

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051520\
 Data File : VV016085.D
 Acq On : 15 May 2020 13:34
 Operator : SY/MD
 Sample : L2661-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 16 01:45:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140187	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	141969	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65131	5.00	ug/L	0.00

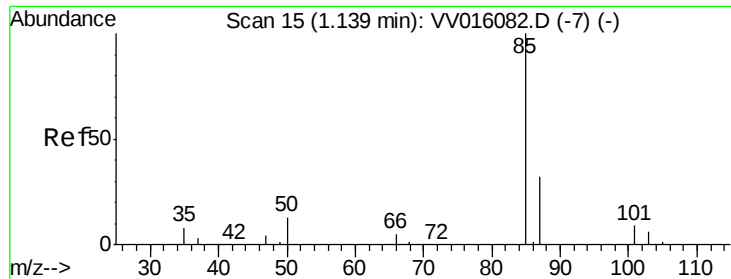
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38144	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	40306	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.12	63	61173	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.95	46	128552	59.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.52%
24) Chloroform-d	4.38	84	88587	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.06	65	51582	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.08	84	172361	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.10	67	54928	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.34	98	149490	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
45) trans-1,3-Dichloropropene-	7.65	79	18099	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
48) 2-Hexanone-d5	8.12	63	99128	55.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40951	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	56995	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	2790	0.260	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	580	0.072	ug/L #	25
12) 1,1-Dichloroethene	2.12	96	612	0.079	ug/L #	1
13) Acetone	2.23	43	1747	1.221	ug/L	98
25) Chloroform	4.40	83	7061	0.390	ug/L	92
27) 1,2-Dichloroethane	5.08	62	1122	0.101	ug/L #	76
35) Methylcyclohexane	6.10	83	13735	0.891	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6751	0.744	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1626	0.127	ug/L #	76
46) trans-1,3-Dichloropropene	7.65	75	1003	0.093	ug/L	97
49) Tetrachloroethene	8.00	164	9719	1.366	ug/L	95
50) 2-Hexanone	8.12	43	15536	3.884	ug/L #	77
51) Dibromochloromethane	8.00	129	9465	1.390	ug/L #	9

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



#2

Dichlorodifluoromethane

Concen: 0.260 ug/L

RT: 1.14 min Scan# 17

Delta R.T. 0.01 min

Lab File: VV016085.D

Acq: 15 May 2020 13:34

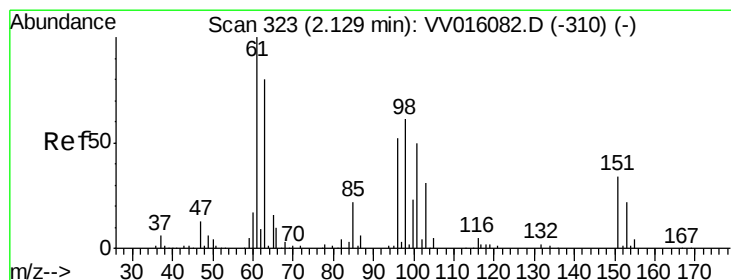
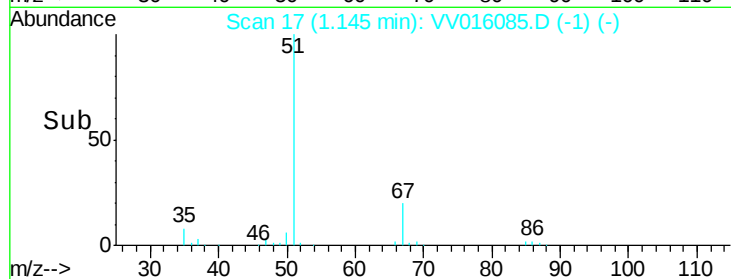
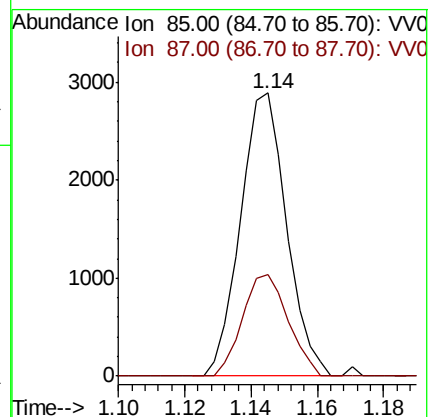
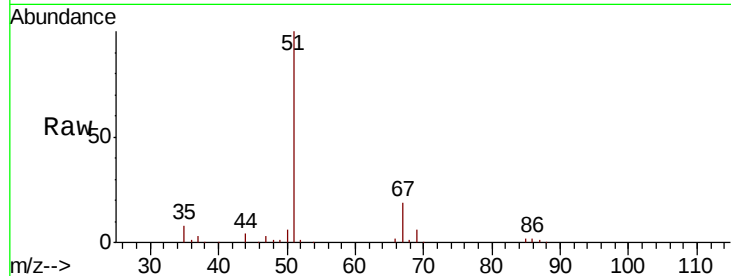
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 2790

Ion Ratio Lower Upper

85 100

87 35.5 26.4 39.6



#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016085.D

Acq: 15 May 2020 13:34

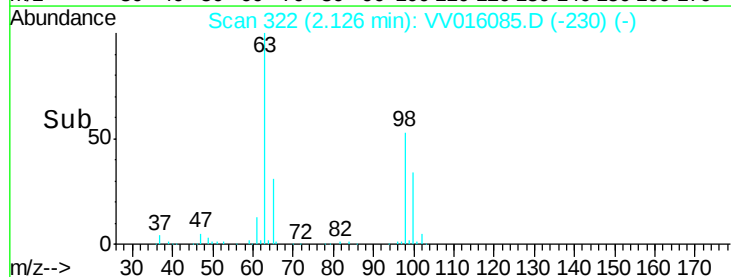
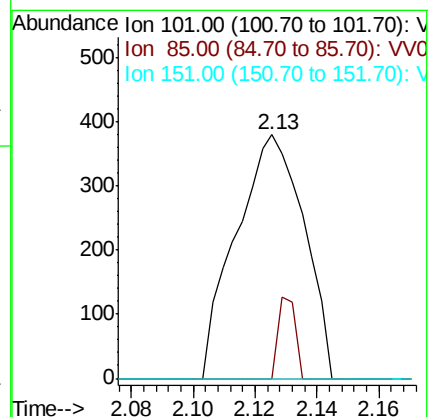
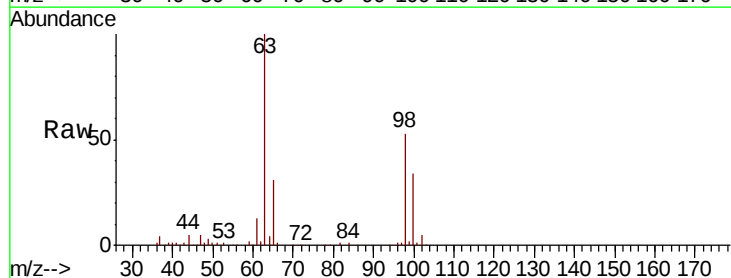
Tgt Ion:101 Resp: 580

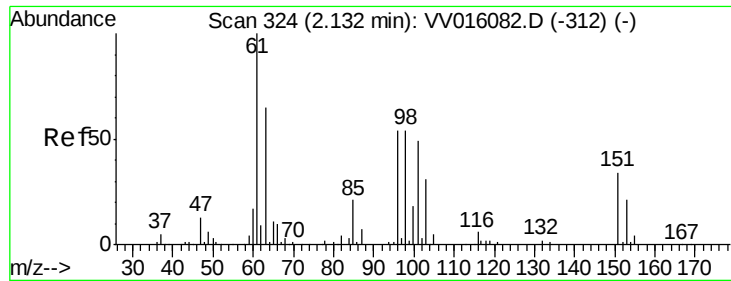
Ion Ratio Lower Upper

101 100

85 8.1 35.7 53.5#

151 0.0 58.0 87.0#





#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016085.D

Acq: 15 May 2020 13:34

Instrument :
MSVOA_V
ClientSampled :

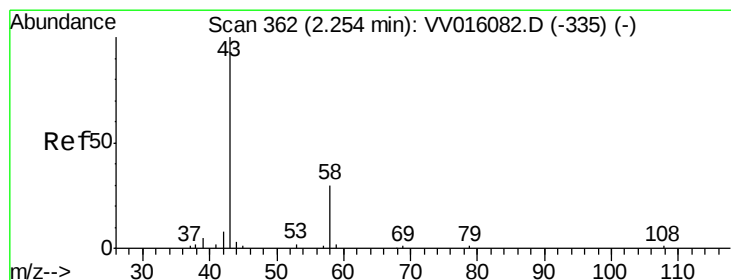
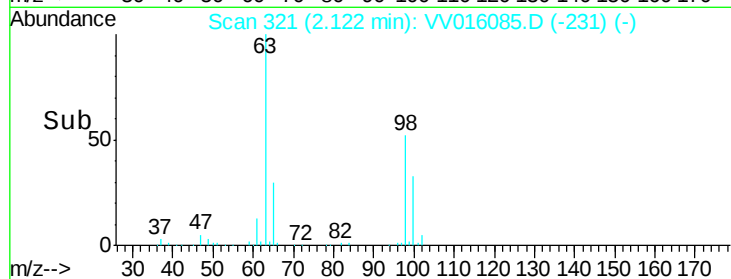
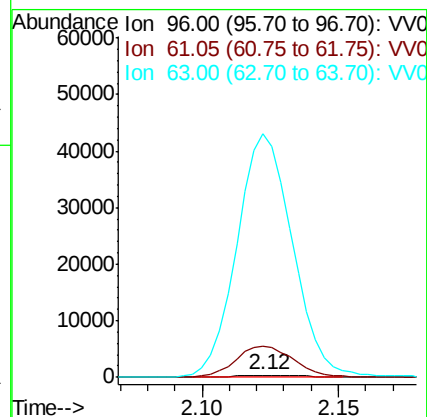
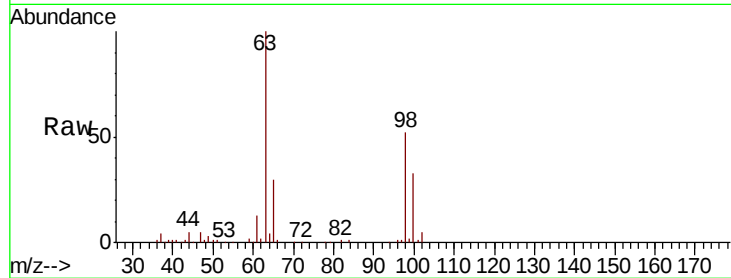
Tot Ion: 96 Resp: 612

Ion Ratio Lower Upper

96 100

61 1562.9 139.9 259.7#

63 12094.4 106.4 197.6#



#13

Acetone

Concen: 1.221 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.02 min

Lab File: VV016085.D

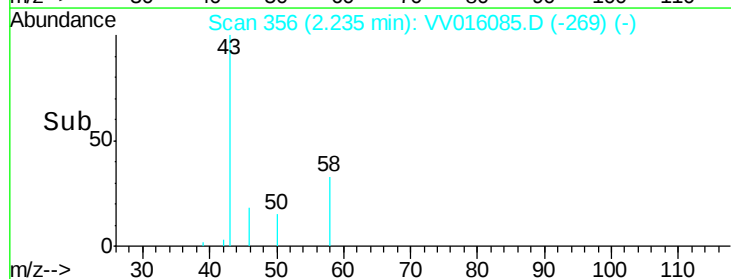
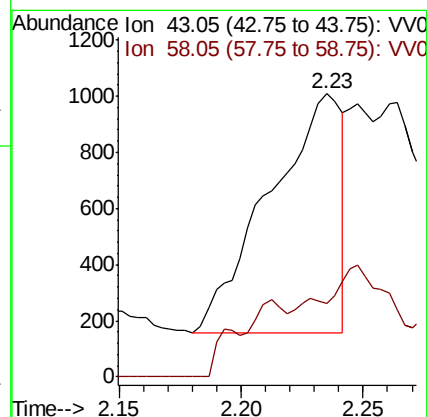
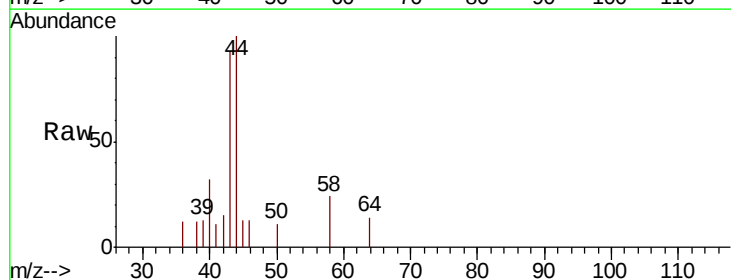
Acq: 15 May 2020 13:34

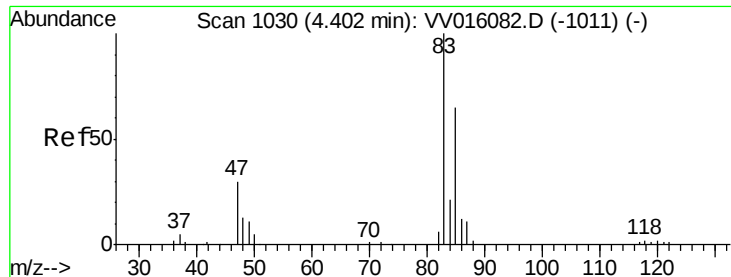
Tgt Ion: 43 Resp: 1747

Ion Ratio Lower Upper

43 100

58 14.5 0.0 30.8

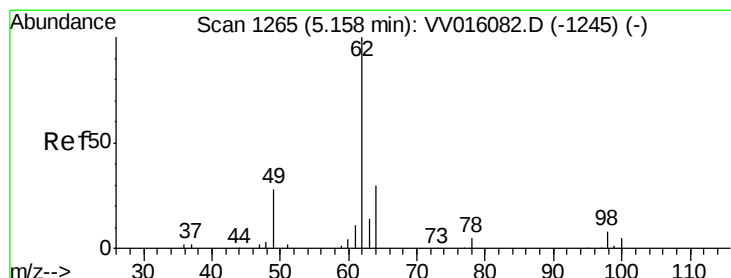
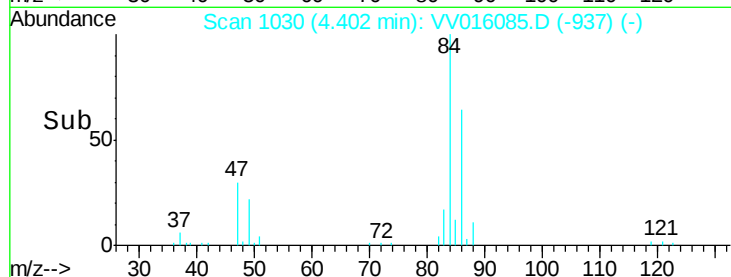
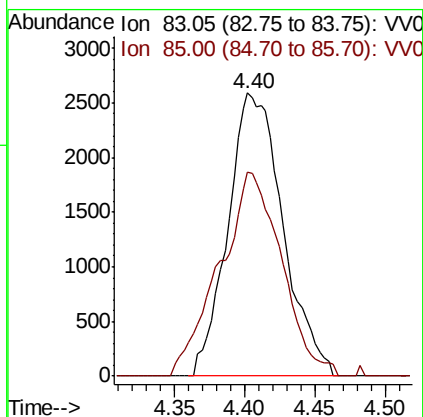
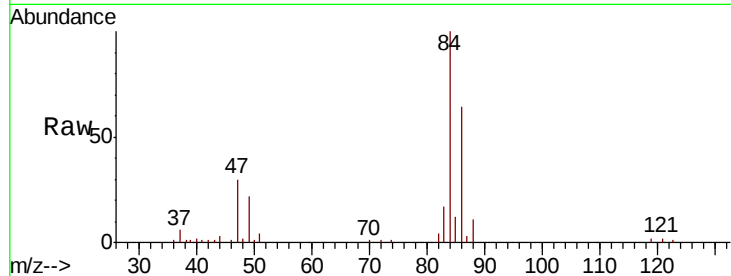




#25
Chloroform
Concen: 0.390 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016085.D
Acq: 15 May 2020 13:34

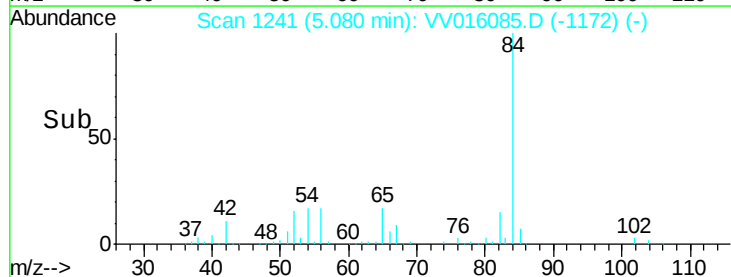
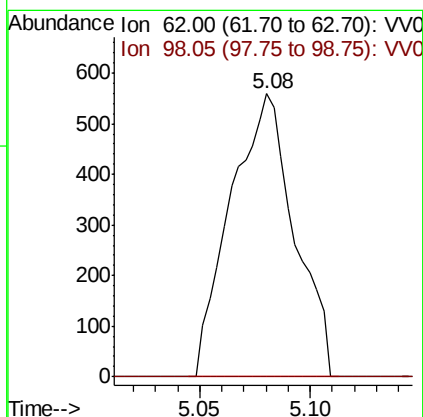
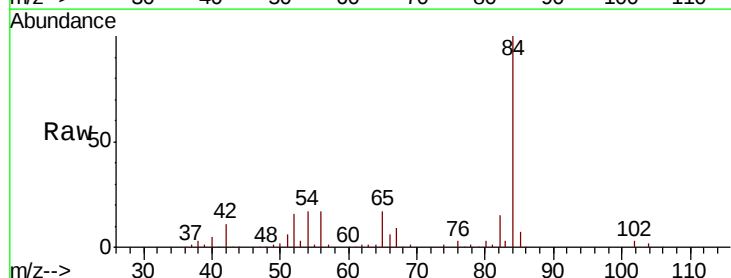
Instrument :
MSVOA_V
ClientSampled :

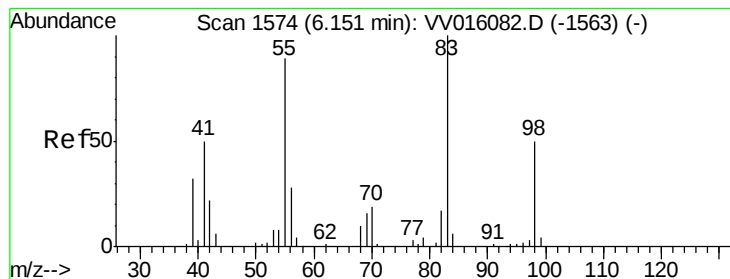
Tot Ion: 83 Resp: 7061
Ion Ratio Lower Upper
83 100
85 71.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.08 min
Lab File: VV016085.D
Acq: 15 May 2020 13:34

Tgt Ion: 62 Resp: 1122
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#





#35

Methvlcvclohexane

Concen: 0.891 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016085.D

Acq: 15 May 2020 13:34

Instrument :

MSVOA_V

ClientSampleId :

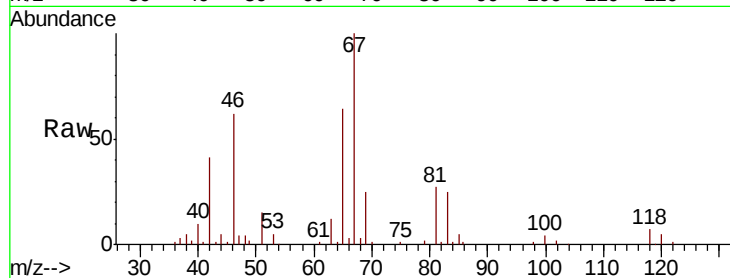
Tot Ion: 83 Resp: 13735

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.2#

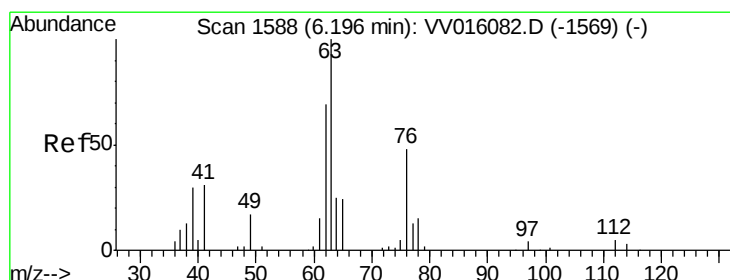
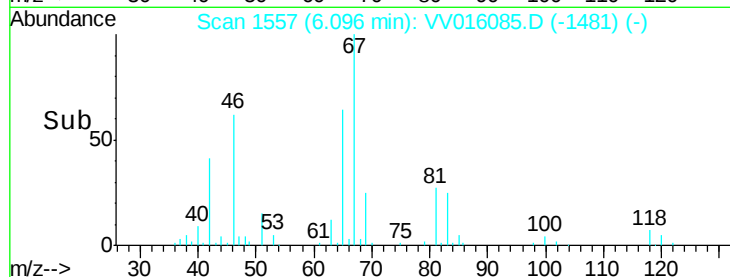
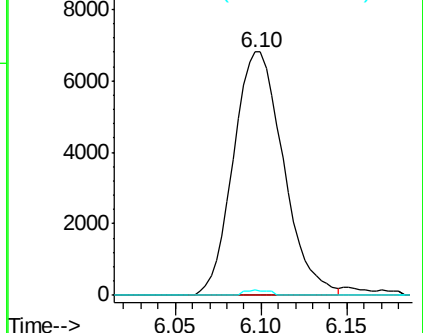
98 1.0 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.744 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016085.D

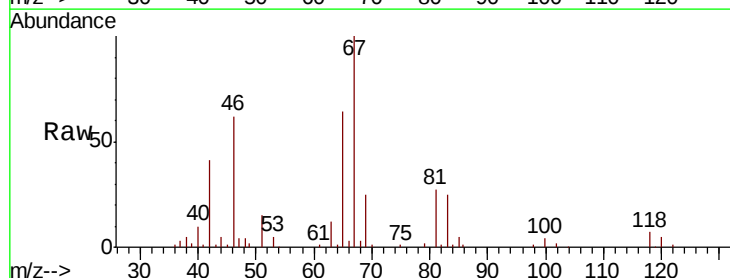
Acq: 15 May 2020 13:34

Tgt Ion: 63 Resp: 6751

Ion Ratio Lower Upper

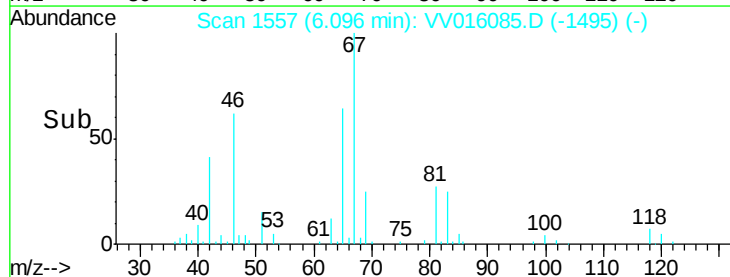
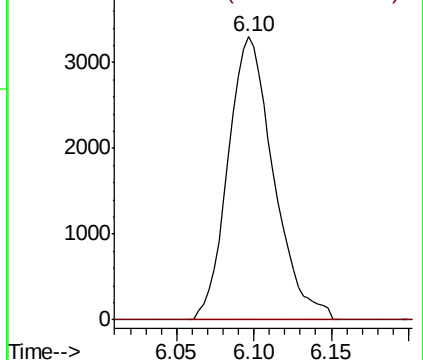
63 100

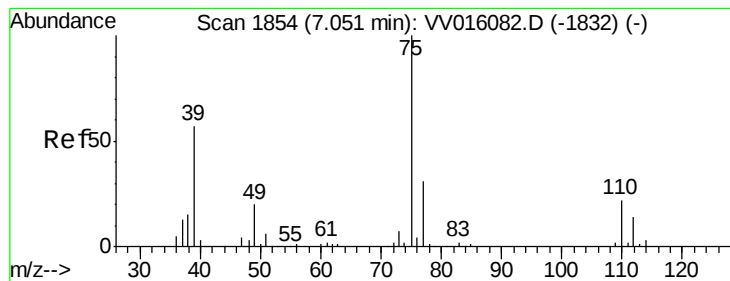
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



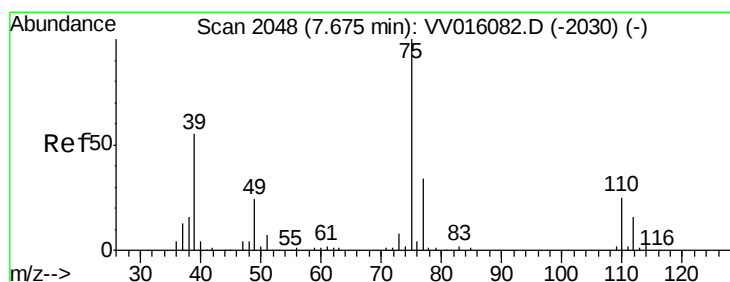
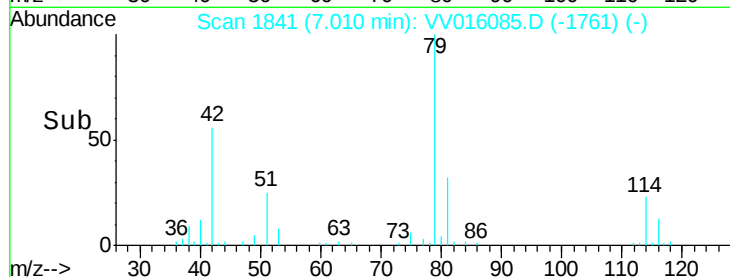
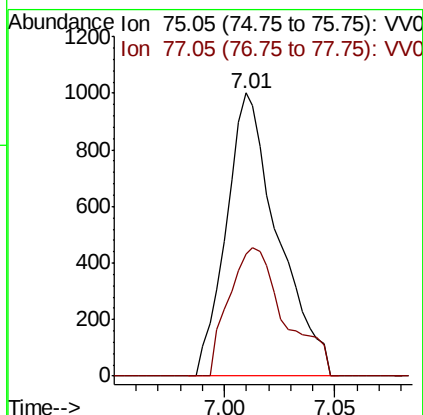
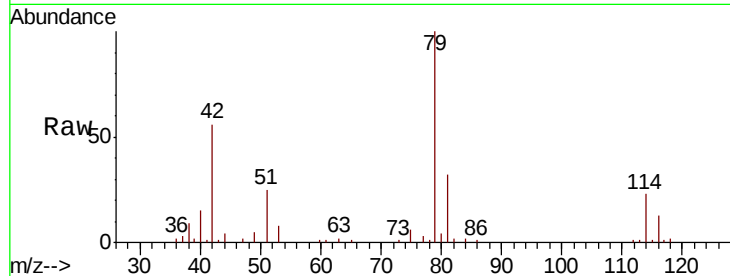


#39

cis-1,3-Dichloropropene
Concen: 0.127 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016085.D
Acq: 15 May 2020 13:34

Instrument :
MSVOA_V
ClientSampled :

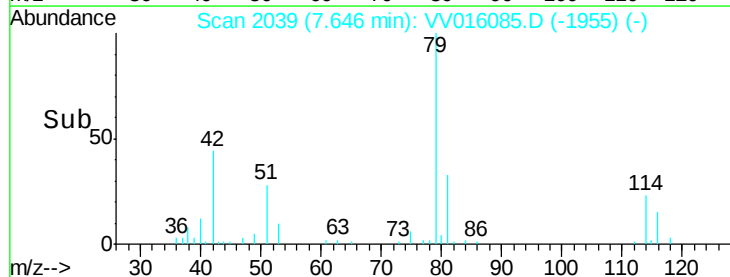
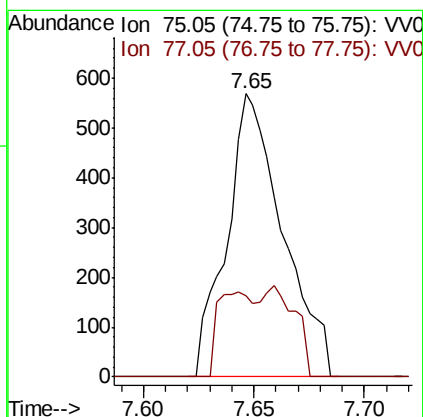
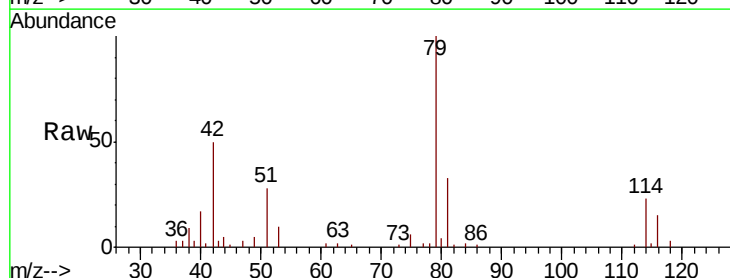
Tot Ion: 75 Resp: 1626
Ion Ratio Lower Upper
75 100
77 43.3 21.3 39.5#

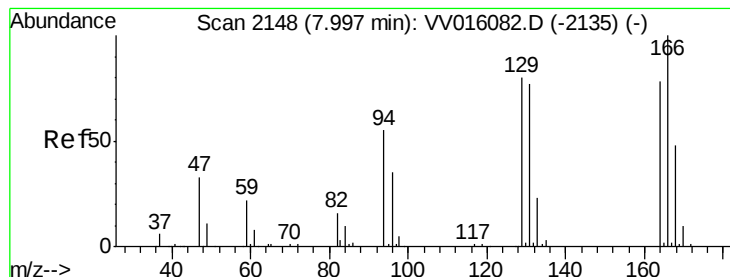


#46

trans-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016085.D
Acq: 15 May 2020 13:34

Tgt Ion: 75 Resp: 1003
Ion Ratio Lower Upper
75 100
77 28.7 21.3 39.6





#49

Tetrachloroethene

Concen: 1.366 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016085.D

Acq: 15 May 2020 13:34

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 9719

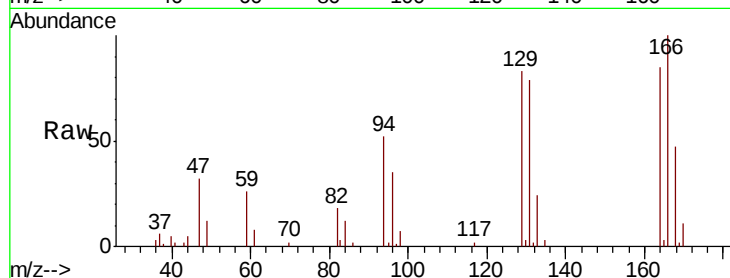
Ion Ratio Lower Upper

164 100

129 97.7 69.7 129.4

131 92.3 66.8 124.2

166 117.3 89.1 165.5

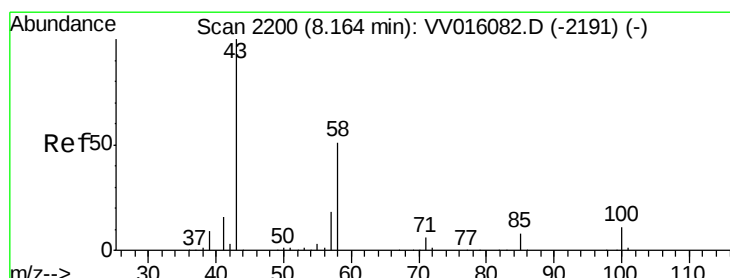
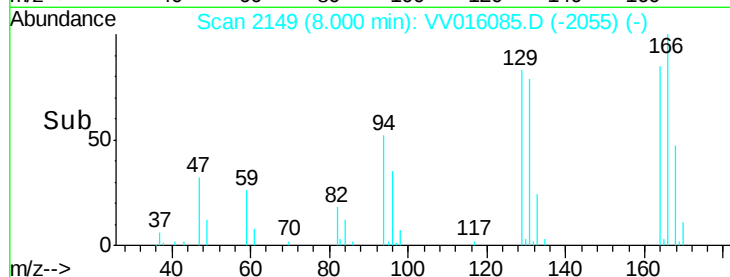
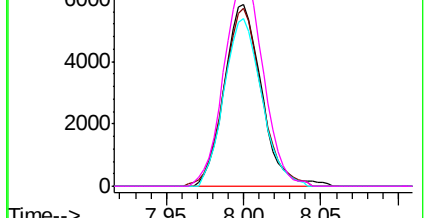


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.884 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV016085.D

Acq: 15 May 2020 13:34

Tgt Ion: 43 Resp: 15536

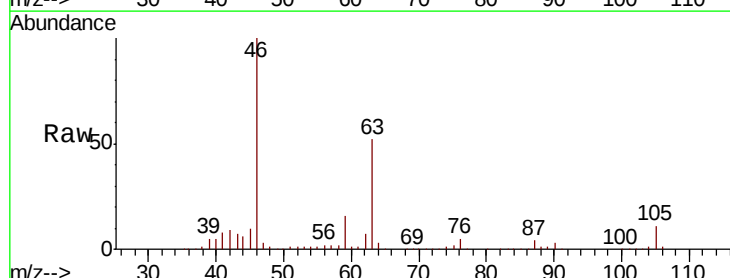
Ion Ratio Lower Upper

43 100

58 33.5 40.8 61.2#

57 25.6 14.7 22.1#

100 1.2 9.0 13.6#

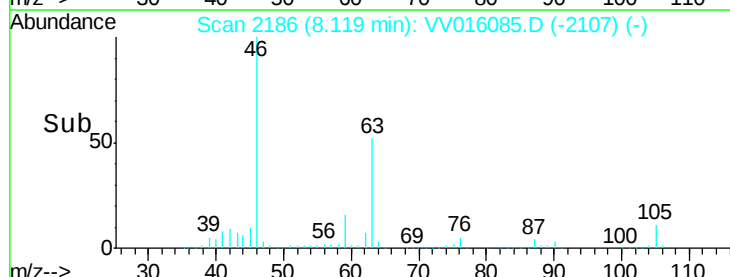
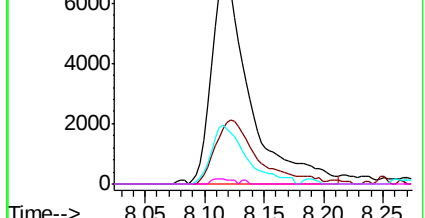


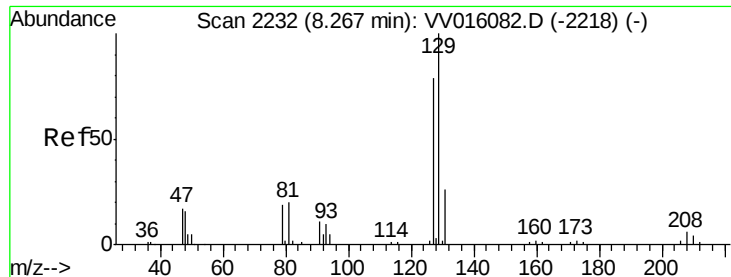
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 1.390 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV016085.D

Acq: 15 May 2020 13:34

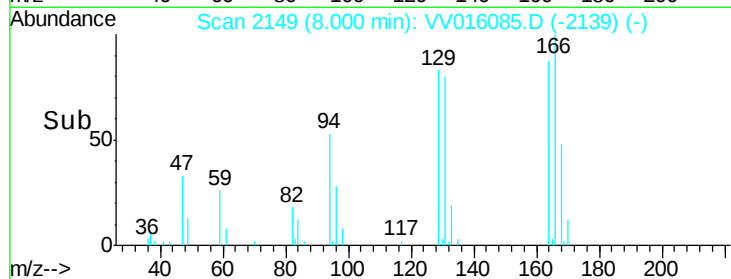
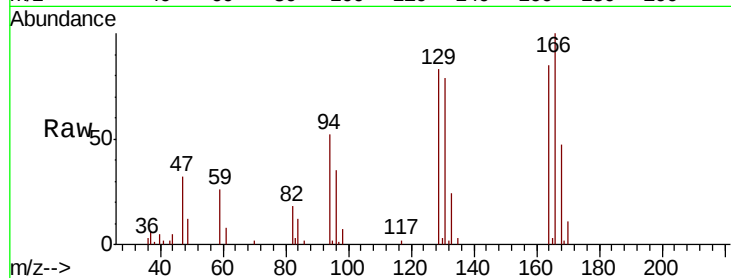
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 9465

Ion Ratio Lower Upper

129 100

127 0.0 56.0 104.0#



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

