:34

Tgt Ion: 164 Resp: 14032

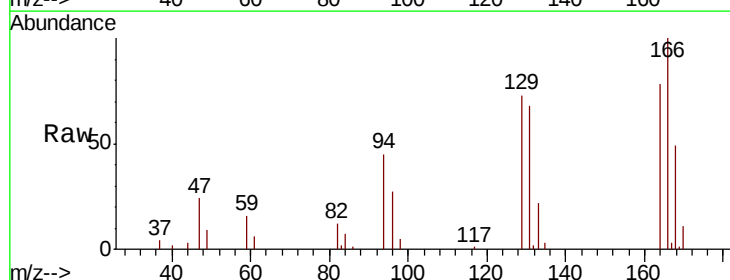
Ion Ratio Lower Upper

164 100

129 93.2 64.8 120.3

131 87.5 64.5 119.9

166 128.5 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): VV018106.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV018106.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV018106.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV018106.D (-2135) (-)

15000

10000

5000

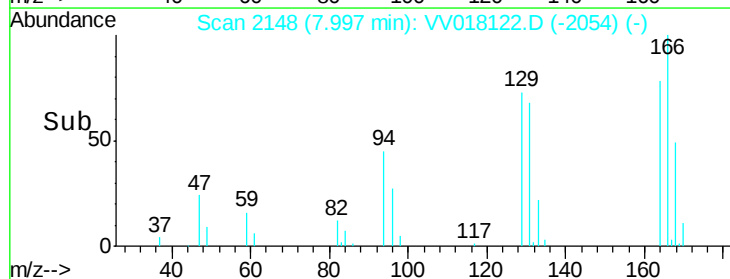
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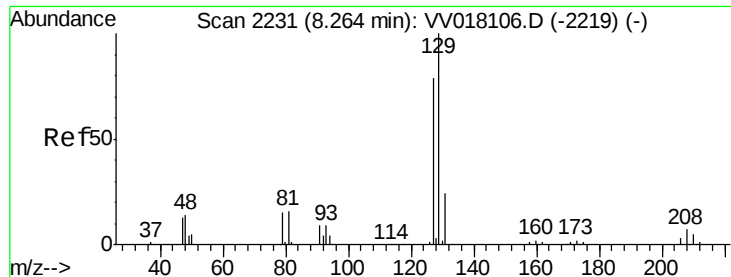
7.95

8.00

8.05

Time-->





#49

Dibromochloromethane

Concen: 6.441 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018122.D

Acq: 27 Aug 2020 17:34

Instrument :

MSVOA_V

ClientSampleId :

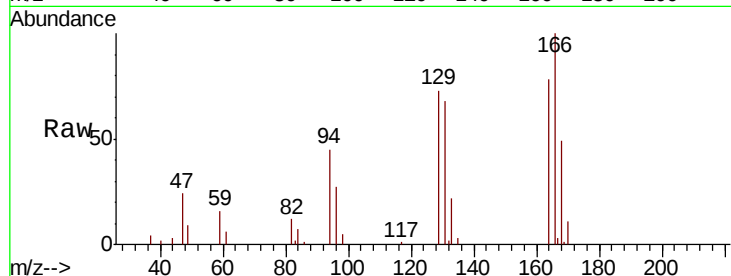
BG3G5

Tot Ion:129 Resp: 12917

Ion Ratio Lower Upper

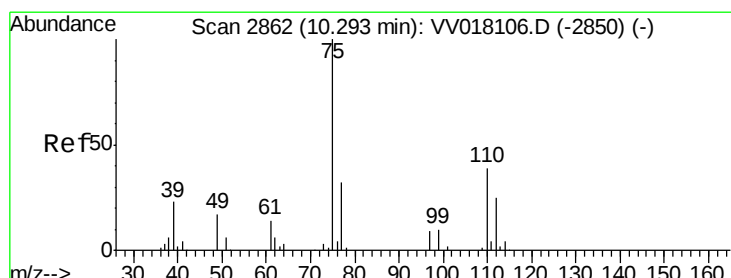
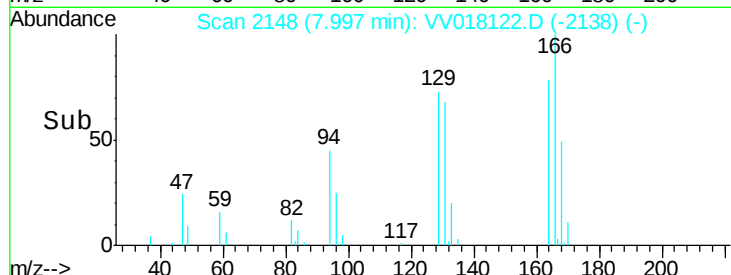
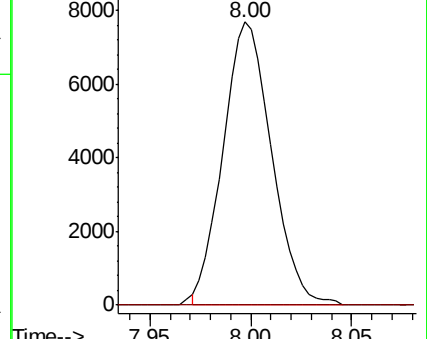
129 100

127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.478 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018122.D

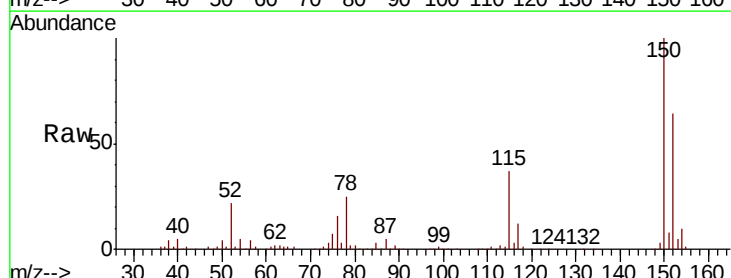
Acq: 27 Aug 2020 17:34

Tgt Ion: 75 Resp: 15011

Ion Ratio Lower Upper

75 100

77 36.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

