

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017264.D
 Acq On : 30 Jun 2020 16:46
 Operator : SY/MD
 Sample : L3168-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 01 06:04:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:00:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161073	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	154032	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44593	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	38488	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.13	63	68122	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.93	46	120697	48.99	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	4.38	84	105311	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.06	65	56899	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.08	84	193620	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.09	67	56586	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.34	98	168084	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
45) trans-1,3-Dichloropropene-	7.64	79	22718	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	8.11	63	78201	41.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38846	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	69493	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

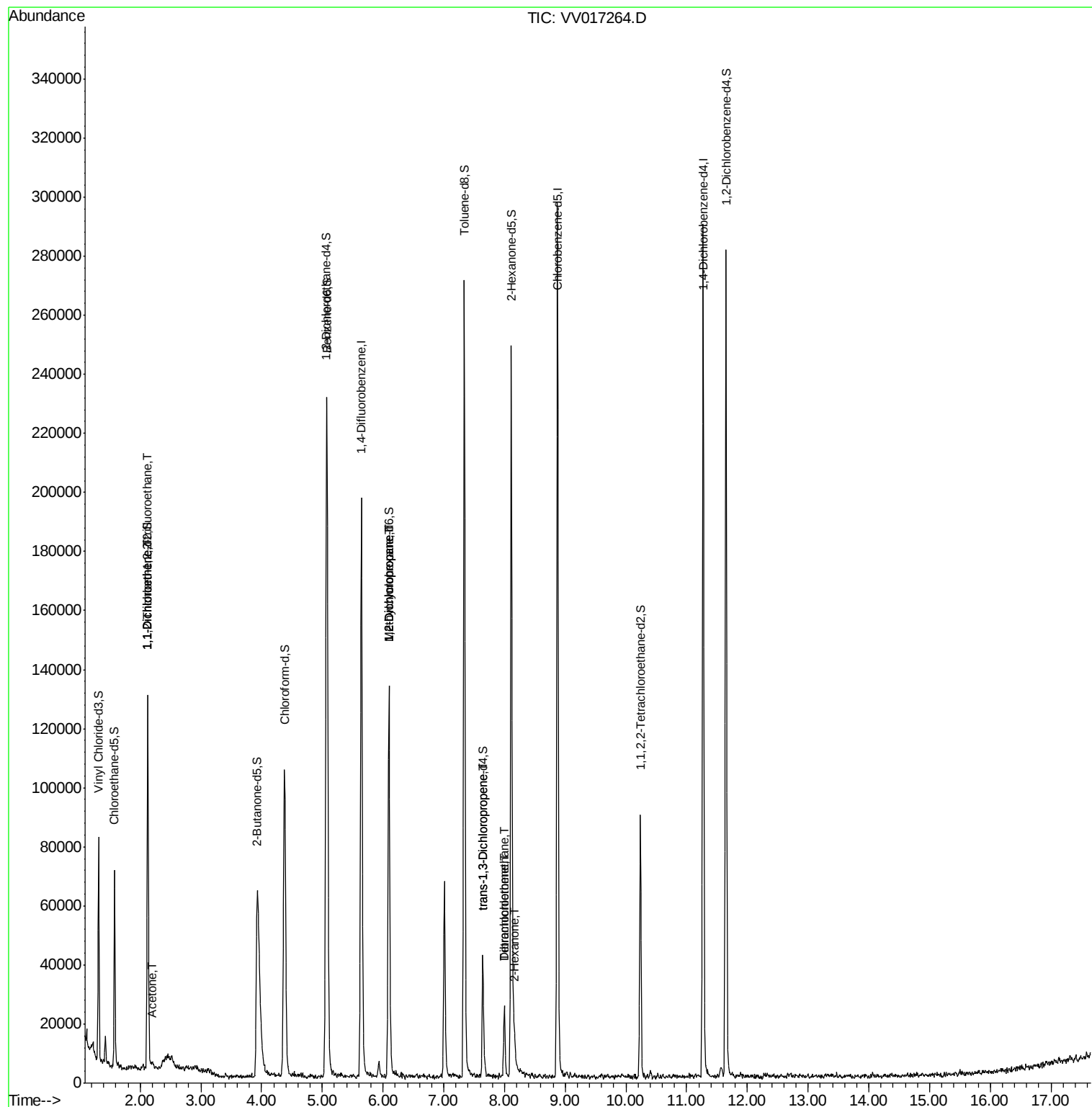
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	846	0.099 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	766	0.099 ug/L #	1
13) Acetone	2.21	43	2603	2.090 ug/L	64
35) Methylcyclohexane	6.09	83	14795	0.806 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7875	0.789 ug/L #	86
46) trans-1,3-Dichloropropene	7.65	75	1298	0.101 ug/L #	73
49) Tetrachloroethene	8.00	164	5679	0.597 ug/L	97
50) 2-Hexanone	8.17	43	5564	1.356 ug/L #	86
51) Dibromochloromethane	8.00	129	5091	0.593 ug/L #	11

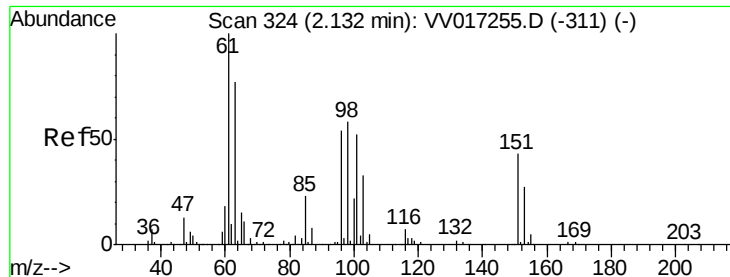
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV063020\
Data File : VV017264.D
Acq On : 30 Jun 2020 16:46
Operator : SY/MD
Sample : L3168-02
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 01 06:04:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 06:00:36 2020
Response via : Initial Calibration





#10

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

Concen: 0.099 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017264.D

Acq: 30 Jun 2020 16:46

Instrument :

MSVOA_V

ClientSampled :

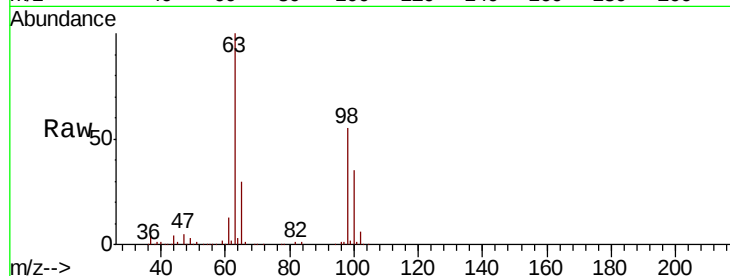
Tot Ion:101 Resp: 846

Ion Ratio Lower Upper

101 100

85 4.6 35.4 53.2#

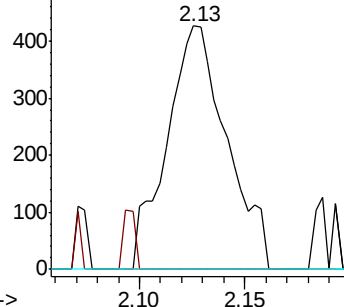
151 0.0 63.9 95.9#



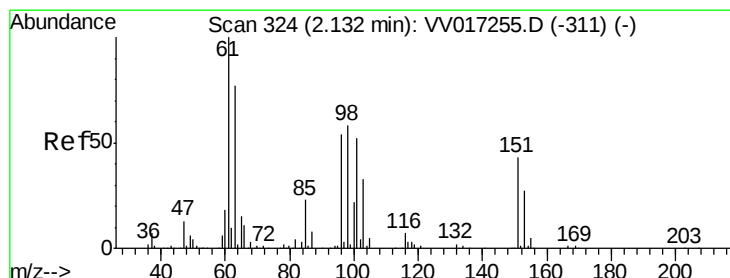
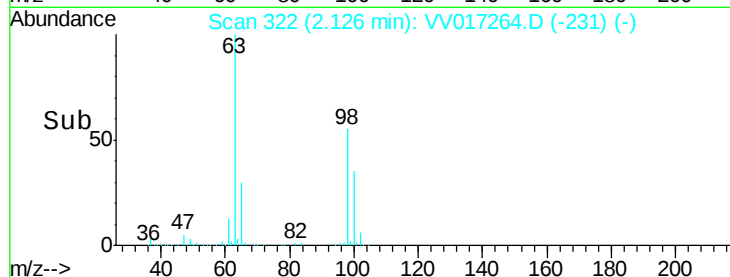
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017264.D

Acq: 30 Jun 2020 16:46

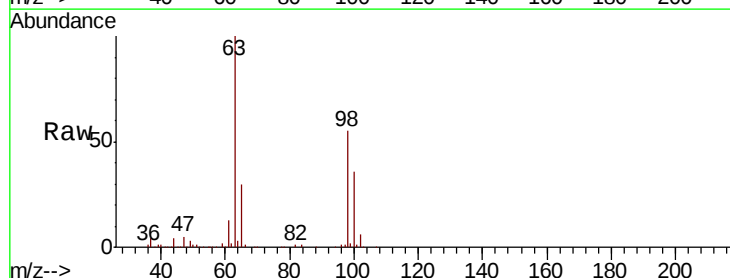
Tgt Ion: 96 Resp: 766

Ion Ratio Lower Upper

96 100

61 1024.1 125.0 232.2#

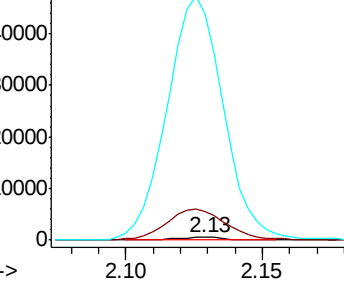
63 8029.2 109.8 203.8#



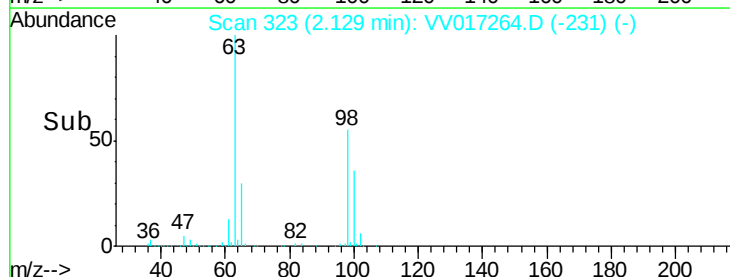
Abundance Ion 96.00 (95.70 to 96.70): VV0

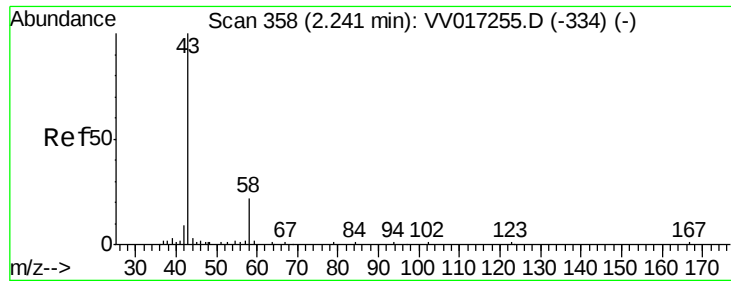
Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->

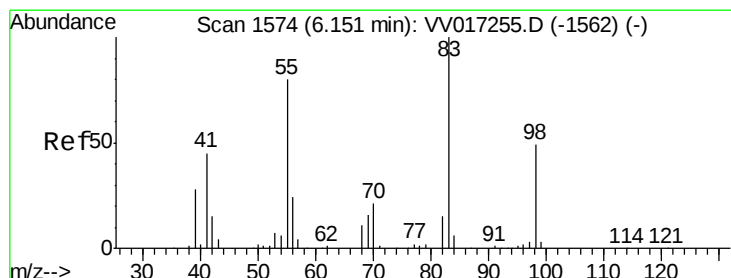
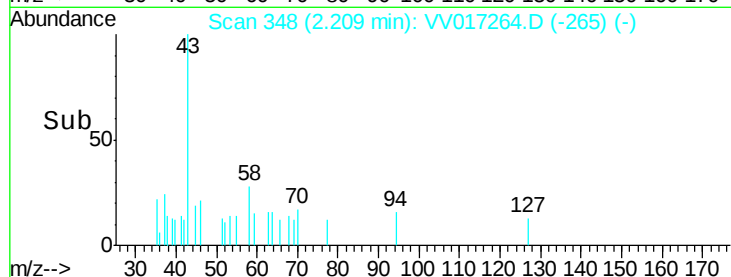
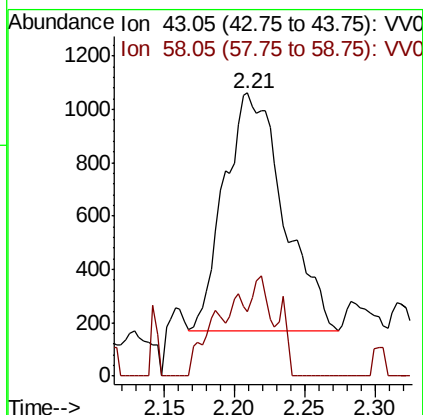
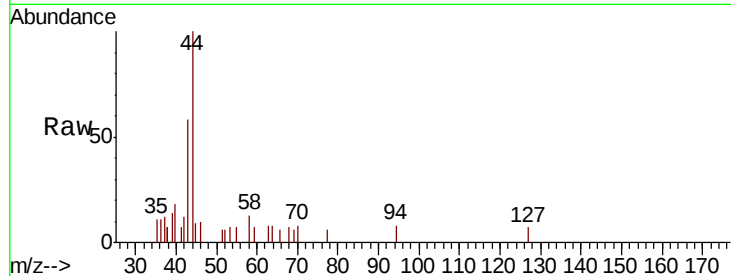




#13
Acetone
Concen: 2.090 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.03 min
Lab File: VV017264.D
Acq: 30 Jun 2020 16:46

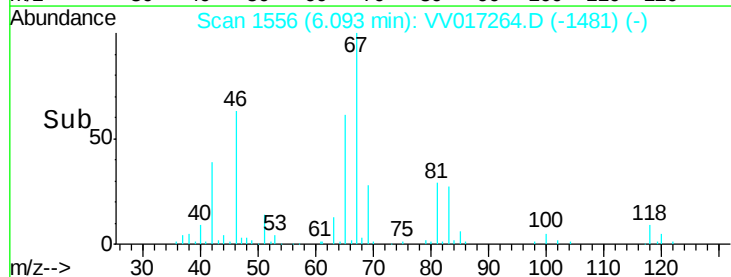
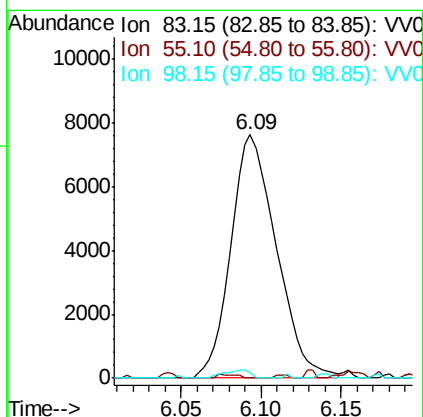
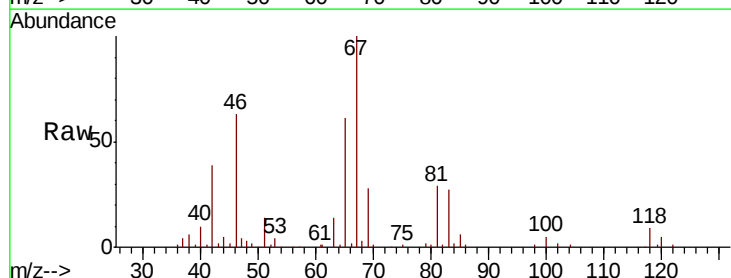
Instrument :
MSVOA_V
ClientSampled :

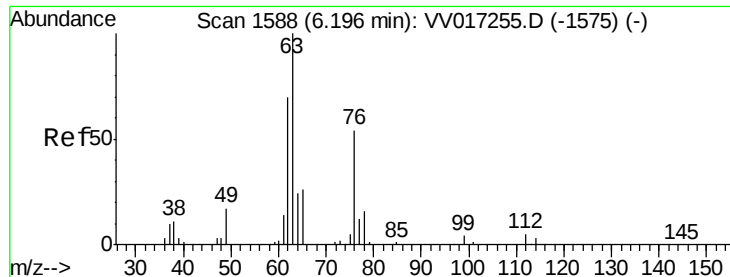
Tot Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
58 9.8 0.0 58.4



#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017264.D
Acq: 30 Jun 2020 16:46

Tgt Ion: 83 Resp: 14795
Ion Ratio Lower Upper
83 100
55 0.7 63.6 95.4#
98 1.9 38.8 58.2#

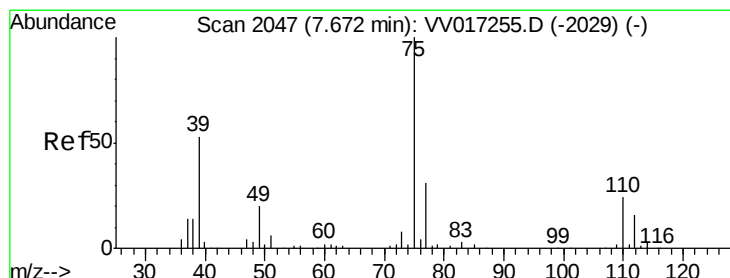
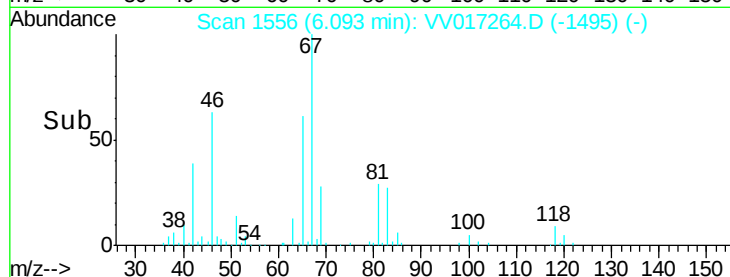
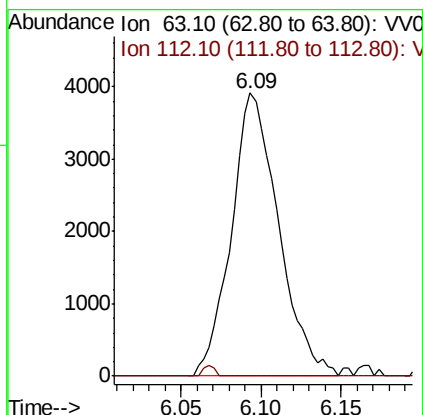
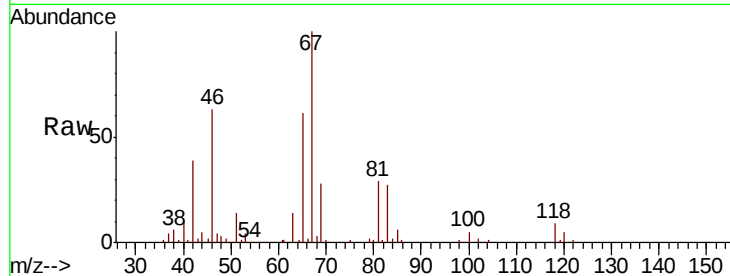




#37
 1,2-Dichloropropane
 Concen: 0.789 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017264.D
 Acq: 30 Jun 2020 16:46

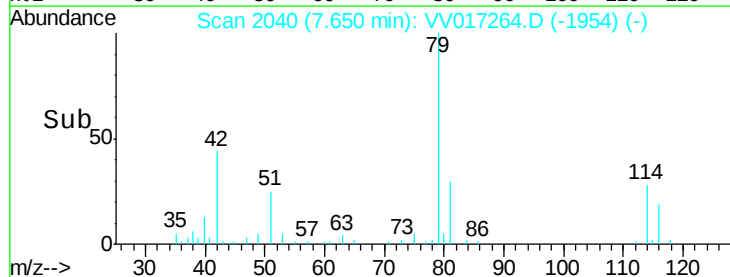
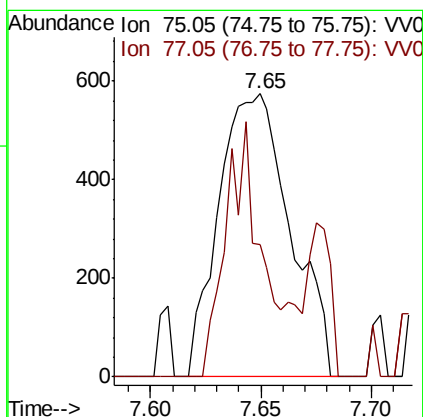
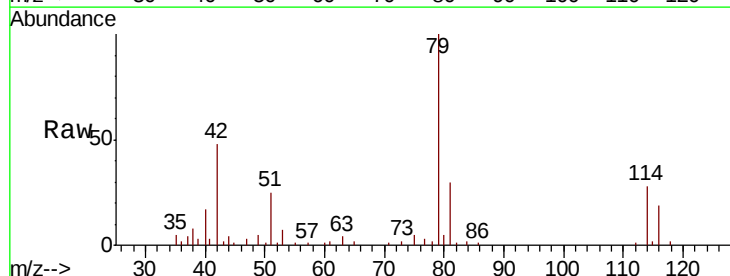
Instrument :
 MSVOA_V
 ClientSampleId :

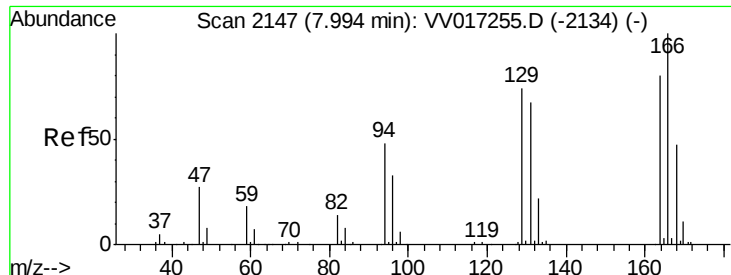
Tot Ion: 63 Resp: 7875
 Ion Ratio Lower Upper
 63 100
 112 0.9 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV017264.D
 Acq: 30 Jun 2020 16:46

Tgt Ion: 75 Resp: 1298
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.3 41.3#





#49

Tetrachloroethene

Concen: 0.597 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017264.D

Acq: 30 Jun 2020 16:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 5679

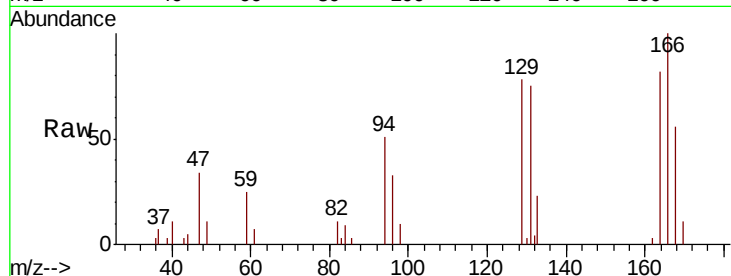
Ion Ratio Lower Upper

164 100

129 96.2 65.2 121.0

131 91.5 64.1 119.1

166 122.6 90.2 167.4

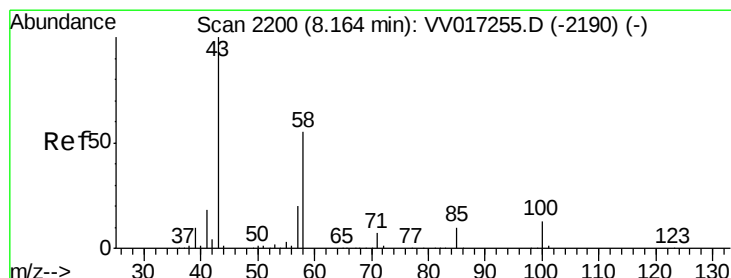
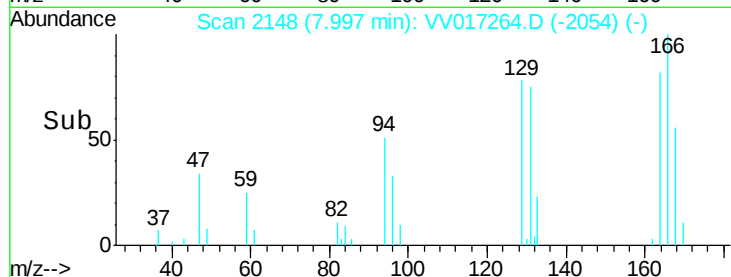
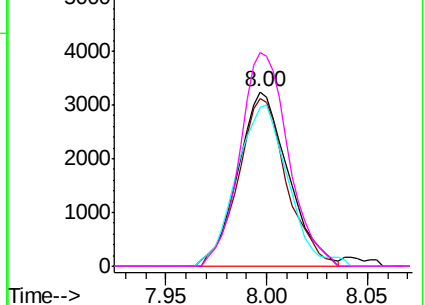


Abundance Ion 163.90 (163.60 to 164.60): V

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



#50

2-Hexanone

Concen: 1.356 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017264.D

Acq: 30 Jun 2020 16:46

Tgt Ion: 43 Resp: 5564

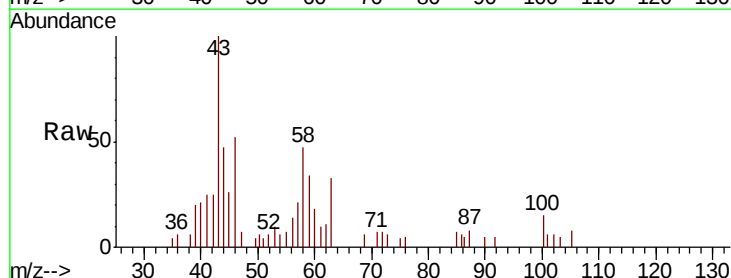
Ion Ratio Lower Upper

43 100

58 60.2 41.6 62.4

57 5.2 15.4 23.0#

100 12.9 10.1 15.1

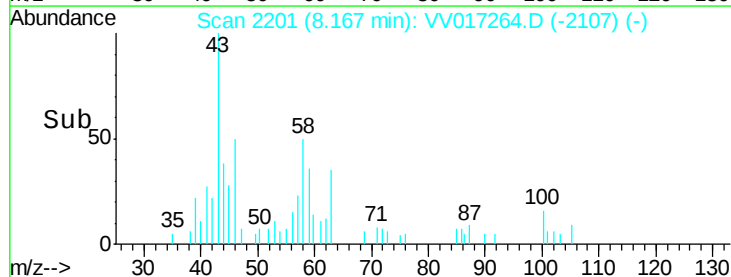
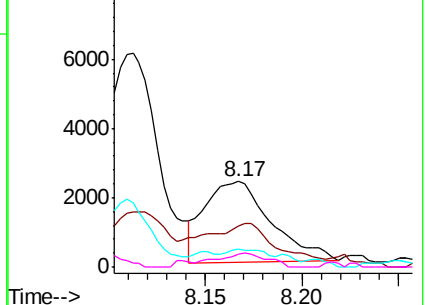


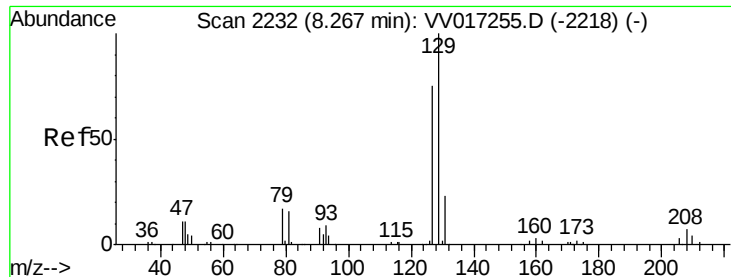
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#51

Dibromochloromethane

Concen: 0.593 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017264.D

Acq: 30 Jun 2020 16:46

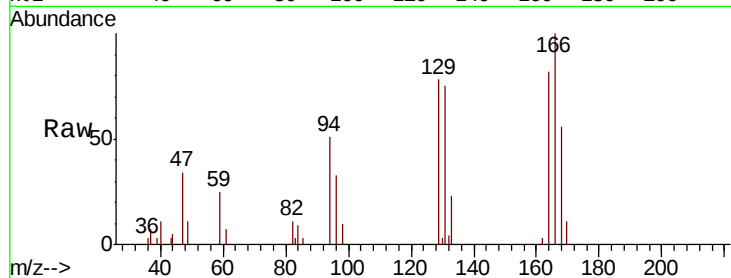
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 5091

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

