

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018925.D
 Acq On : 15 Oct 2020 20:59
 Operator : SY/MD
 Sample : L4382-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG402

Quant Time: Oct 16 08:47:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326685	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148289	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124553	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.64%
7) Chloroethane-d5	1.58	69	100932	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.74%
11) 1,1-Dichloroethene-d2	2.12	63	181896	35.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.66%
21) 2-Butanone-d5	3.91	46	172849	92.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.22%
24) Chloroform-d	4.37	84	222081	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.06	65	154703	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
32) Benzene-d6	5.07	84	447535	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.09	67	144792	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.34%
41) Toluene-d8	7.34	98	393259	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.64	79	66177	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.11	63	87923	78.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141289	40.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	156255	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

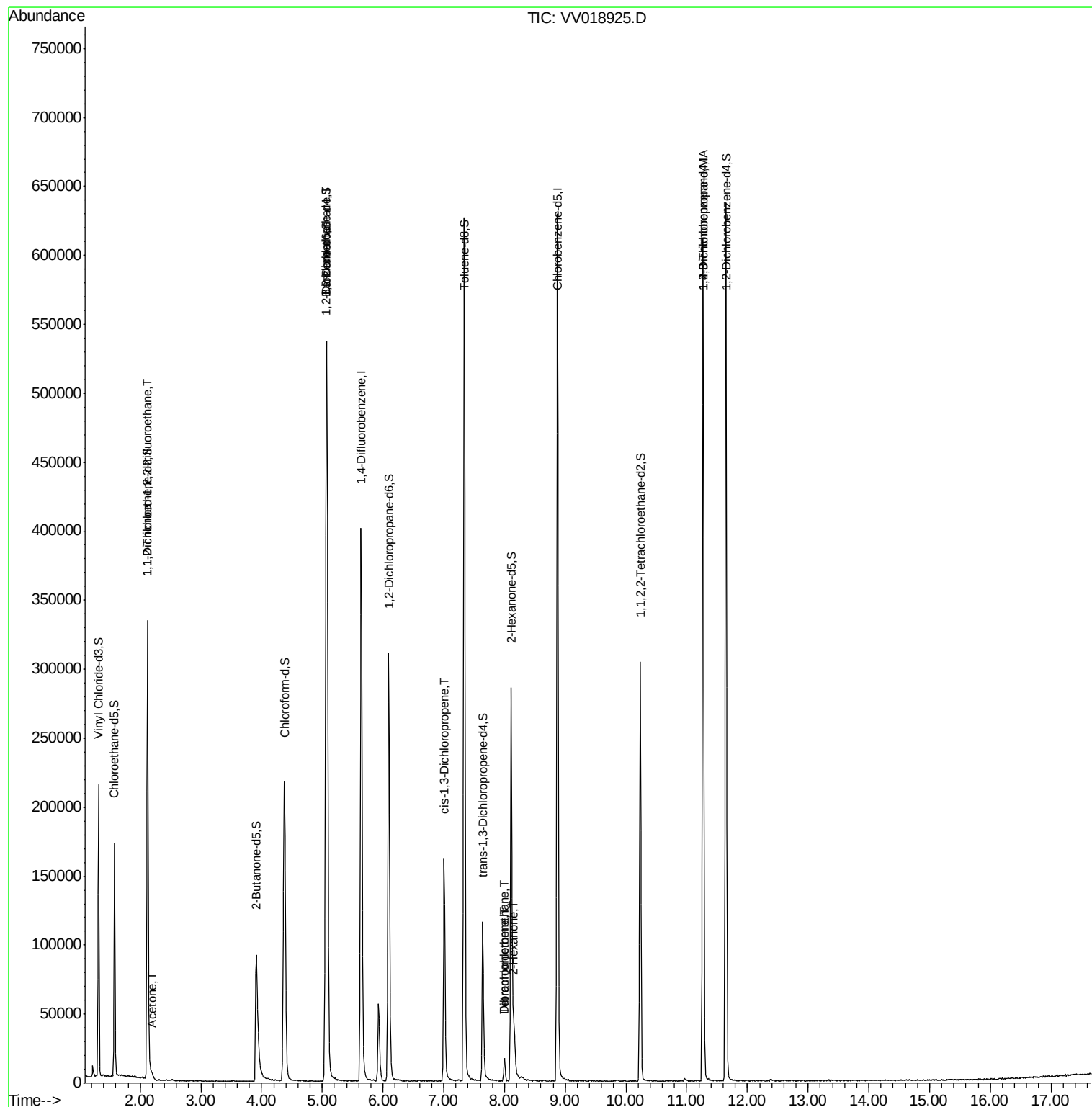
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1682	0.794 ug/L #	20
13) Acetone	2.20	43	6605	4.822 ug/L	81
27) 1,2-Dichloroethane	5.07	62	2892	0.759 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	4386	1.105 ug/L #	67
46) Tetrachloroethene	8.00	164	3667	1.828 ug/L	93
48) 2-Hexanone	8.16	43	23548	8.149 ug/L #	82
49) Dibromochloromethane	8.00	129	3464	1.331 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	18223	5.697 ug/L	90

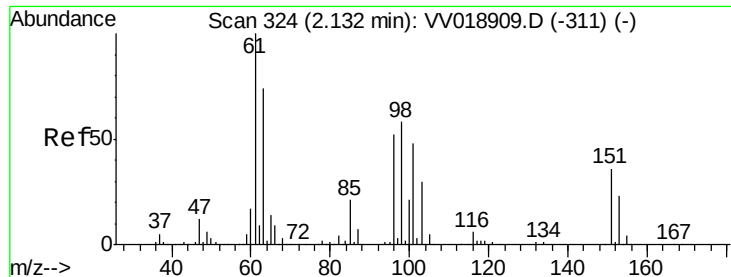
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.794 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018925.D

Acq: 15 Oct 2020 20:59

Instrument :

MSVOA_V

ClientSampleId :

BG402

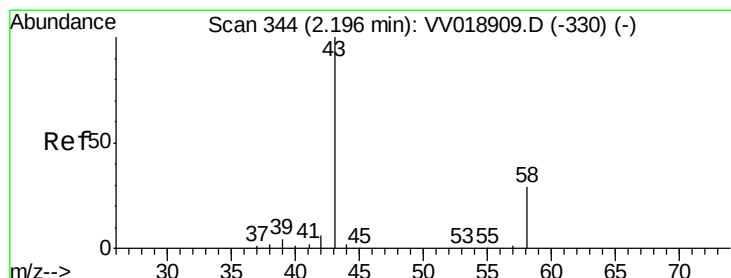
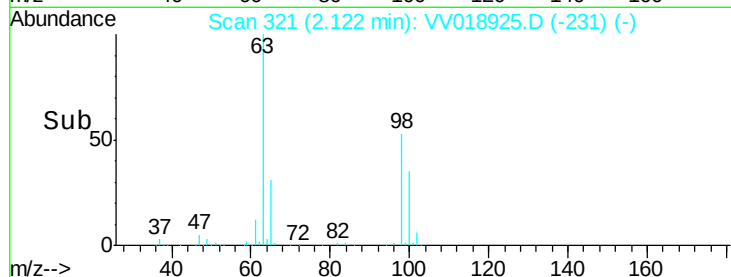
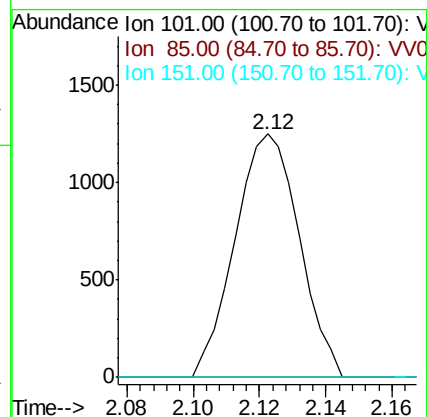
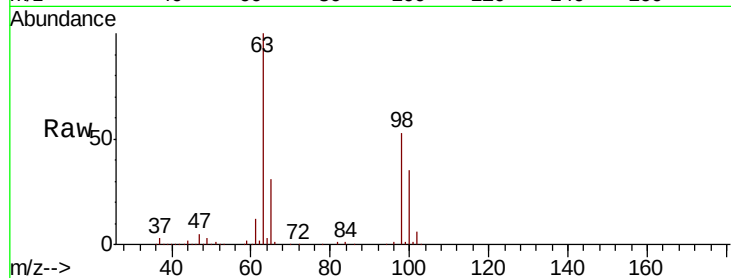
Tot Ion:101 Resp: 1682

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 59.7 89.5#



#13

Acetone

Concen: 4.822 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV018925.D

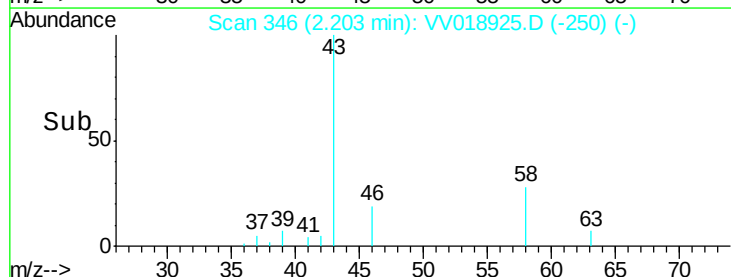
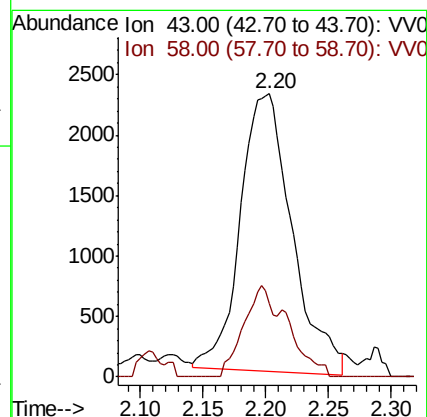
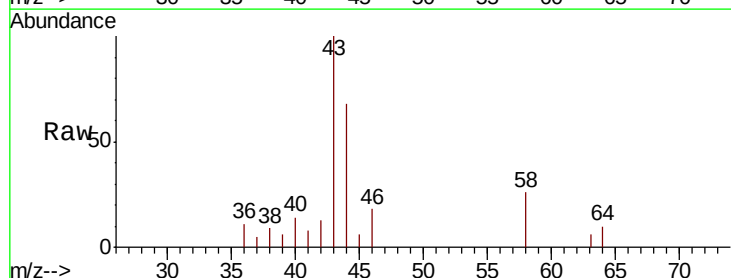
Acq: 15 Oct 2020 20:59

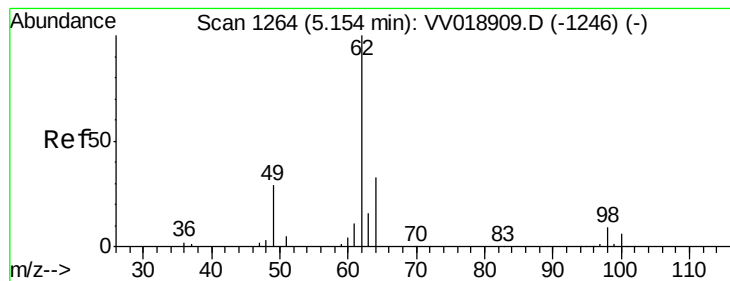
Tgt Ion: 43 Resp: 6605

Ion Ratio Lower Upper

43 100

58 19.1 0.0 58.8





#27

1,2-Dichloroethane

Concen: 0.759 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV018925.D

Acq: 15 Oct 2020 20:59

Instrument :

MSVOA_V

ClientSampleId :

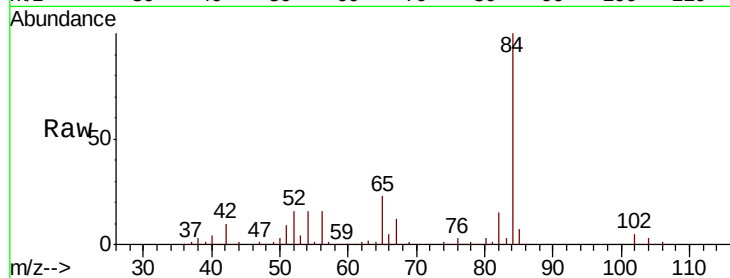
BG402

Tot Ion: 62 Resp: 2892

Ion Ratio Lower Upper

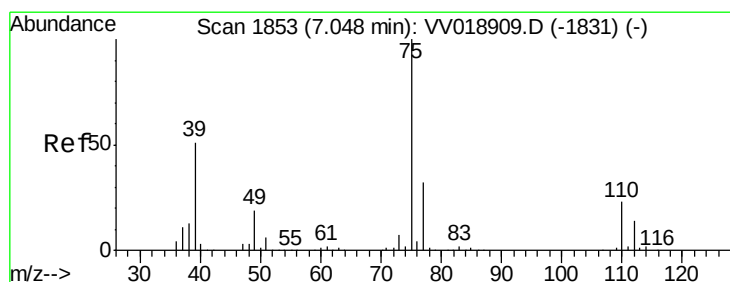
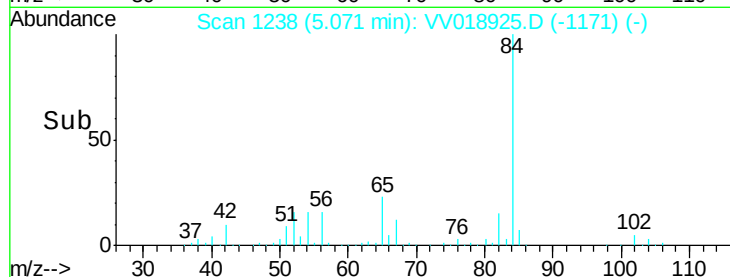
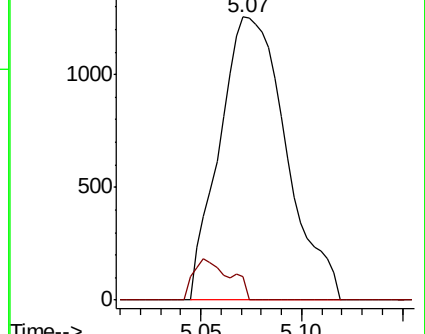
62 100

98 8.5 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.105 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018925.D

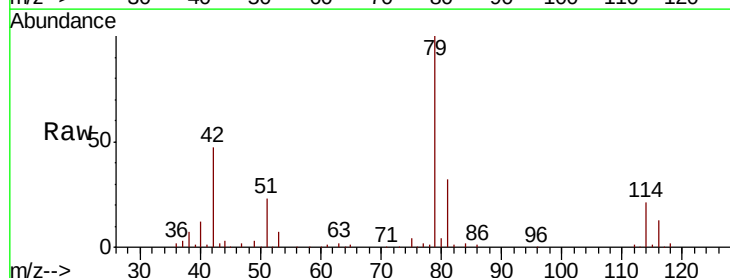
Acq: 15 Oct 2020 20:59

Tgt Ion: 75 Resp: 4386

Ion Ratio Lower Upper

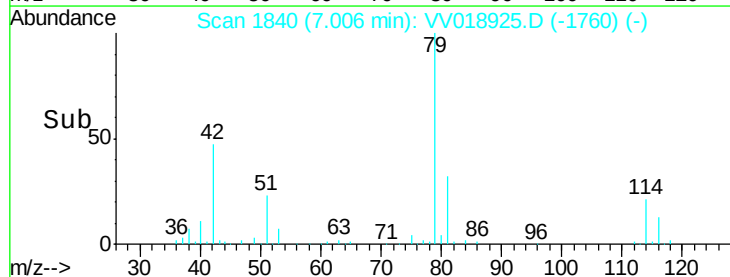
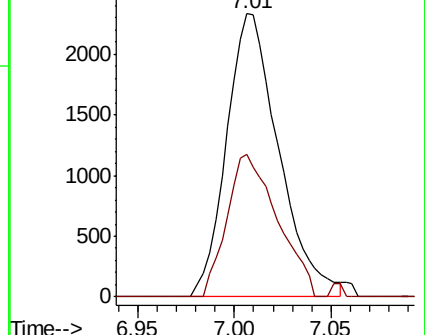
75 100

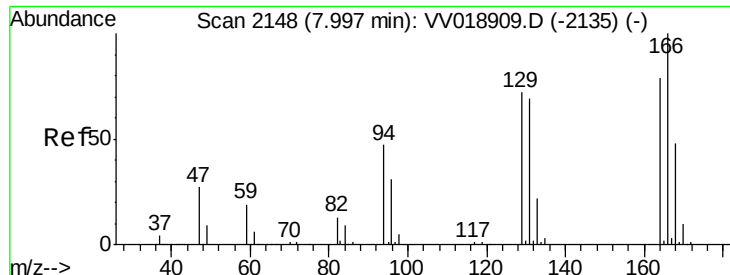
77 50.5 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 1.828 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018925.D

Acq: 15 Oct 2020 20:59

Instrument :

MSVOA_V

ClientSampled :

BG402

Tot Ion:164 Resp: 3667

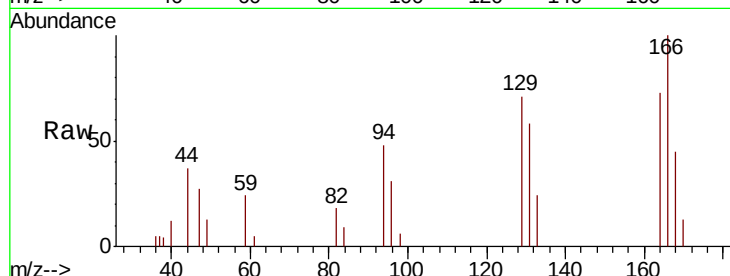
Ion Ratio Lower Upper

164 100

129 97.8 65.0 120.8

131 78.9 62.9 116.7

166 137.1 91.1 169.3

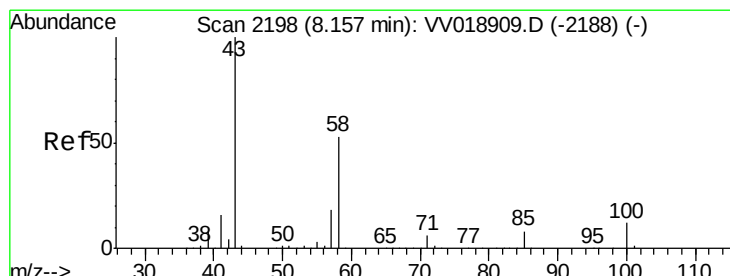
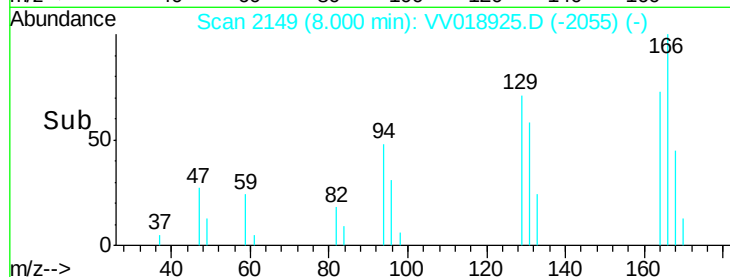
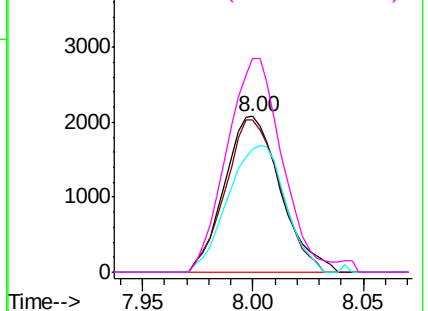


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 8.149 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018925.D

Acq: 15 Oct 2020 20:59

Tgt Ion: 43 Resp: 23548

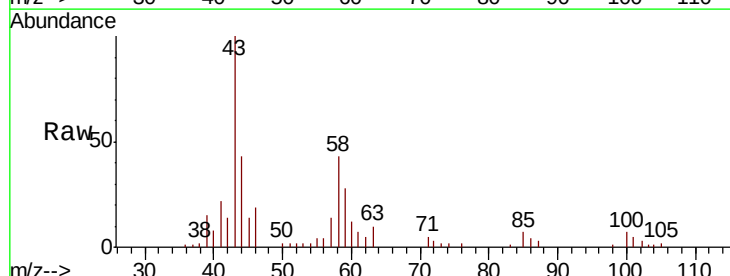
Ion Ratio Lower Upper

43 100

58 36.8 42.5 63.7#

57 14.9 14.5 21.7

100 6.4 9.0 13.4#

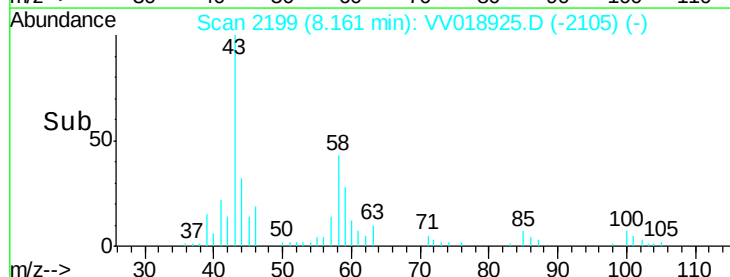
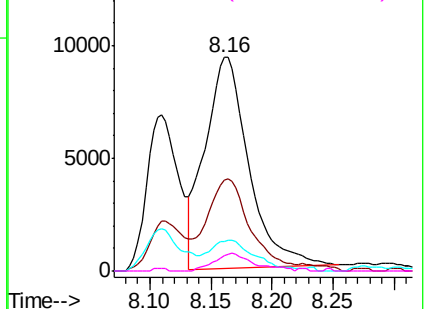


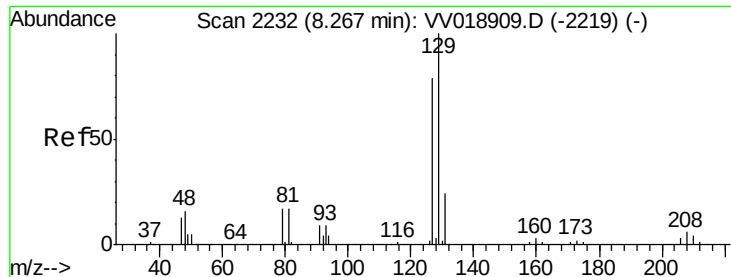
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 1.331 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018925.D

Acq: 15 Oct 2020 20:59

Instrument :

MSVOA_V

ClientSampled :

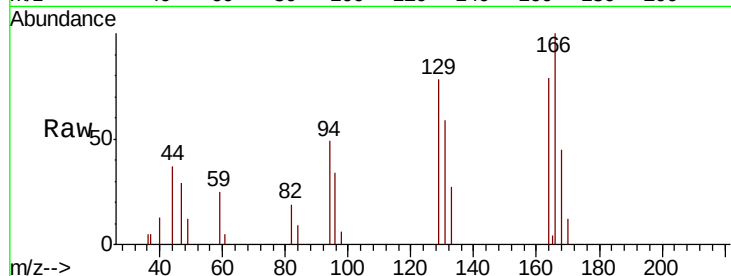
BG402

Tot Ion:129 Resp: 3464

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

2000

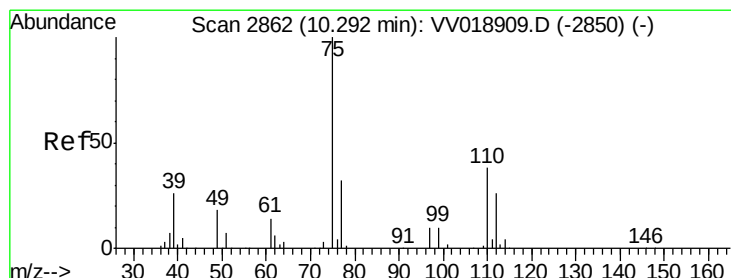
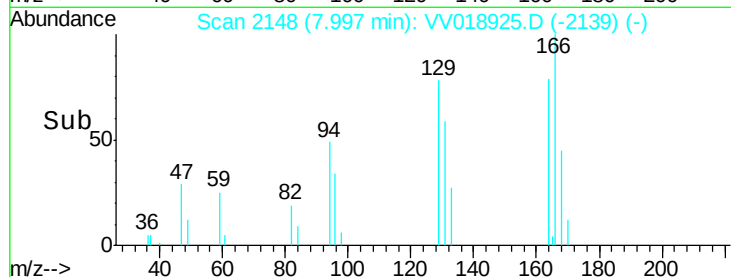
1500

1000

500

0

Time--> 7.95 8.00 8.05



#59

1,2,3-Trichloropropane

Concen: 5.697 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018925.D

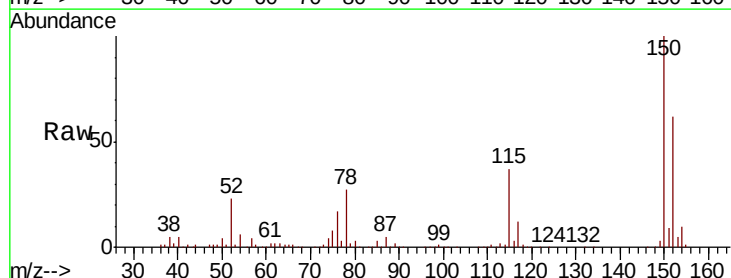
Acq: 15 Oct 2020 20:59

Tgt Ion: 75 Resp: 18223

Ion Ratio Lower Upper

75 100

77 37.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

10000

5000

0

Time--> 11.25 11.30

