

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090120\
 Data File : VV018142.D
 Acq On : 01 Sep 2020 13:03
 Operator : SY/MD
 Sample : L3800-13 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G0

Quant Time: Sep 02 01:44:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 02 01:43:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271203	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	269766	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131937	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76272	36.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.72%
7) Chloroethane-d5	1.58	69	73405	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.72%
11) 1,1-Dichloroethene-d2	2.12	63	123709	31.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.50%
21) 2-Butanone-d5	3.91	46	121492	89.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.64%
24) Chloroform-d	4.38	84	167957	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
26) 1,2-Dichloroethane-d4	5.06	65	116557	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
32) Benzene-d6	5.07	84	334202	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
36) 1,2-Dichloropropane-d6	6.09	67	113408	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.32%
41) Toluene-d8	7.34	98	294618	44.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.14%
43) trans-1,3-Dichloropropene-	7.64	79	52265	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.82%
47) 2-Hexanone-d5	8.11	63	64586	82.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141645	44.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	132741	51.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.24%

Target Compounds

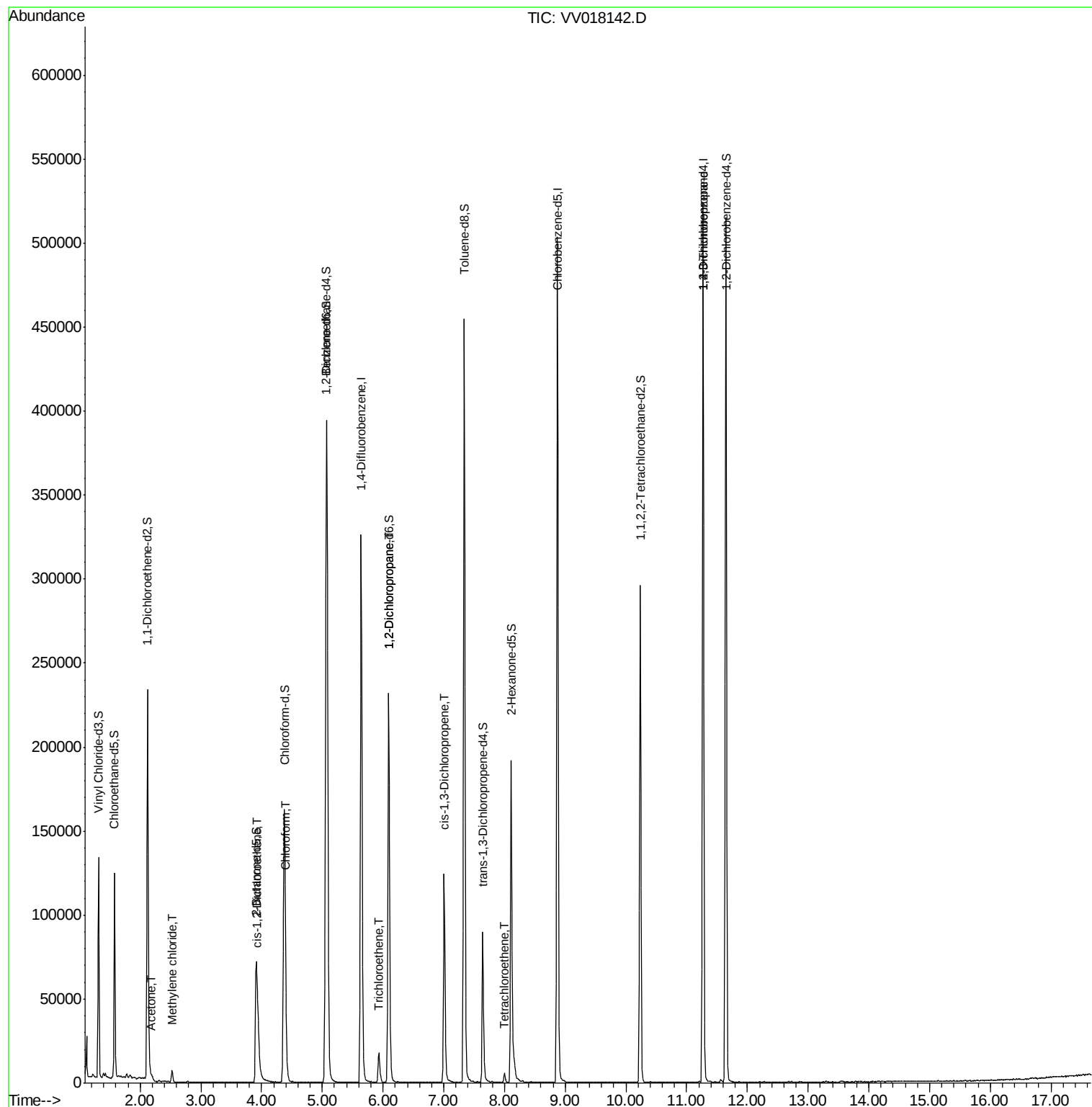
					Ovalue
13) Acetone	2.20	43	4572	3.266 ug/L	97
16) Methylene chloride	2.52	84	3064	1.322 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	7052	3.432 ug/L	100
25) Chloroform	4.40	83	8053	2.100 ug/L	96
34) Trichloroethene	5.95	95	1403	0.636 ug/L	89
37) 1,2-Dichloropropane	6.09	63	12328	5.416 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2975	0.922 ug/L #	56
46) Tetrachloroethene	8.00	164	1450	0.896 ug/L	84
59) 1,2,3-Trichloropropane	11.27	75	16022	5.700 ug/L	95

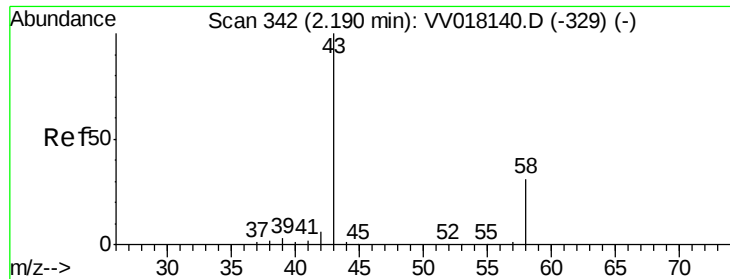
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090120\
Data File : VV018142.D
Acq On : 01 Sep 2020 13:03
Operator : SY/MD
Sample : L3800-13 5X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3G0

Quant Time: Sep 02 01:44:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 02 01:43:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.266 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV018142.D

Acq: 01 Sep 2020 13:03

Instrument :

MSVOA_V

ClientSampled :

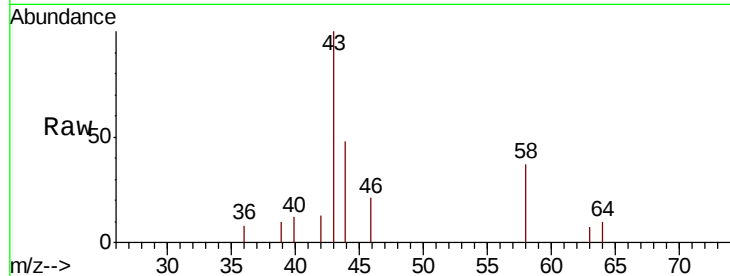
BG3G0

Tot Ion: 43 Resp: 4572

Ion Ratio Lower Upper

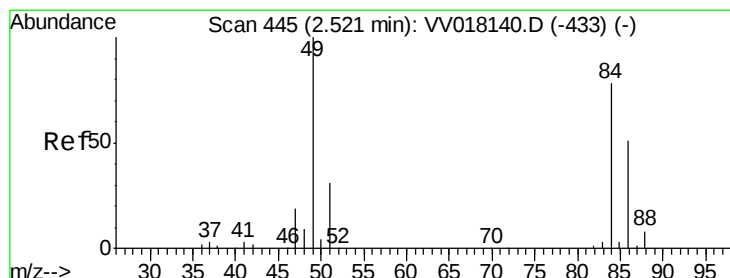
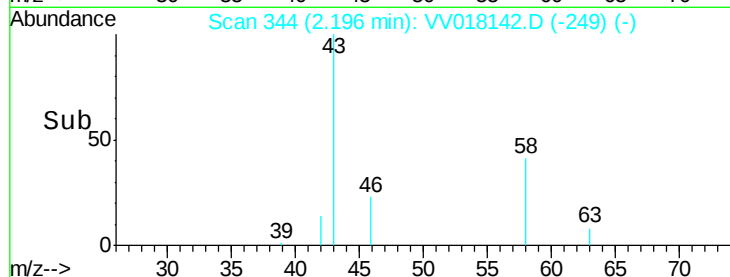
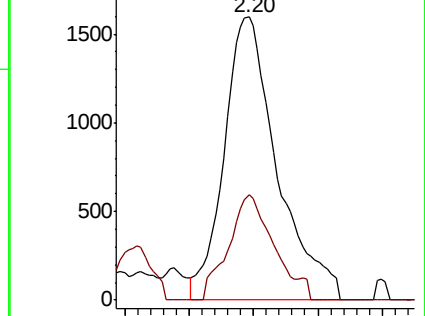
43 100

58 30.3 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.322 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV018142.D

Acq: 01 Sep 2020 13:03

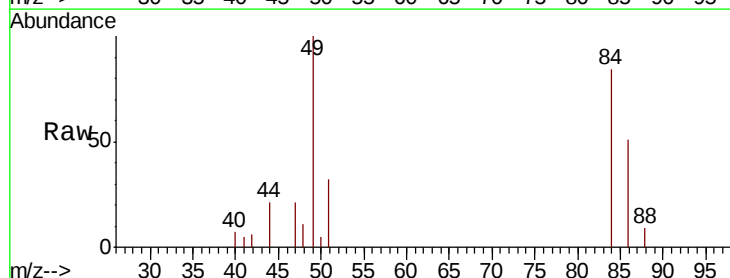
Tgt Ion: 84 Resp: 3064

Ion Ratio Lower Upper

84 100

86 59.9 46.3 85.9

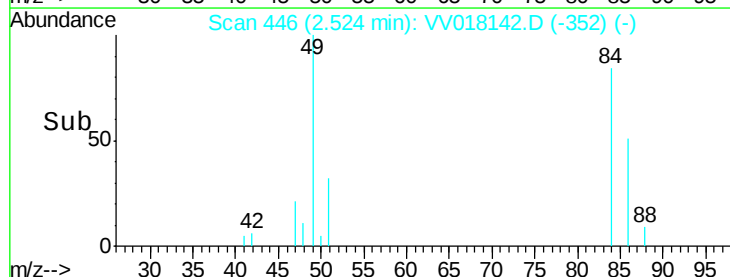
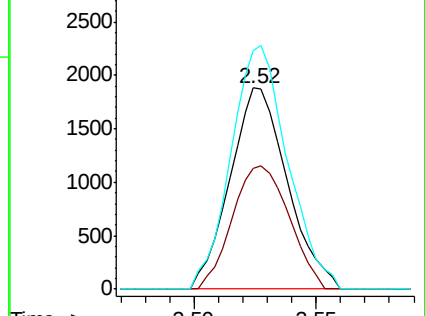
49 118.7 89.7 166.5

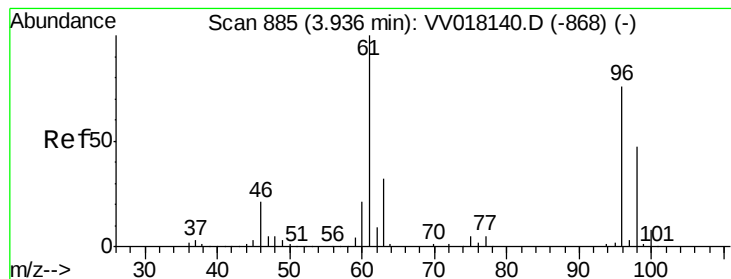


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 3.432 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018142.D

Acq: 01 Sep 2020 13:03

Instrument :

MSVOA_V

ClientSampleId :

BG3G0

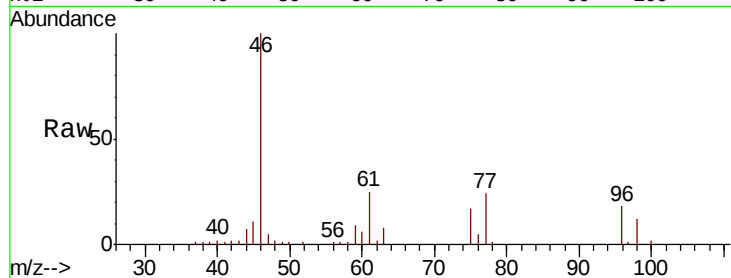
Tot Ion: 96 Resp: 7052

Ion Ratio Lower Upper

96 100

61 136.2 95.0 176.4

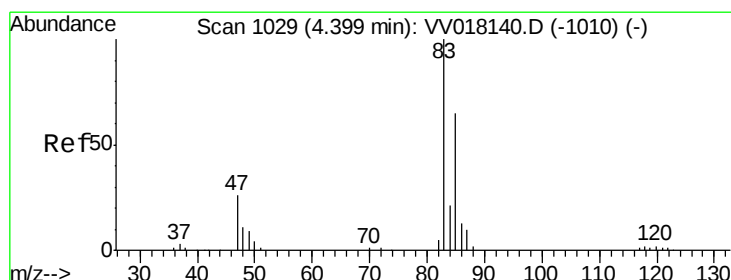
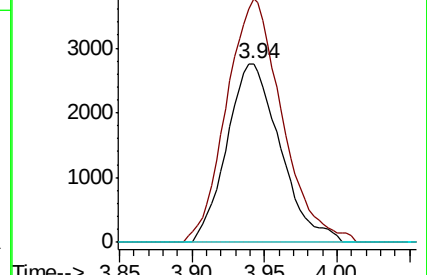
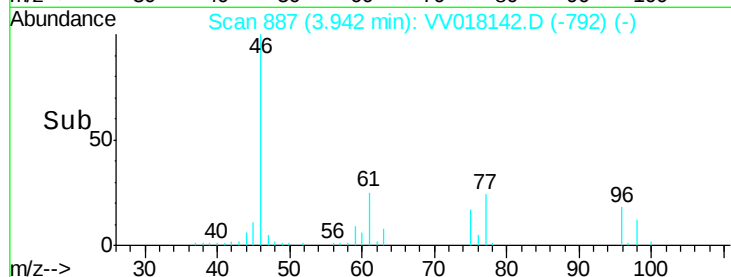
68 0.0 0.0 0.0



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: 2.100 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV018142.D

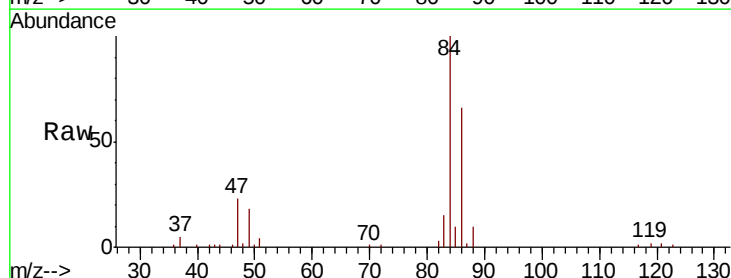
Acq: 01 Sep 2020 13:03

Tgt Ion: 83 Resp: 8053

Ion Ratio Lower Upper

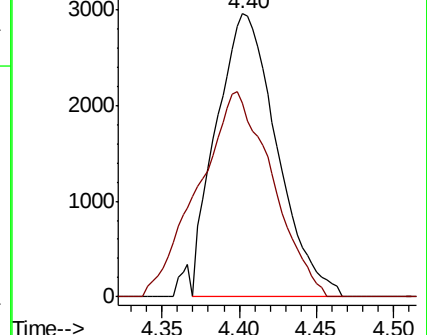
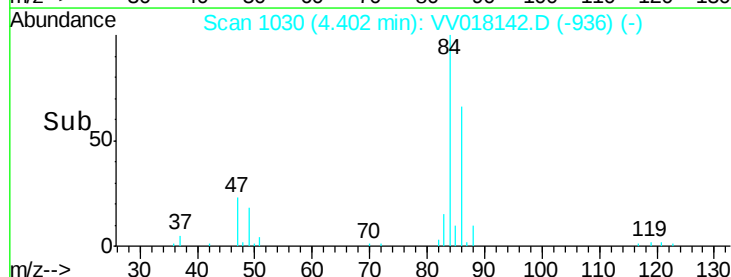
83 100

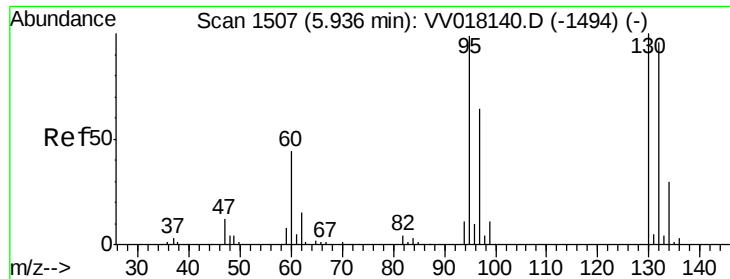
85 68.3 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.636 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018142.D

Acq: 01 Sep 2020 13:03

Instrument :

MSVOA_V

ClientSampleId :

BG3G0

Tot Ion: 95 Resp: 1403

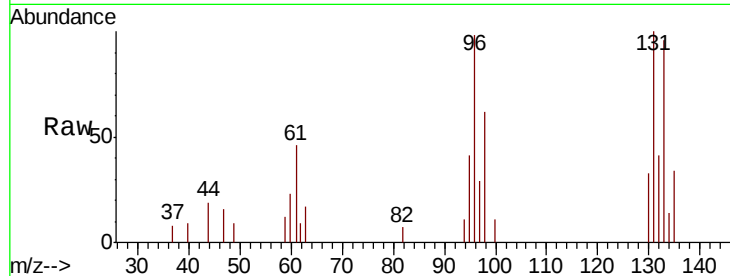
Ion Ratio Lower Upper

95 100

97 71.3 46.0 85.4

132 98.9 65.8 122.2

130 80.2 69.2 128.6

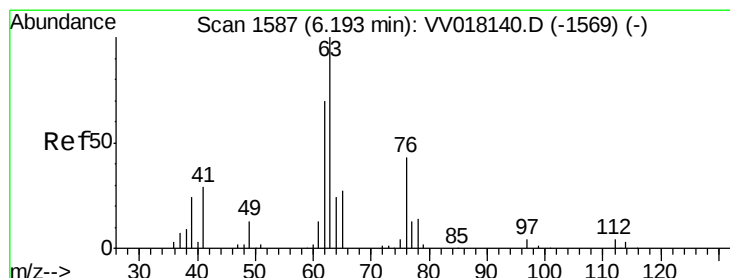
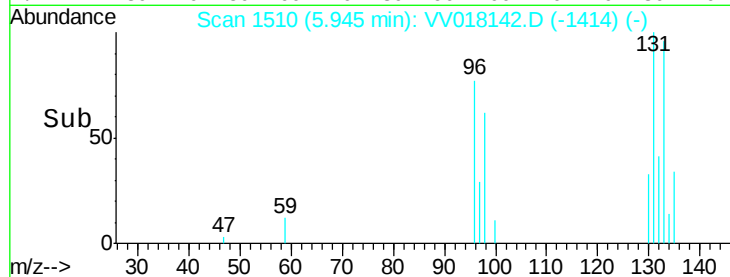
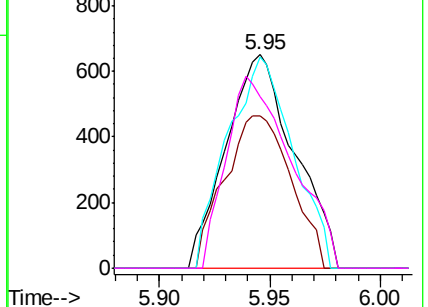


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.416 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018142.D

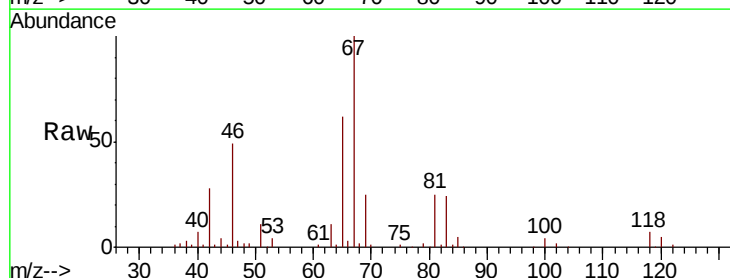
Acq: 01 Sep 2020 13:03

Tgt Ion: 63 Resp: 12328

Ion Ratio Lower Upper

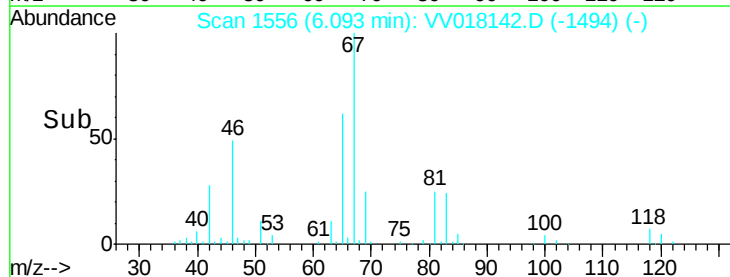
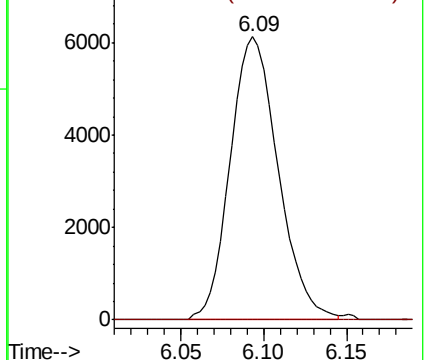
63 100

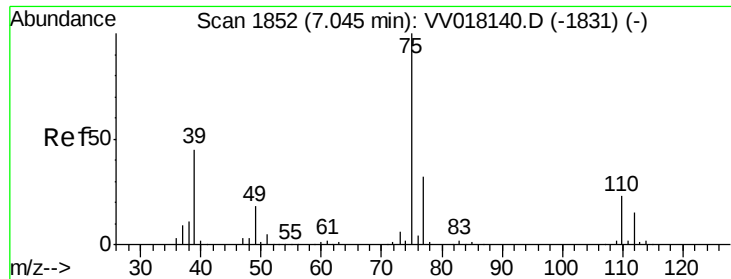
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

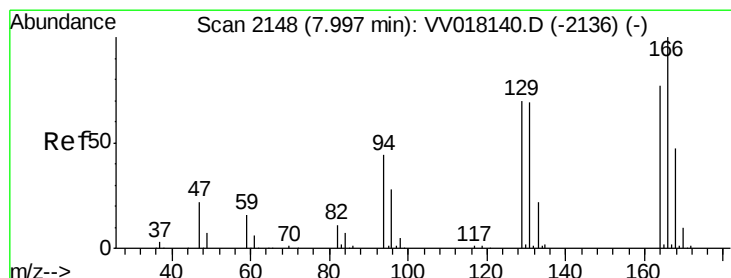
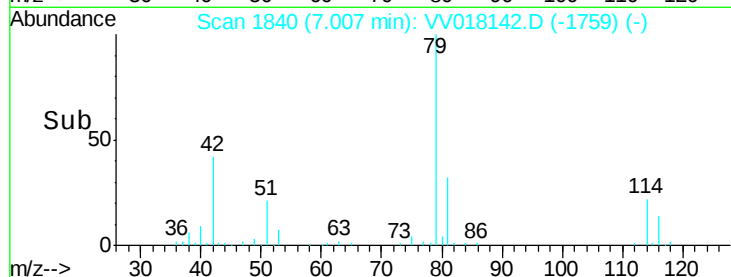
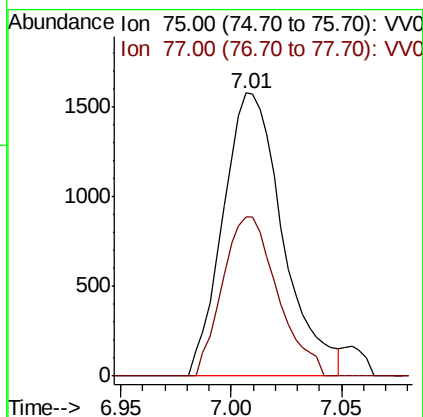
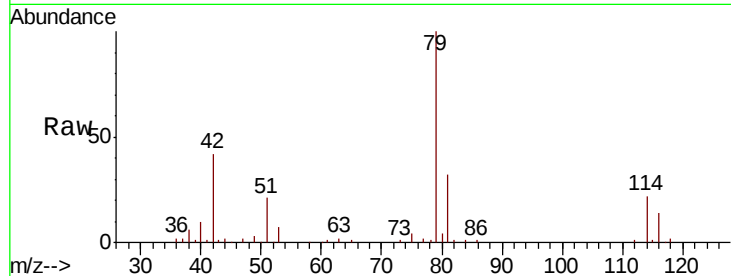




#39
 cis-1,3-Dichloropropene
 Concen: 0.922 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018142.D
 Acq: 01 Sep 2020 13:03

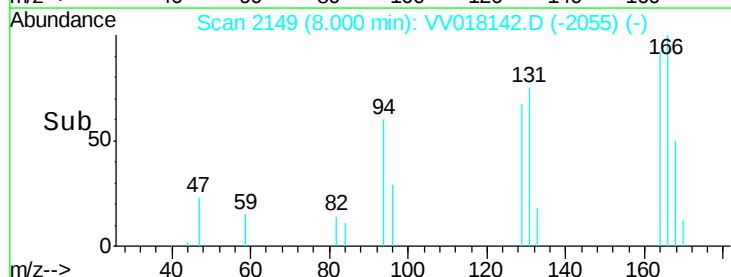
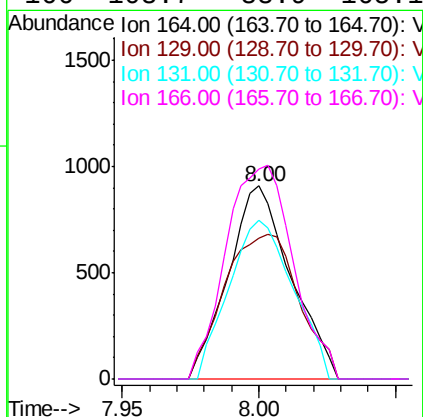
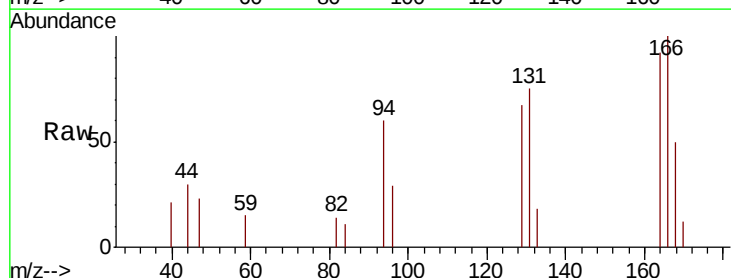
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G0

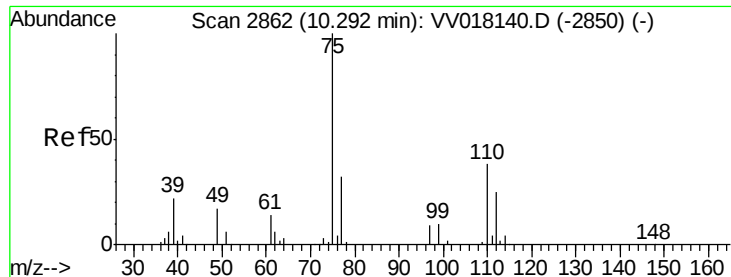
Tot Ion: 75 Resp: 2975
 Ion Ratio Lower Upper
 75 100
 77 56.1 22.3 41.5#



#46
 Tetrachloroethene
 Concen: 0.896 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV018142.D
 Acq: 01 Sep 2020 13:03

Tgt Ion: 164 Resp: 1450
 Ion Ratio Lower Upper
 164 100
 129 73.0 64.8 120.3
 131 82.0 64.5 119.9
 166 108.7 88.9 165.1





#59

1,2,3-Trichloropropane

Concen: 5.700 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018142.D

Acq: 01 Sep 2020 13:03

Instrument :

MSVOA_V

ClientSampleId :

BG3G0

Tot Ion: 75 Resp: 16022

Ion Ratio Lower Upper

75 100

77 34.7 25.7 38.5

