

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015996.D
 Acq On : 11 May 2020 18:07
 Operator : SY/MD
 Sample : L2541-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 12 01:13:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140411	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138965	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32591	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	33003	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.12	63	54026	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.96	46	113791	52.37	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	4.38	84	77783	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	48394	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.08	84	160402	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.10	67	50385	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.34	98	141304	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	13943	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
48) 2-Hexanone-d5	8.12	63	81156	46.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35559	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	52643	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	15349	1.427 ug/L	99
3) Chloromethane	1.14	50	53547	4.916 ug/L #	76
9) Trichlorofluoromethane	1.76	101	2076	0.145 ug/L	89
22) cis-1,2-Dichloroethene	3.94	96	662	0.074 ug/L	83
25) Chloroform	4.41	83	15636	0.863 ug/L	97
27) 1,2-Dichloroethane	5.08	62	1053	0.095 ug/L #	76
34) Trichloroethene	5.94	95	3999	0.401 ug/L	90
35) Methylcyclohexane	6.09	83	12786	0.847 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6456	0.727 ug/L #	87
38) Bromodichloromethane	6.54	83	1061	0.094 ug/L #	73
39) cis-1,3-Dichloropropene	7.01	75	1217	0.097 ug/L #	65
46) trans-1,3-Dichloropropene	7.65	75	589	0.056 ug/L #	77
49) Tetrachloroethene	8.00	164	36929	5.304 ug/L	98
50) 2-Hexanone	8.17	43	5450	1.392 ug/L #	88
51) Dibromochloromethane	8.00	129	35722	5.359 ug/L #	9

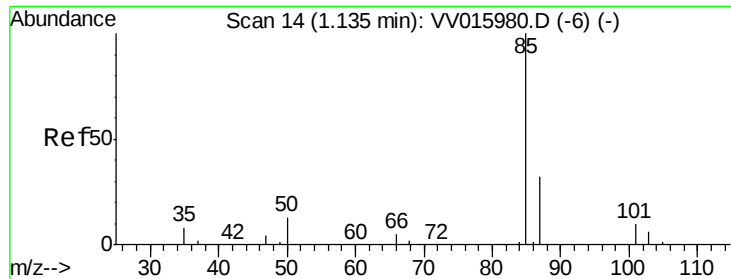
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
Data File : VV015996.D
Acq On : 11 May 2020 18:07
Operator : SY/MD
Sample : L2541-06
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 12 01:13:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 12 01:07:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

Dichlorodifluoromethane

Concen: 1.427 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015996.D

Acq: 11 May 2020 18:07

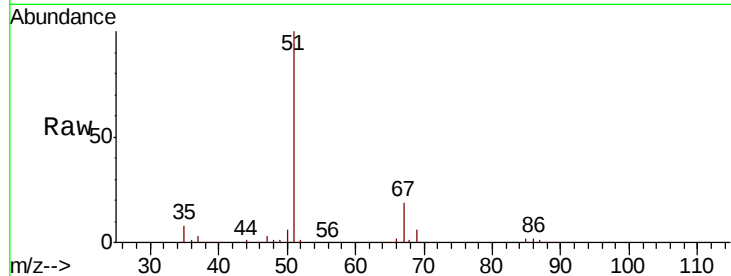
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 85 Resp: 15349

Ion Ratio Lower Upper

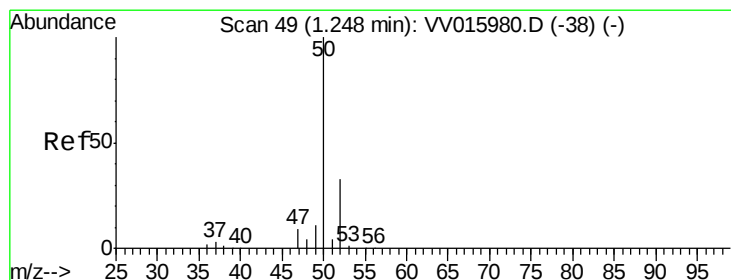
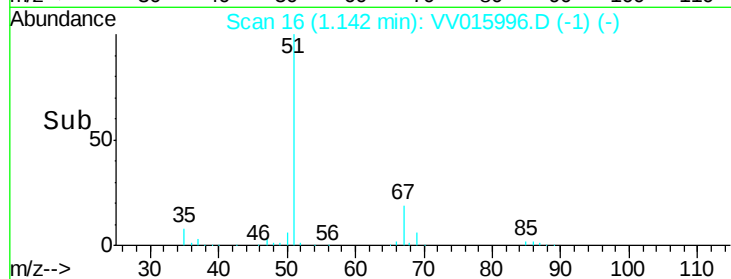
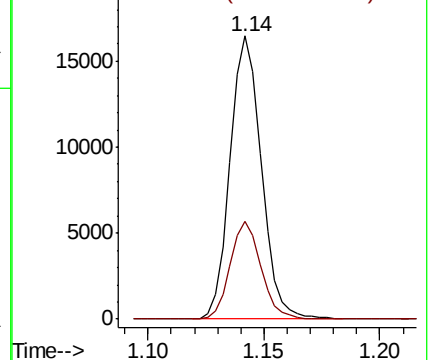
85 100

87 33.7 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 4.916 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.11 min

Lab File: VV015996.D

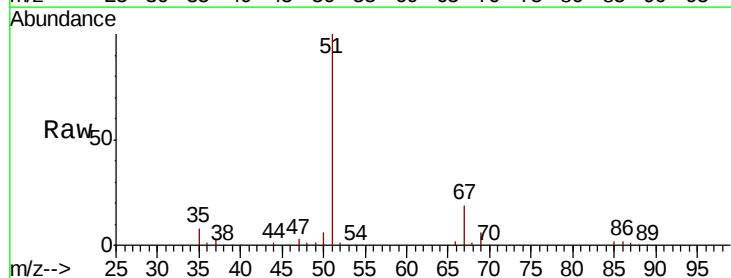
Acq: 11 May 2020 18:07

Tgt Ion: 50 Resp: 53547

Ion Ratio Lower Upper

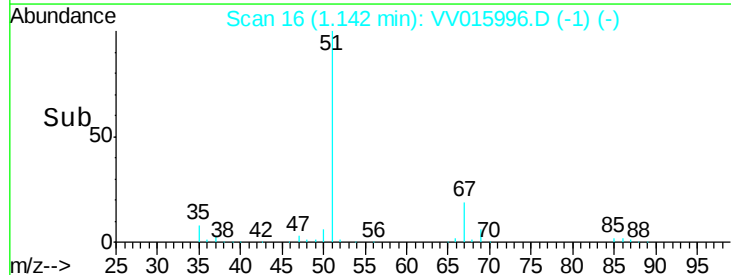
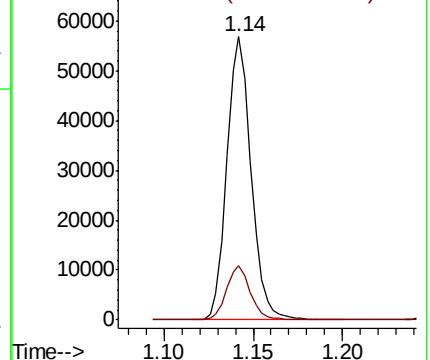
50 100

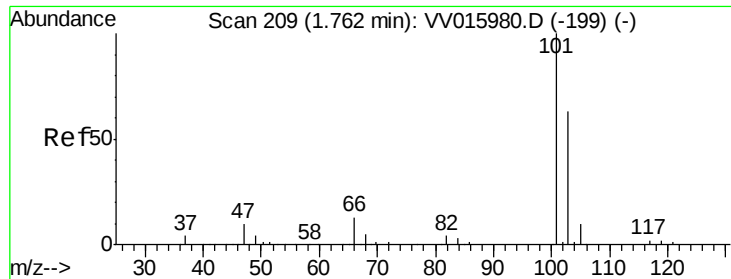
52 19.0 22.8 42.4#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



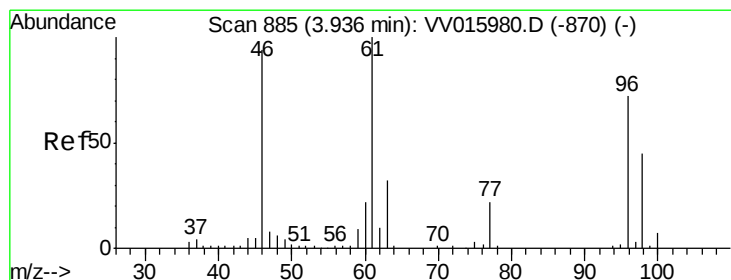
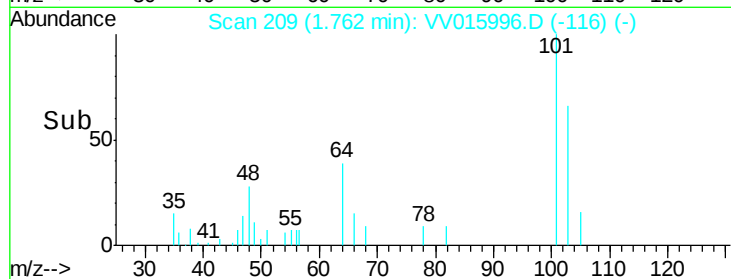
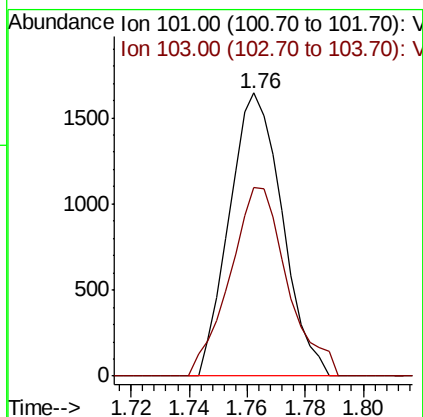
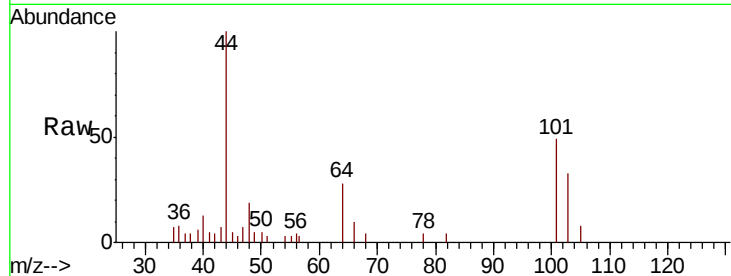


#9

Trichlorofluoromethane
Concen: 0.145 ug/L
RT: 1.76 min Scan# 209
Delta R.T. -0.00 min
Lab File: VV015996.D
Acq: 11 May 2020 18:07

Instrument :
MSVOA_V
ClientSampleId :

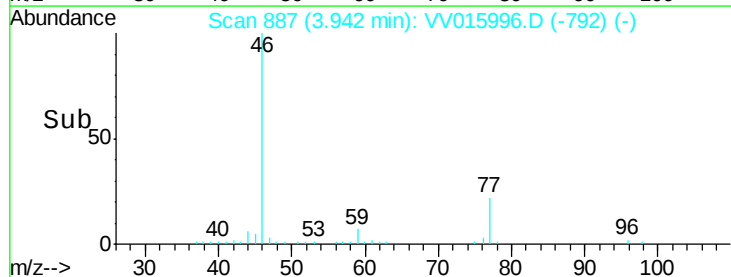
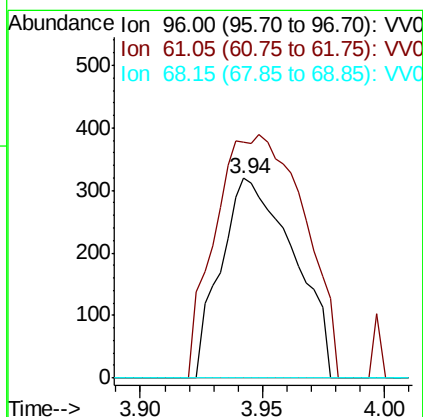
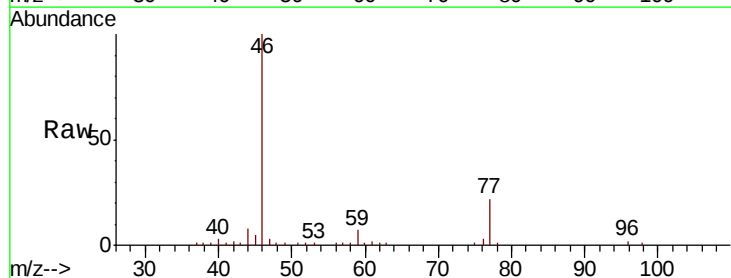
Tot Ion:101 Resp: 2076
Ion Ratio Lower Upper
101 100
103 72.6 51.4 77.2

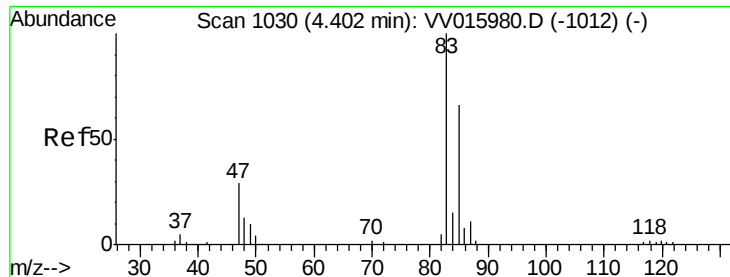


#22

cis-1,2-Dichloroethene
Concen: 0.074 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015996.D
Acq: 11 May 2020 18:07

Tgt Ion: 96 Resp: 662
Ion Ratio Lower Upper
96 100
61 118.5 97.2 180.6
68 0.0 0.0 0.0

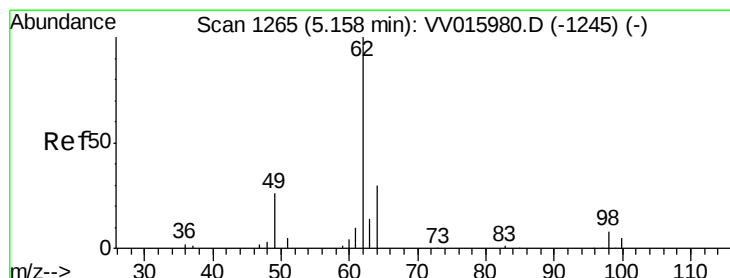
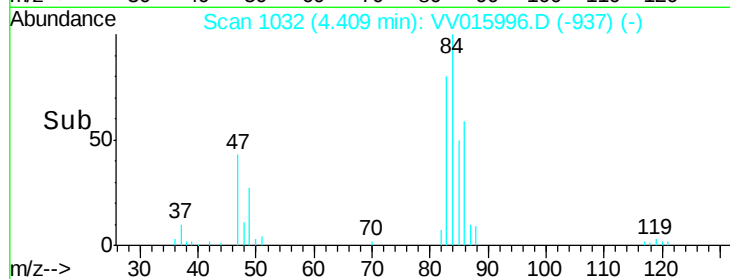
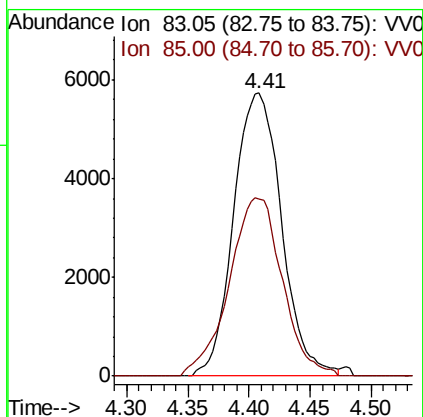
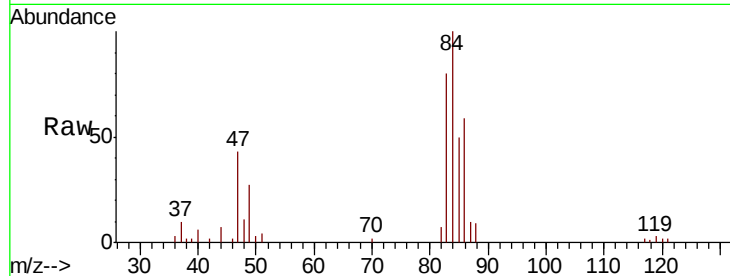




#25
Chloroform
Concen: 0.863 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015996.D
Acq: 11 May 2020 18:07

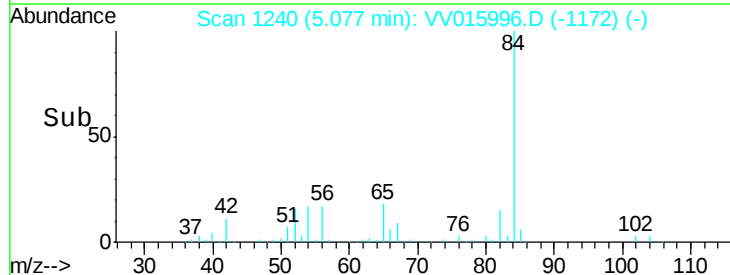
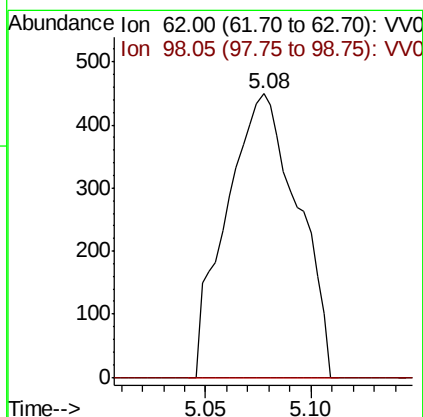
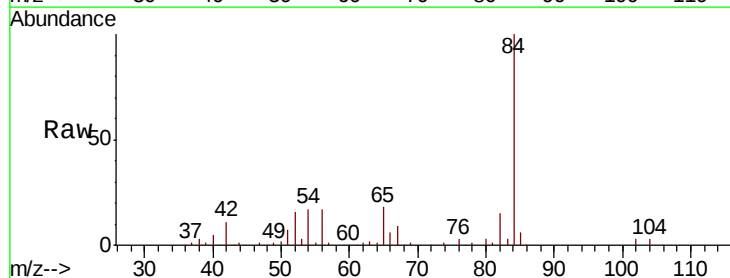
Instrument :
MSVOA_V
ClientSampleId :

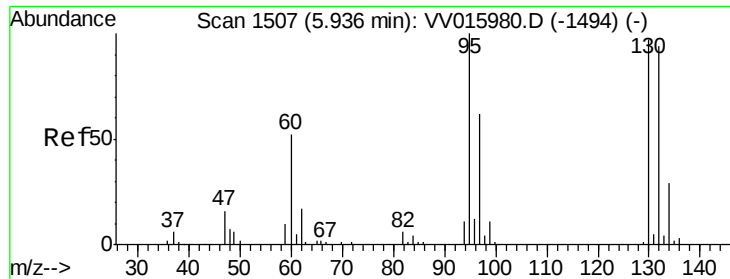
Tot Ion: 83 Resp: 15636
Ion Ratio Lower Upper
83 100
85 62.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015996.D
Acq: 11 May 2020 18:07

Tgt Ion: 62 Resp: 1053
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#

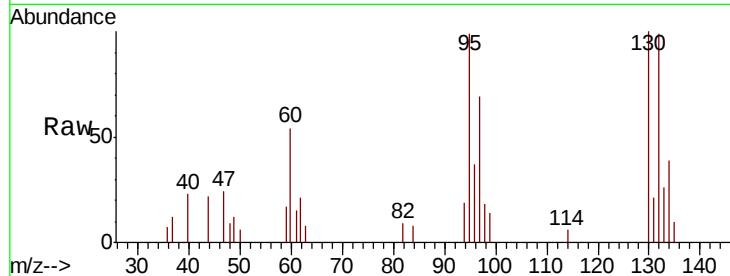




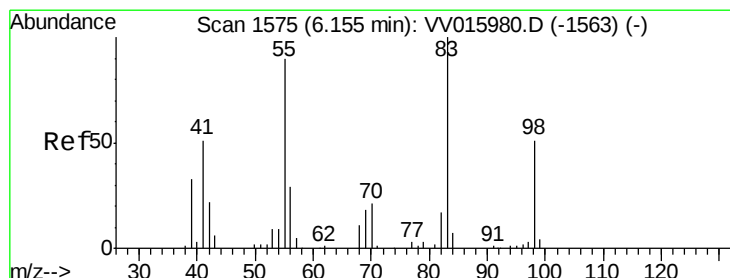
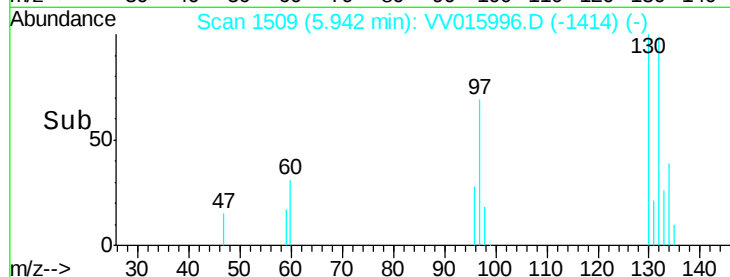
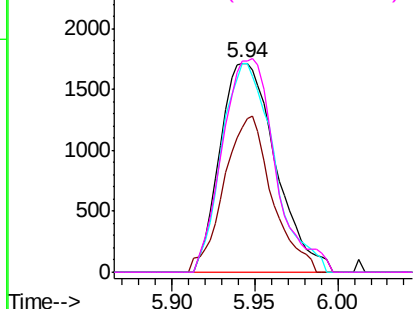
#34
 Trichloroethene
 Concen: 0.401 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV015996.D
 Acq: 11 May 2020 18:07

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 3999
 Ion Ratio Lower Upper
 95 100
 97 69.6 43.3 80.5
 132 99.7 60.3 112.1
 130 101.0 66.0 122.6

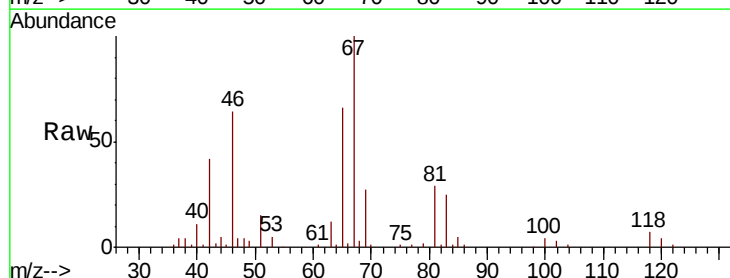


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

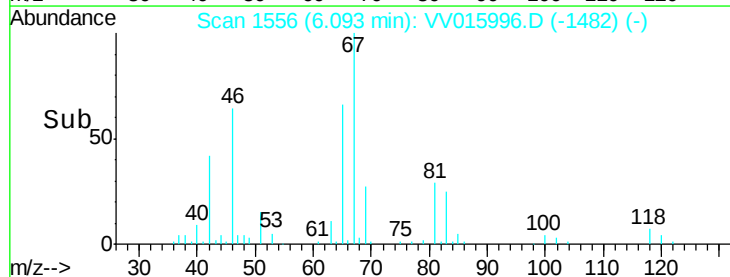
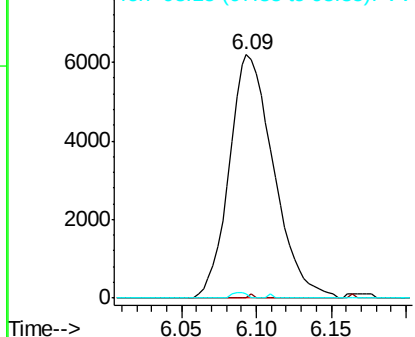


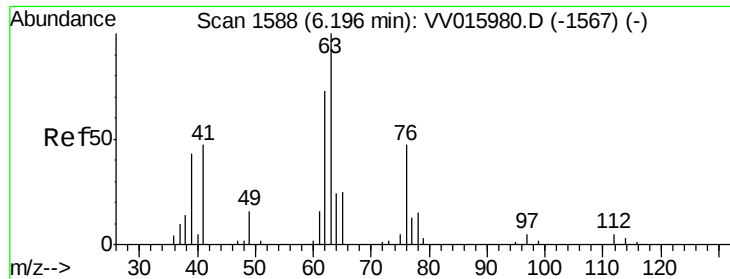
#35
 Methylcyclohexane
 Concen: 0.847 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015996.D
 Acq: 11 May 2020 18:07

Tgt Ion: 83 Resp: 12786
 Ion Ratio Lower Upper
 83 100
 55 0.2 66.2 99.2#
 98 0.7 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

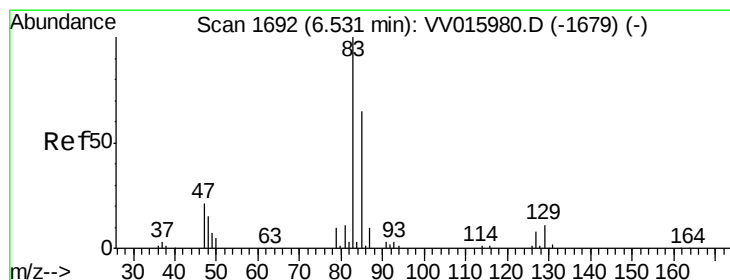
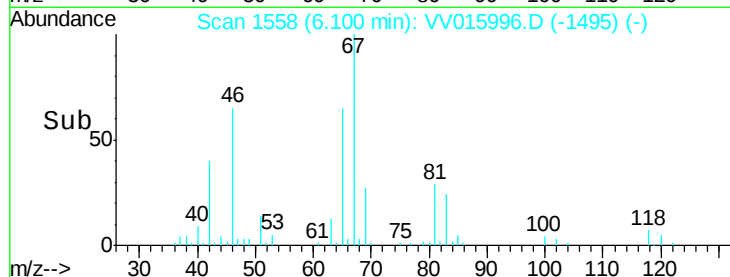
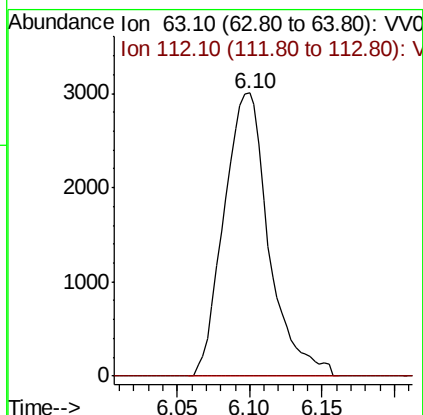
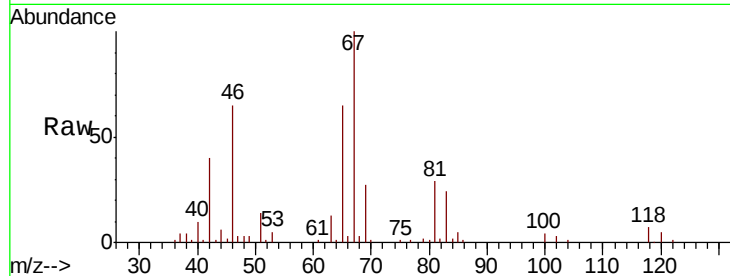




#37
 1,2-Dichloropropane
 Concen: 0.727 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV015996.D
 Acq: 11 May 2020 18:07

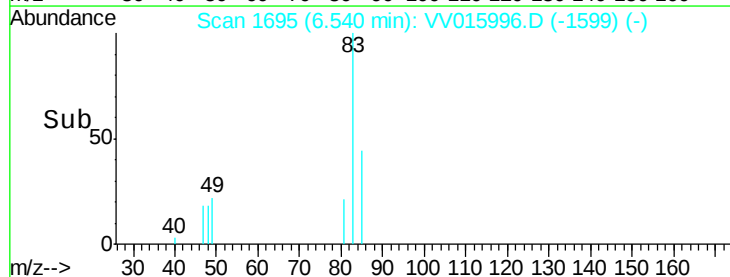
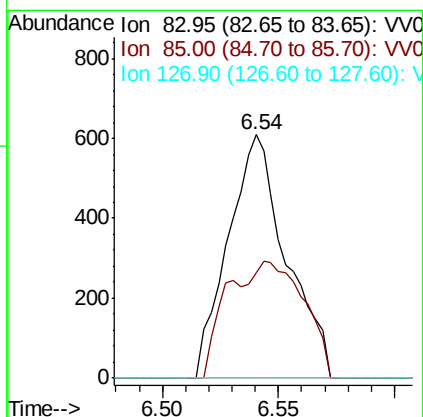
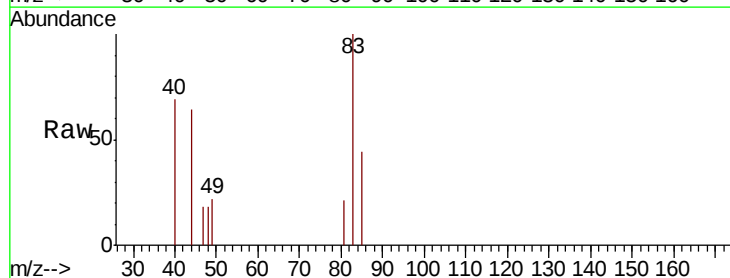
Instrument :
 MSVOA_V
 ClientSampleId :

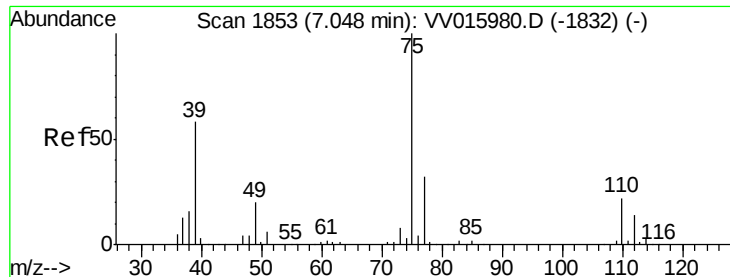
Tot Ion: 63 Resp: 6456
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#38
 Bromodichloromethane
 Concen: 0.094 ug/L
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VV015996.D
 Acq: 11 May 2020 18:07

Tgt Ion: 83 Resp: 1061
 Ion Ratio Lower Upper
 83 100
 85 43.5 45.5 84.5#
 127 0.0 6.2 9.4#



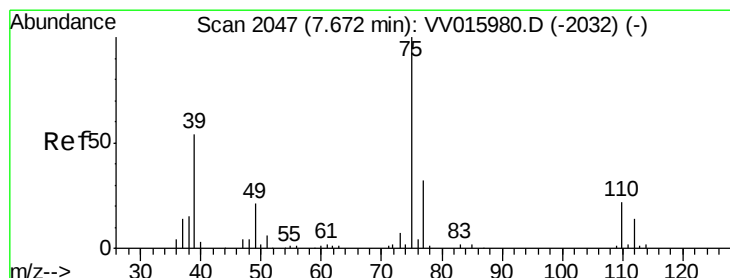
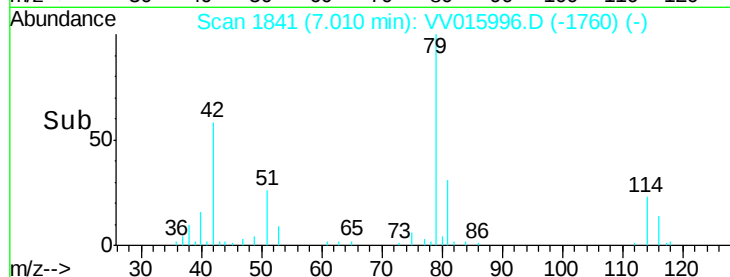
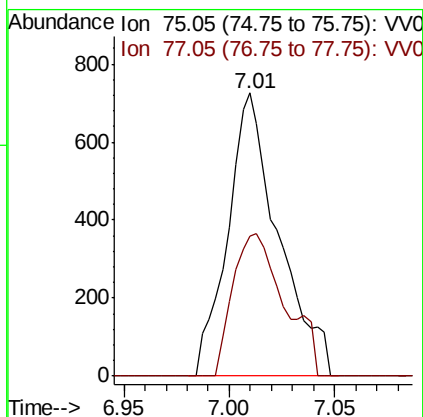
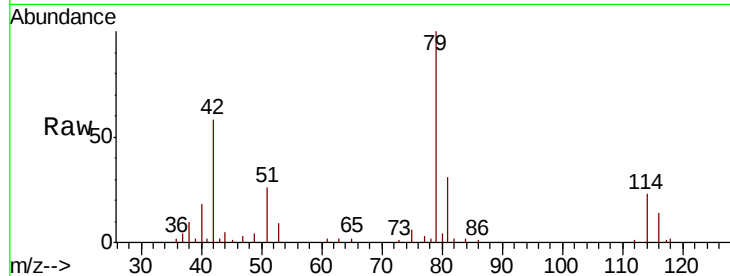


#39

cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015996.D
Acq: 11 May 2020 18:07

Instrument :
MSVOA_V
ClientSampleId :

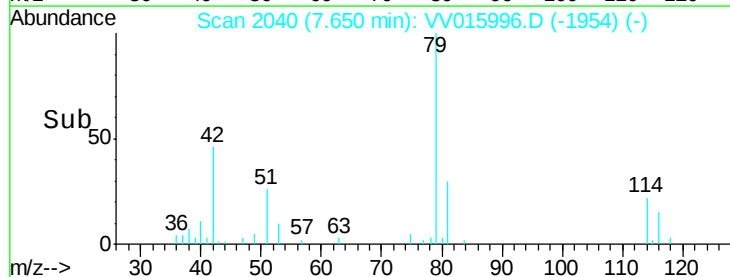
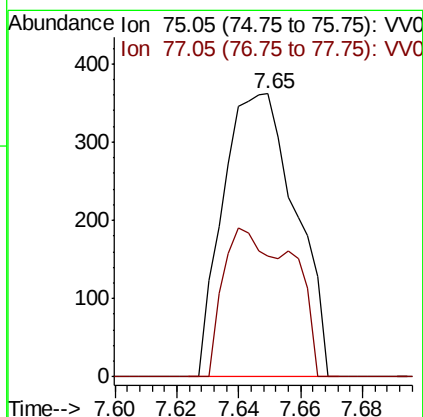
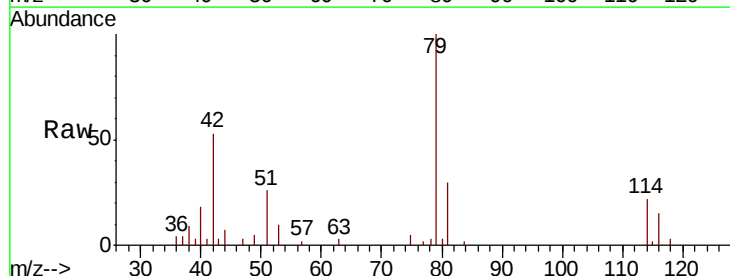
Tot Ion: 75 Resp: 1217
Ion Ratio Lower Upper
75 100
77 49.4 21.3 39.5#

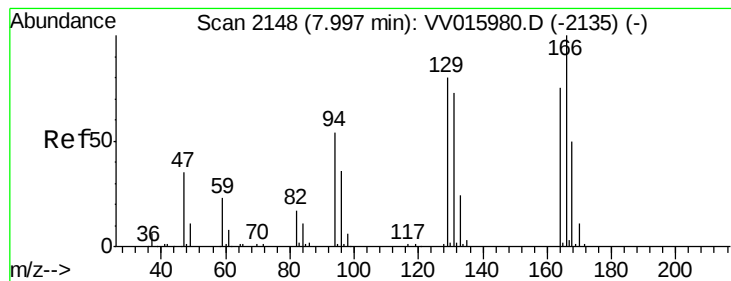


#46

trans-1,3-Dichloropropene
Concen: 0.056 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV015996.D
Acq: 11 May 2020 18:07

Tgt Ion: 75 Resp: 589
Ion Ratio Lower Upper
75 100
77 42.8 21.3 39.6#





#49

Tetrachloroethene

Concen: 5.304 ug/L

RT: 8.00 min Scan# 2148

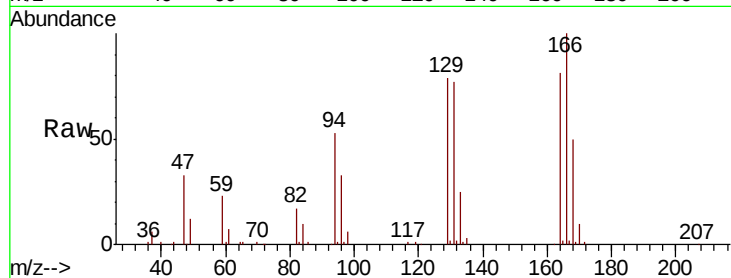
Delta R.T. -0.00 min

Lab File: VV015996.D

Acq: 11 May 2020 18:07

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:	164	Resp:	36929
Ion	Ratio	Lower	Upper
164	100		
129	97.3	69.7	129.4
131	95.5	66.8	124.2
166	123.5	89.1	165.5



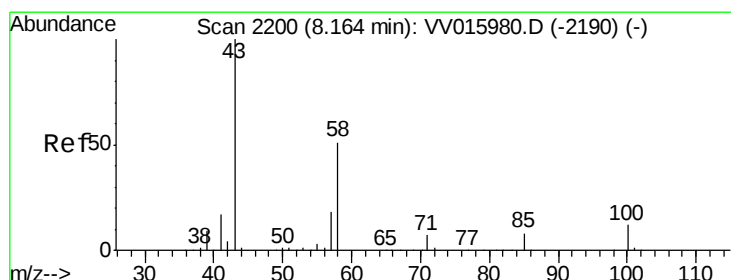
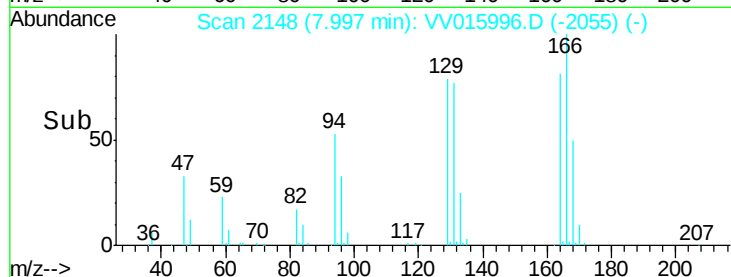
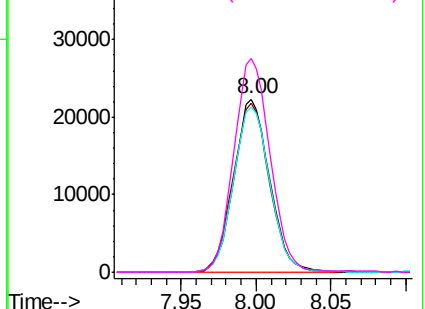
Abundance

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: 1.392 ug/L

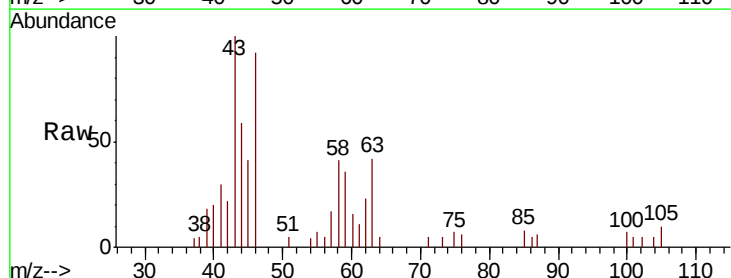
RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015996.D

Acq: 11 May 2020 18:07

Tgt Ion:	43	Resp:	5450
Ion	Ratio	Lower	Upper
43	100		
58	54.1	40.8	61.2
57	3.4	14.7	22.1#
100	8.0	9.0	13.6#



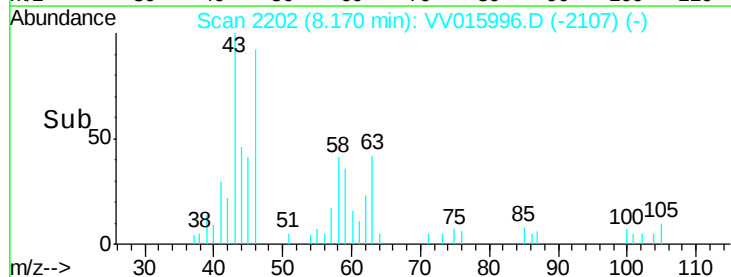
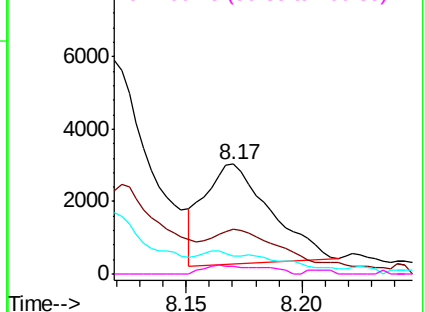
Abundance

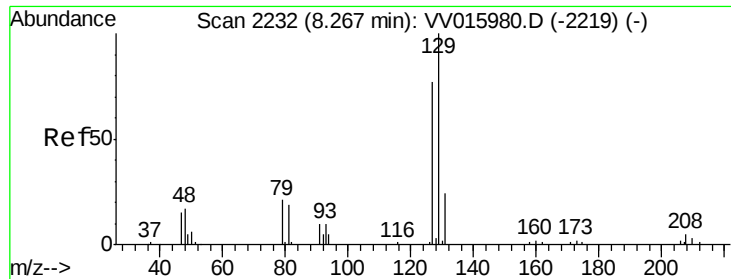
Ion 43.05 (42.75 to 43.75): VV0

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: 5.359 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015996.D

Acq: 11 May 2020 18:07

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 35722

Ion Ratio Lower Upper

129 100

127 0.0 56.0 104.0#

