

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016074.D
 Acq On : 14 May 2020 18:08
 Operator : SY/MD
 Sample : L2661-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 06:31:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	139308	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140196	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63173	5.00	ug/L	0.00

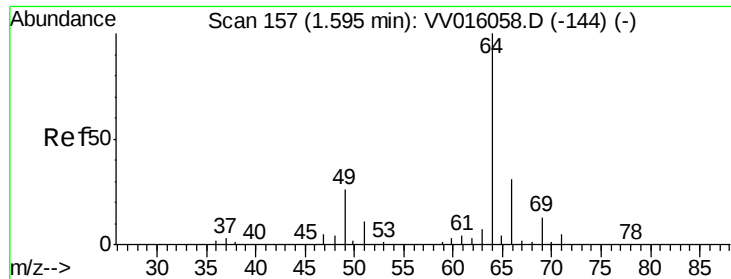
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42158	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.58	69	42133	5.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.60%
11) 1,1-Dichloroethene-d2	2.13	63	64796	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	3.94	46	128418	59.57	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.14%
24) Chloroform-d	4.38	84	88574	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.06	65	52634	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.08	84	173077	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.10	67	55744	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.34	98	153021	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	7.65	79	17832	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
48) 2-Hexanone-d5	8.12	63	92980	52.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.92%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40049	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	57813	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	1239	0.168	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	917	0.115	ug/L #	29
12) 1,1-Dichloroethene	2.13	96	906	0.118	ug/L #	1
13) Acetone	2.21	43	1853	1.303	ug/L	68
25) Chloroform	4.41	83	7128	0.397	ug/L	100
35) Methylcyclohexane	6.10	83	13250	0.870	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6597	0.736	ug/L #	87
46) trans-1,3-Dichloropropene	7.65	75	929	0.087	ug/L	99
49) Tetrachloroethene	8.00	164	5198	0.740	ug/L	97
50) 2-Hexanone	8.12	43	15847	4.012	ug/L #	76
51) Dibromochloromethane	8.00	129	5139	0.764	ug/L #	9

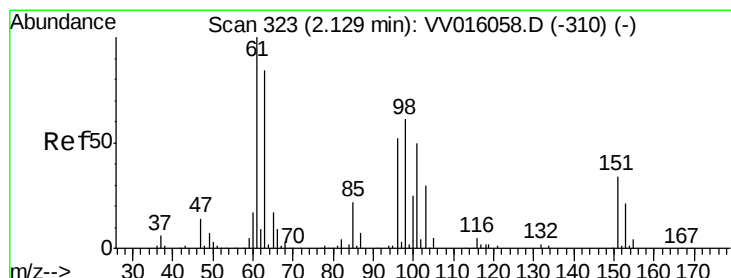
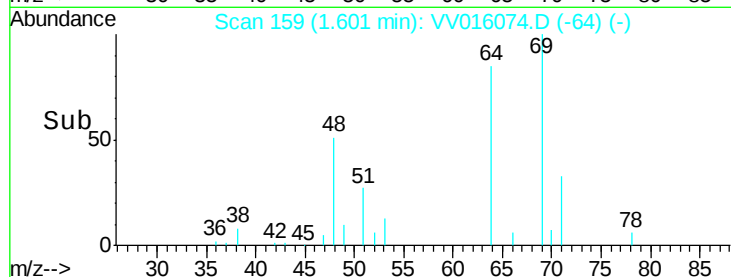
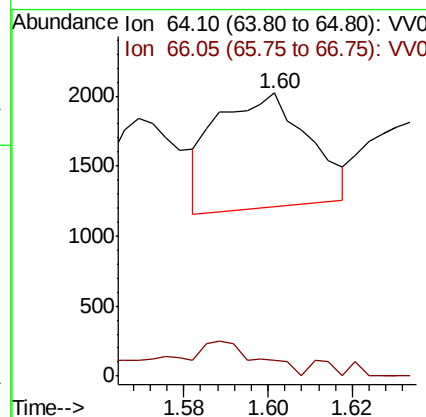
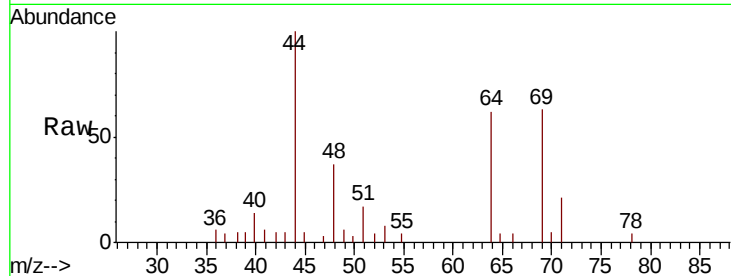
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 0.168 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.01 min
Lab File: VV016074.D
Acq: 14 May 2020 18:08

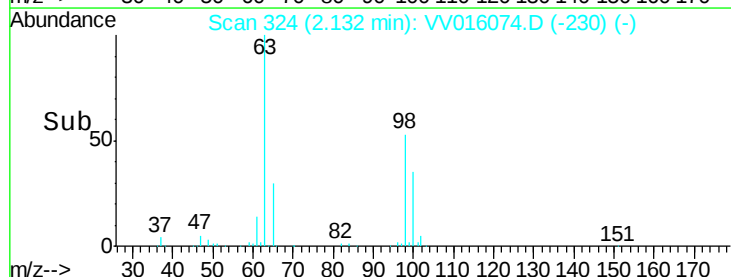
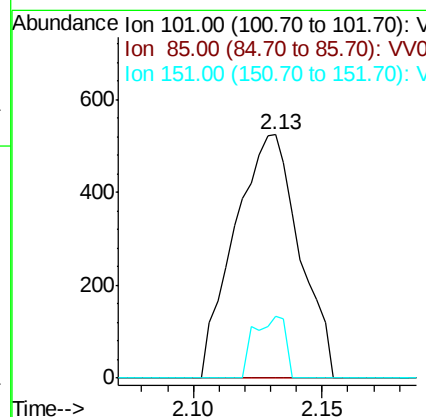
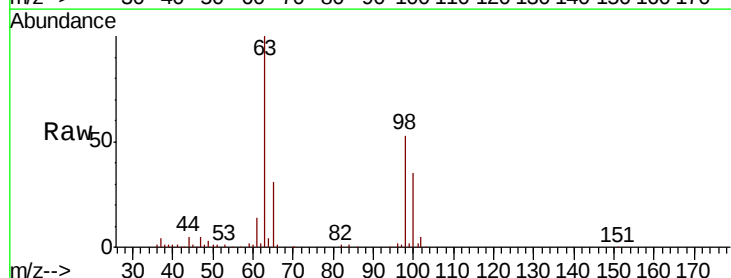
Instrument :
MSVOA_V
ClientSampled :

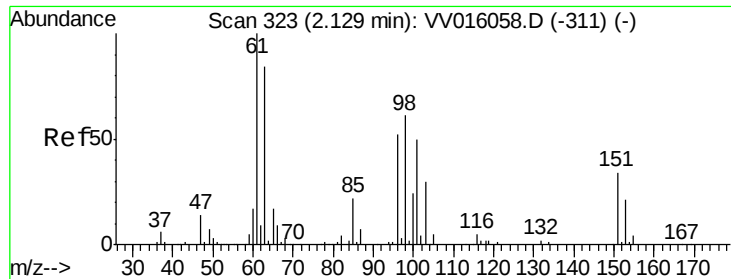
Tot Ion: 64 Resp: 1239
Ion Ratio Lower Upper
64 100
66 5.6 23.6 43.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.115 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV016074.D
Acq: 14 May 2020 18:08

Tgt Ion: 101 Resp: 917
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 12.3 58.0 87.0#





#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV016074.D

Acq: 14 May 2020 18:08

Instrument :

MSVOA_V

ClientSampled :

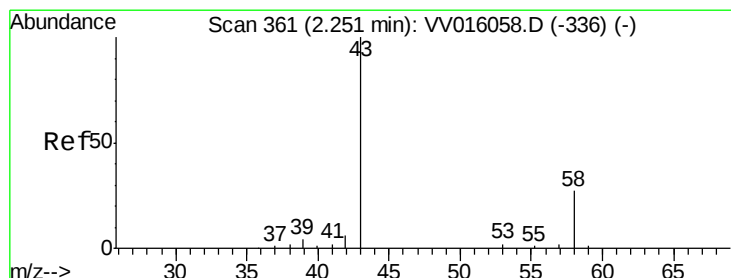
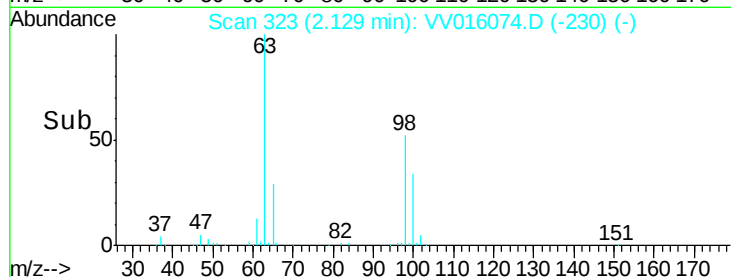
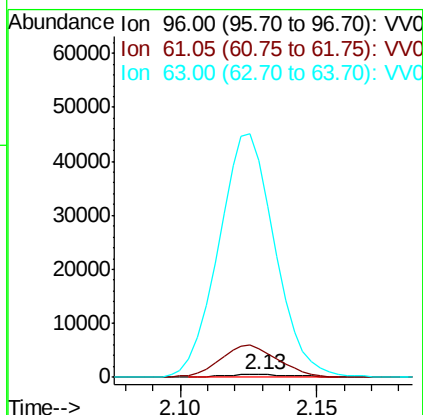
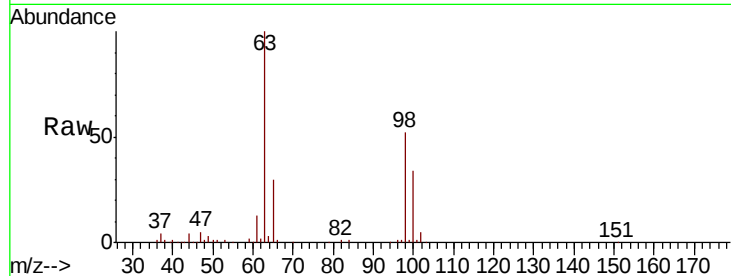
Tot Ion: 96 Resp: 906

Ion Ratio Lower Upper

96 100

61 995.4 139.9 259.7#

63 7429.6 106.4 197.6#



#13

Acetone

Concen: 1.303 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.04 min

Lab File: VV016074.D

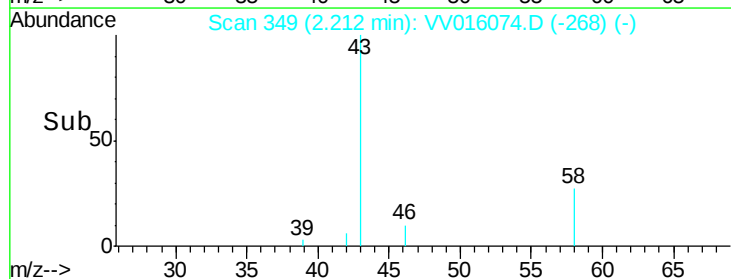
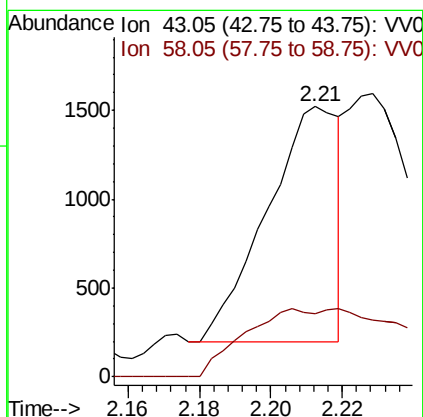
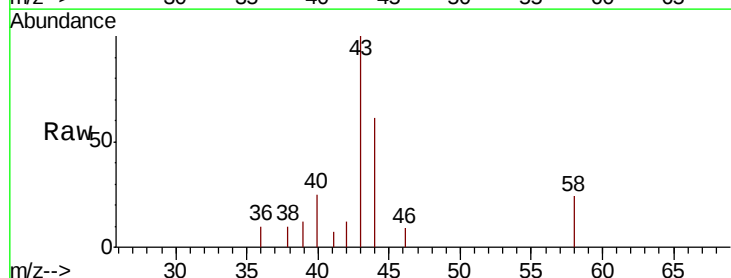
Acq: 14 May 2020 18:08

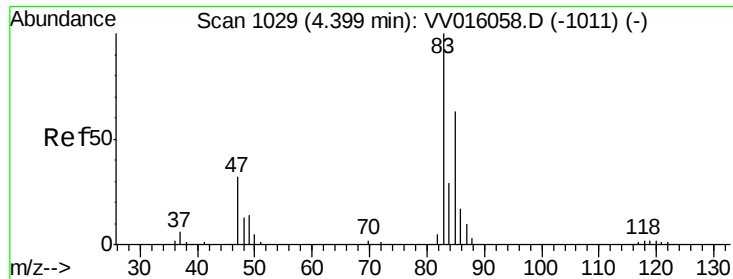
Tgt Ion: 43 Resp: 1853

Ion Ratio Lower Upper

43 100

58 28.9 0.0 30.8

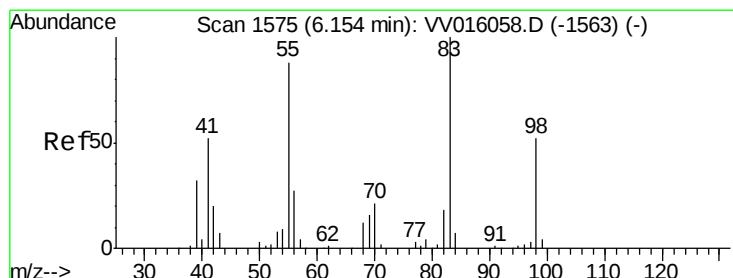
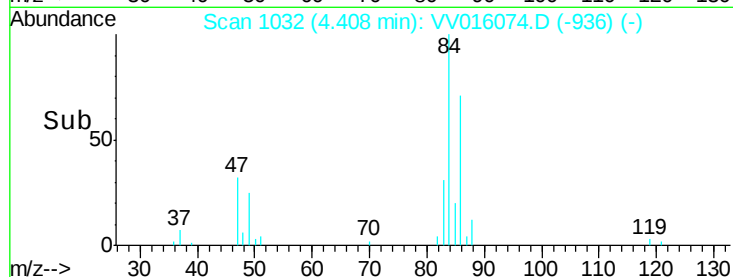
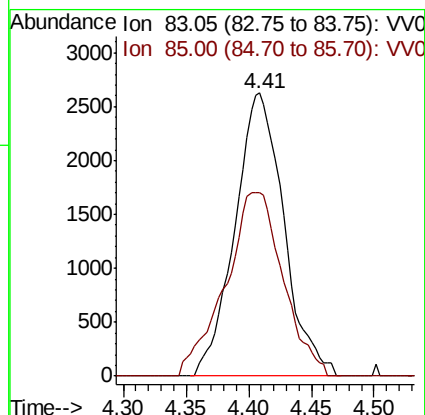
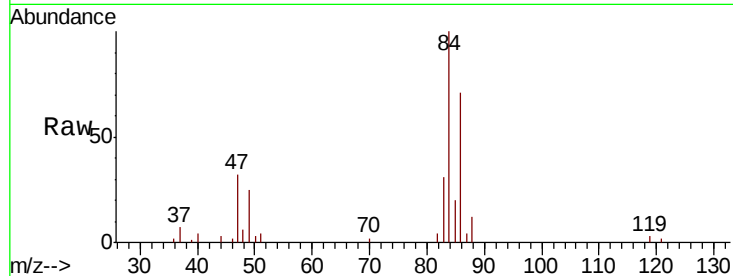




#25
Chloroform
Concen: 0.397 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016074.D
Acq: 14 May 2020 18:08

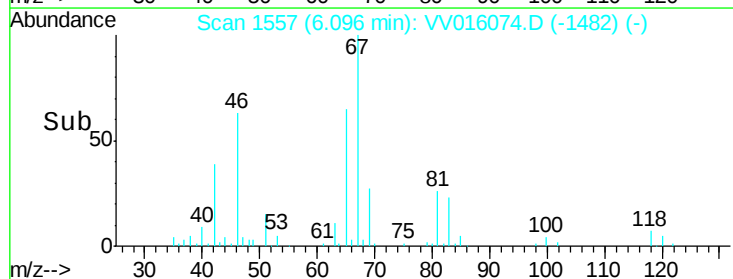
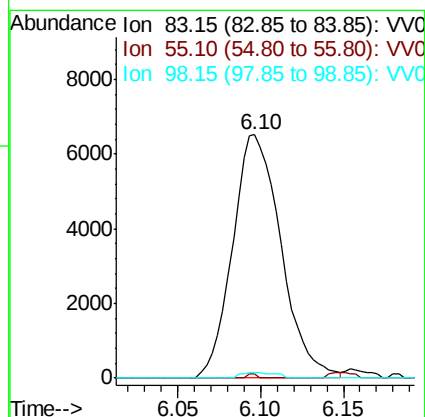
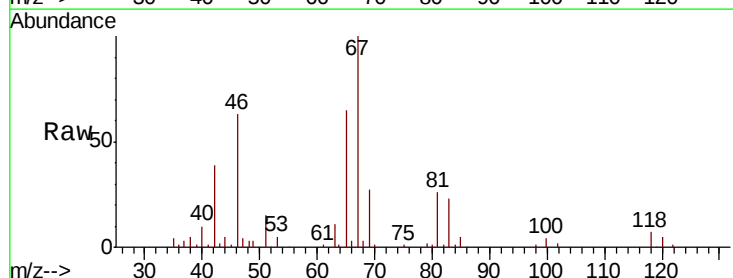
Instrument :
MSVOA_V
ClientSampleId :

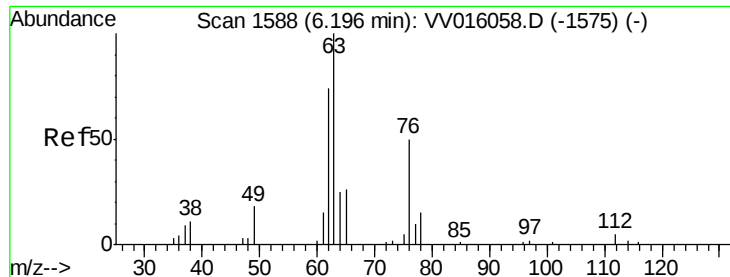
Tot Ion: 83 Resp: 7128
Ion Ratio Lower Upper
83 100
85 64.9 45.7 84.9



#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016074.D
Acq: 14 May 2020 18:08

Tgt Ion: 83 Resp: 13250
Ion Ratio Lower Upper
83 100
55 0.3 66.2 99.2#
98 1.6 37.9 56.9#

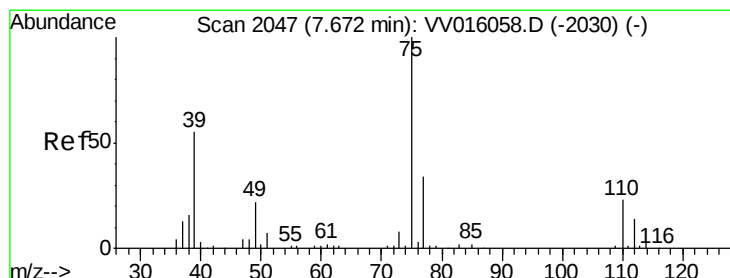
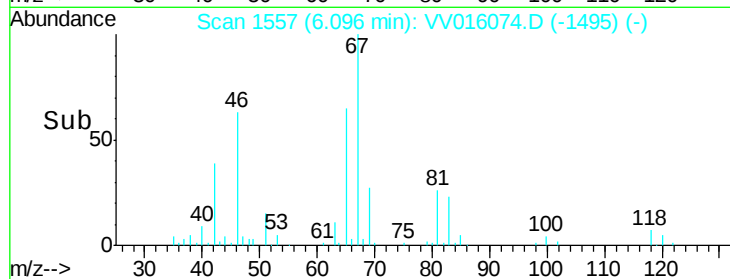
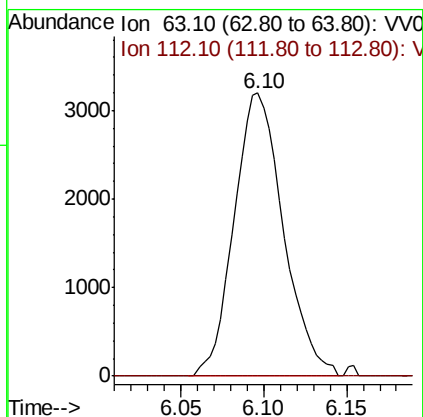
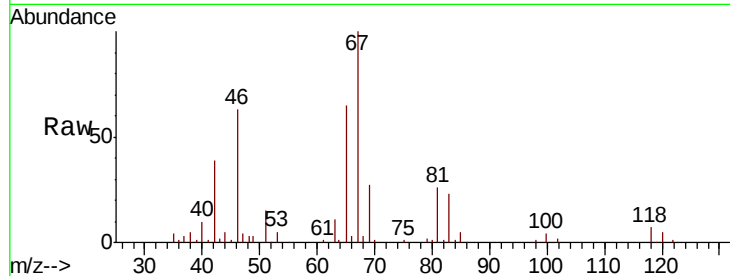




#37
 1,2-Dichloropropane
 Concen: 0.736 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016074.D
 Acq: 14 May 2020 18:08

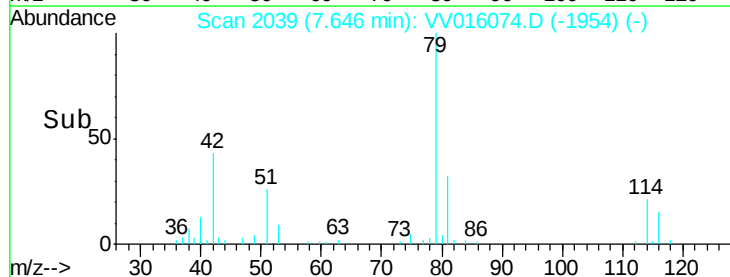
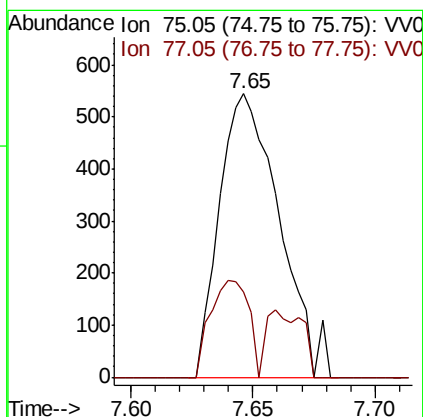
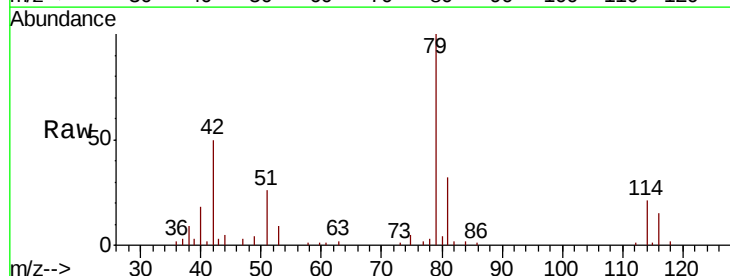
Instrument :
 MSVOA_V
 ClientSampleId :

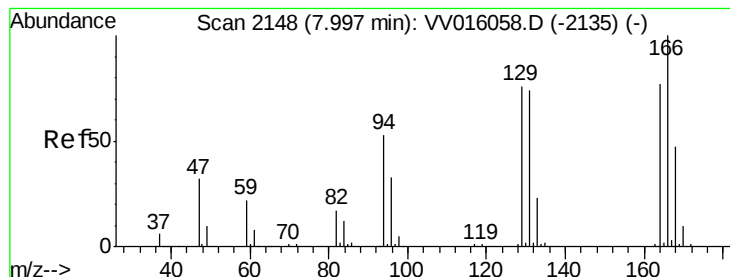
Tot Ion: 63 Resp: 6597
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#46
 trans-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016074.D
 Acq: 14 May 2020 18:08

Tgt Ion: 75 Resp: 929
 Ion Ratio Lower Upper
 75 100
 77 30.1 21.3 39.6





#49

Tetrachloroethene

Concen: 0.740 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016074.D

Acq: 14 May 2020 18:08

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 5198

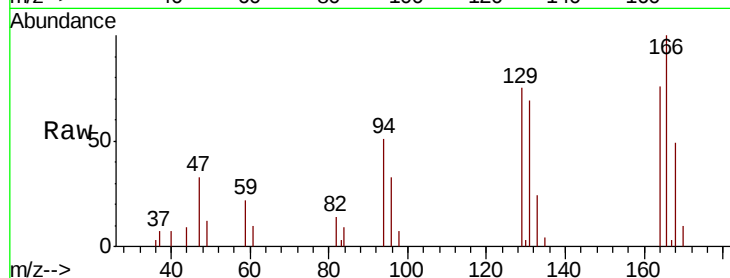
Ion Ratio Lower Upper

164 100

129 98.9 69.7 129.4

131 91.0 66.8 124.2

166 131.1 89.1 165.5

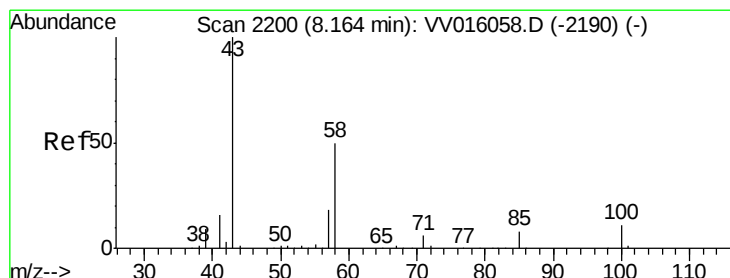
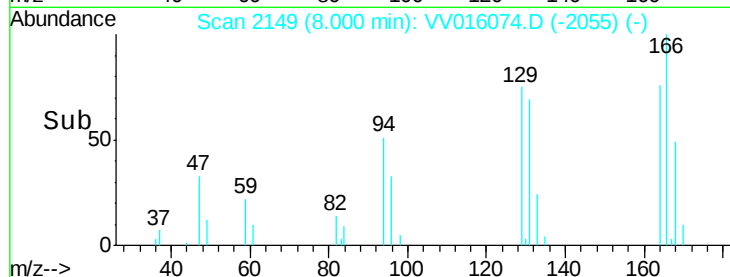
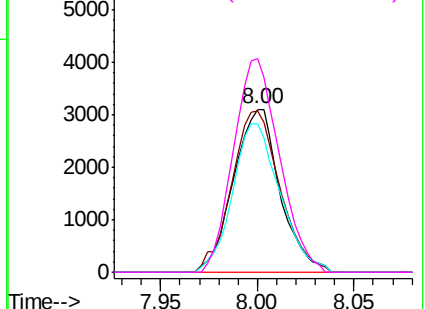


Abundance Ion 163.90 (163.60 to 164.60): V

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: 4.012 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV016074.D

Acq: 14 May 2020 18:08

Tgt Ion: 43 Resp: 15847

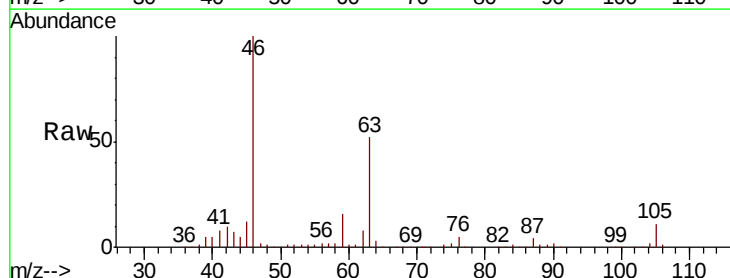
Ion Ratio Lower Upper

43 100

58 32.5 40.8 61.2#

57 24.6 14.7 22.1#

100 1.1 9.0 13.6#

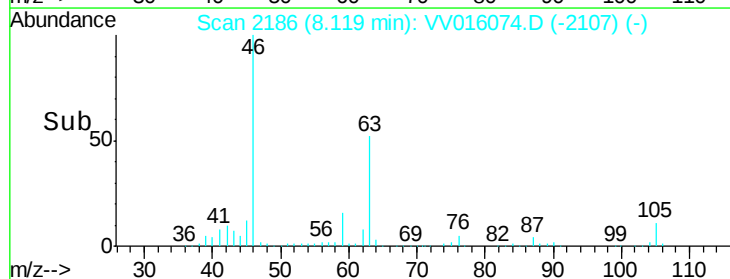
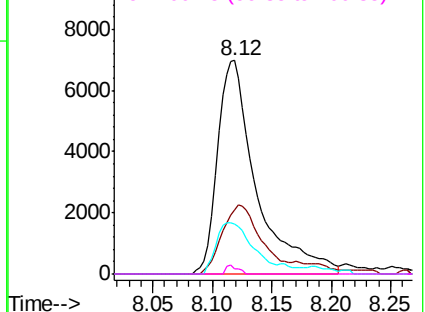


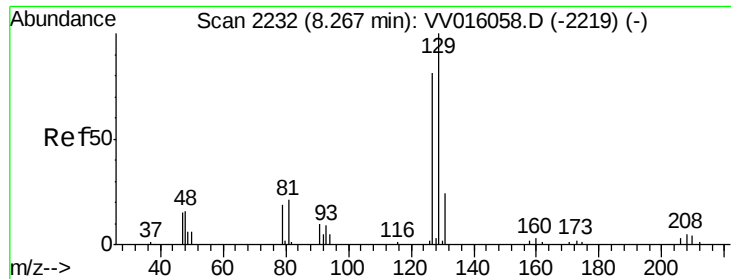
Abundance Ion 43.05 (42.75 to 43.75): VV0

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

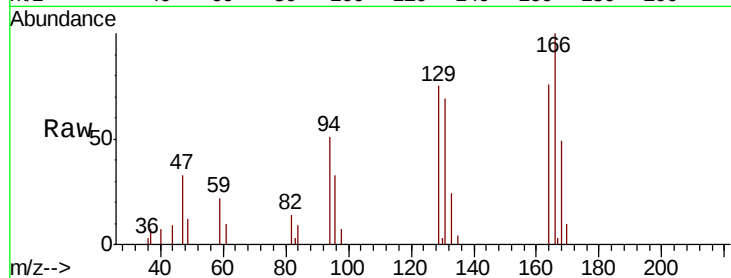




#51
 Dibromochloromethane
 Concen: 0.764 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. -0.27 min
 Lab File: VV016074.D
 Acq: 14 May 2020 18:08

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 5139
 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

