

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017266.D
 Acq On : 30 Jun 2020 17:34
 Operator : SY/MD
 Sample : L3168-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 01 06:04:37 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	162212	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157506	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46177	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	38507	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.13	63	68164	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.92	46	121570	49.00	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	4.38	84	106855	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.06	65	57933	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.08	84	193479	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.10	67	56447	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.34	98	166768	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
45) trans-1,3-Dichloropropene-	7.64	79	23502	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
48) 2-Hexanone-d5	8.11	63	83661	43.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.20%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39656	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	70245	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

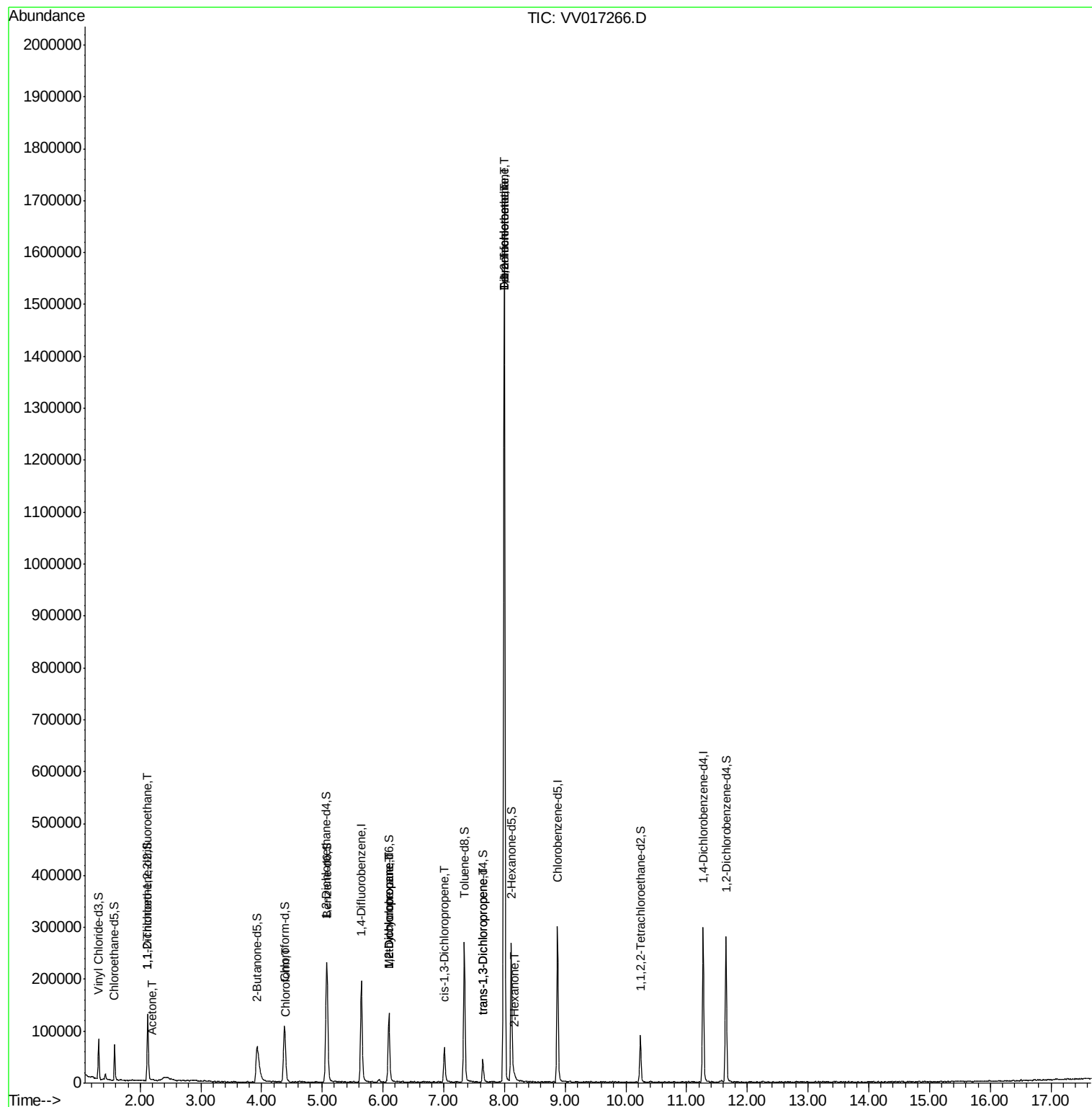
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	736	0.086	ug/L #	19
13) Acetone	2.21	43	3455	2.755	ug/L	76
25) Chloroform	4.41	83	3640	0.180	ug/L	100
35) Methylcyclohexane	6.10	83	15165	0.808	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	7496	0.734	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	1891	0.125	ug/L #	54
46) trans-1,3-Dichloropropene	7.64	75	1529	0.117	ug/L	85
47) 1,1,2-Trichloroethane	7.99	97	3427	0.473	ug/L #	30
49) Tetrachloroethene	8.00	164	369456	38.003	ug/L	98
50) 2-Hexanone	8.16	43	5356	1.277	ug/L #	85
51) Dibromochloromethane	8.00	129	333101	37.944	ug/L #	11

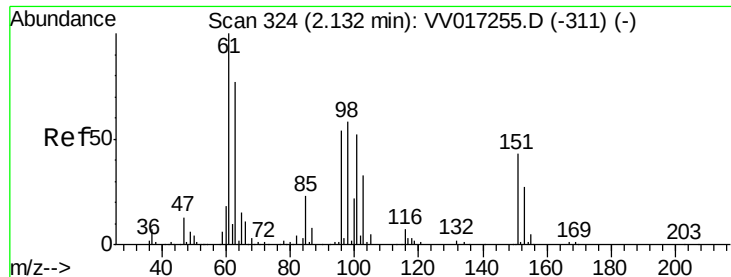
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.086 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017266.D

Acq: 30 Jun 2020 17:34

Instrument :

MSVOA_V

ClientSampleId :

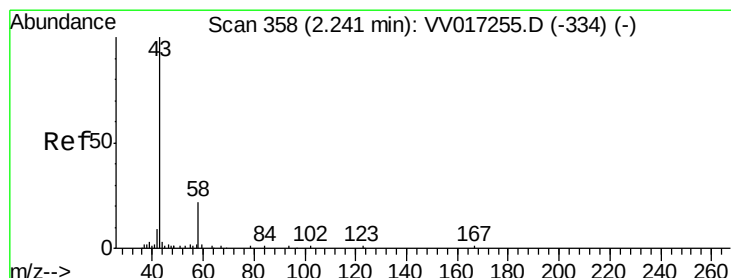
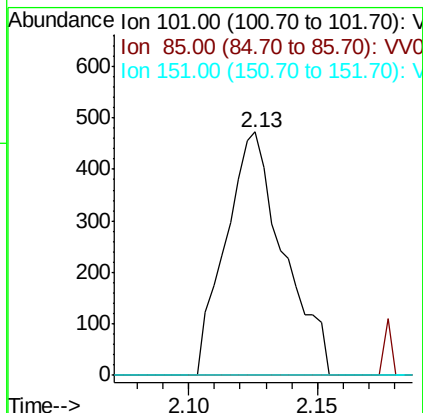
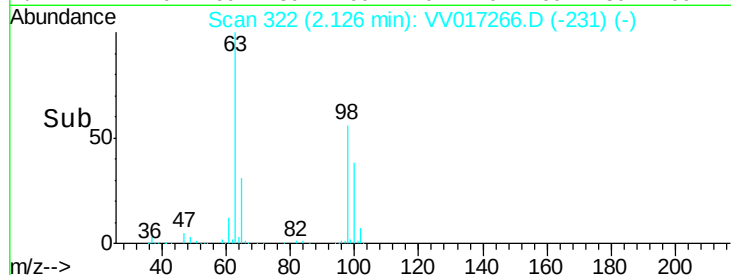
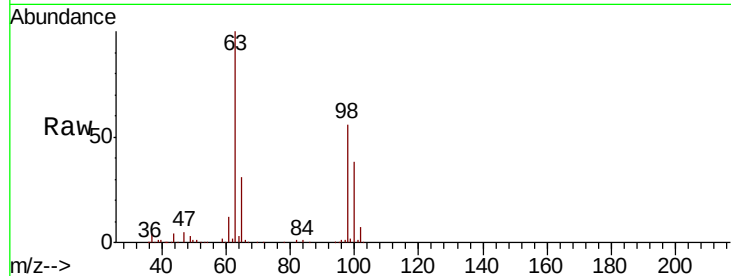
Tot Ion:101 Resp: 736

Ion Ratio Lower Upper

101 100

85 2.9 35.4 53.2#

151 0.0 63.9 95.9#



#13

Acetone

Concen: 2.755 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.04 min

Lab File: VV017266.D

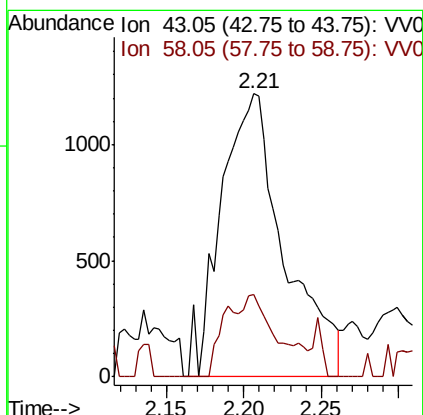
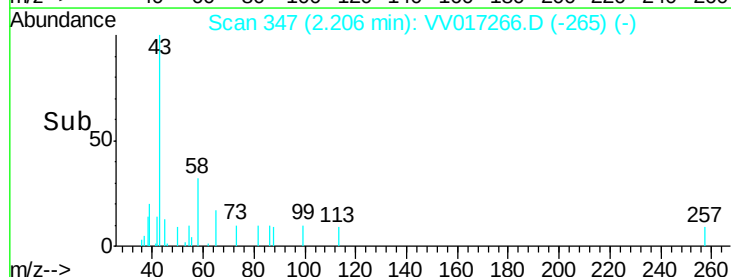
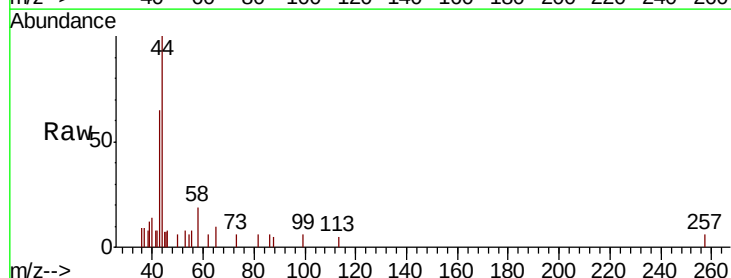
Acq: 30 Jun 2020 17:34

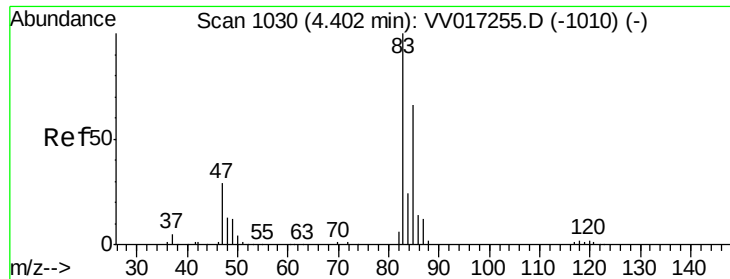
Tgt Ion: 43 Resp: 3455

Ion Ratio Lower Upper

43 100

58 16.3 0.0 58.4

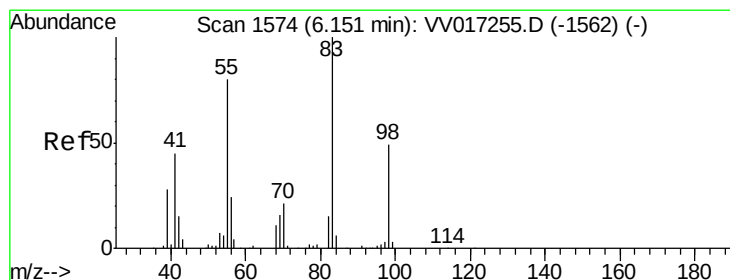
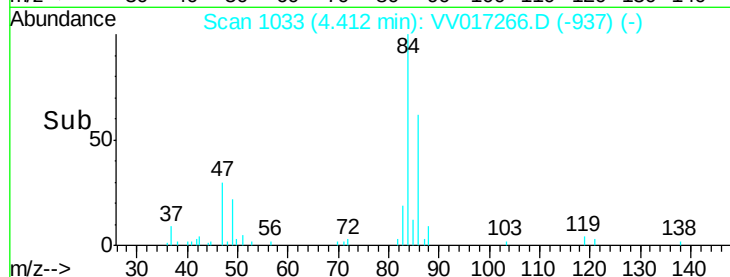
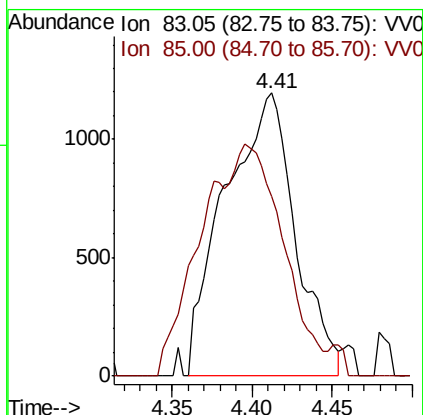
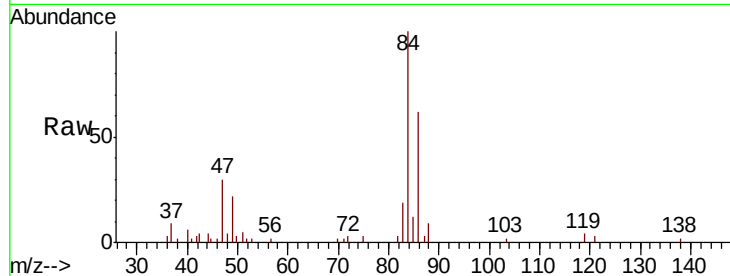




#25
Chloroform
Concen: 0.180 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV017266.D
Acq: 30 Jun 2020 17:34

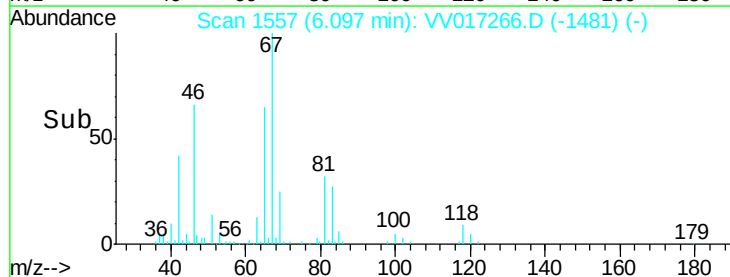
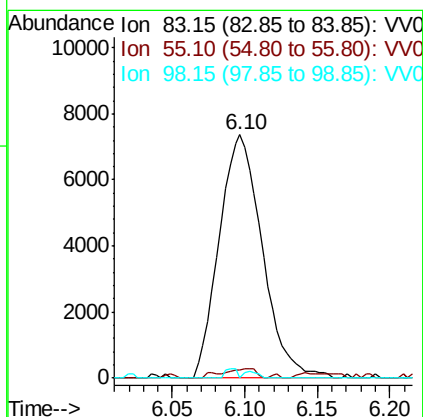
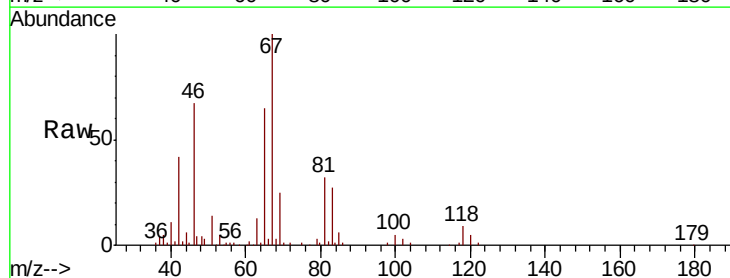
Instrument :
MSVOA_V
ClientSampled :

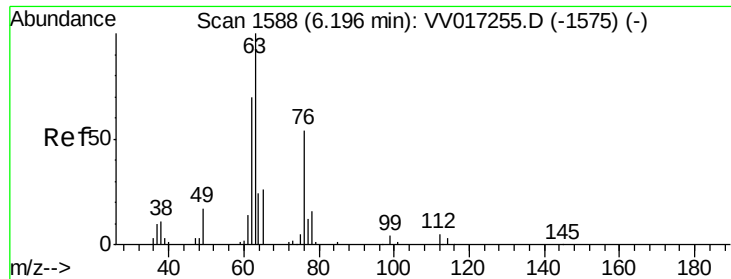
Tot Ion: 83 Resp: 3640
Ion Ratio Lower Upper
83 100
85 63.4 44.2 82.2



#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017266.D
Acq: 30 Jun 2020 17:34

Tgt Ion: 83 Resp: 15165
Ion Ratio Lower Upper
83 100
55 2.4 63.6 95.4#
98 0.9 38.8 58.2#

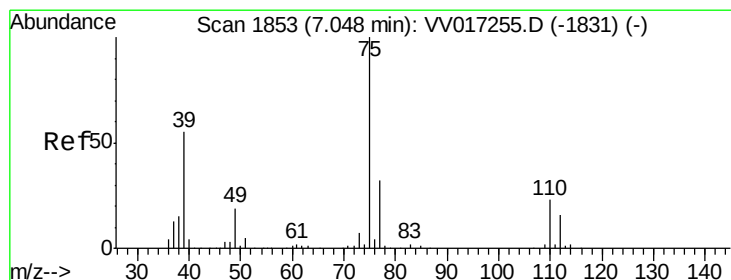
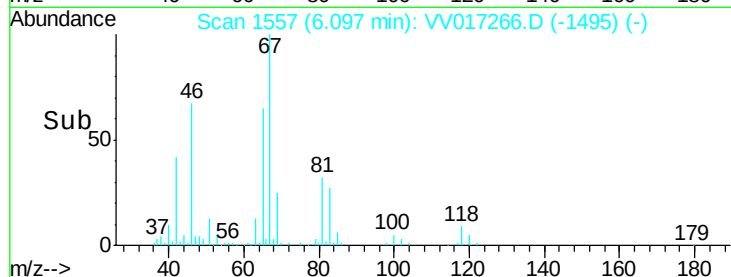
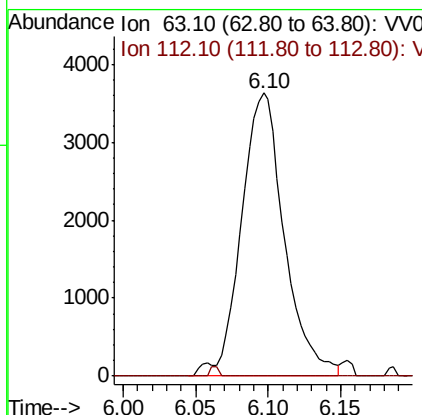
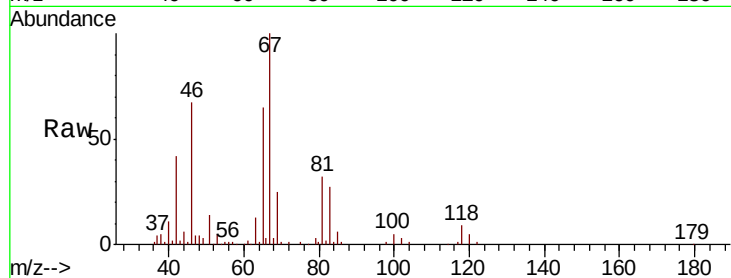




#37
 1,2-Dichloropropane
 Concen: 0.734 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017266.D
 Acq: 30 Jun 2020 17:34

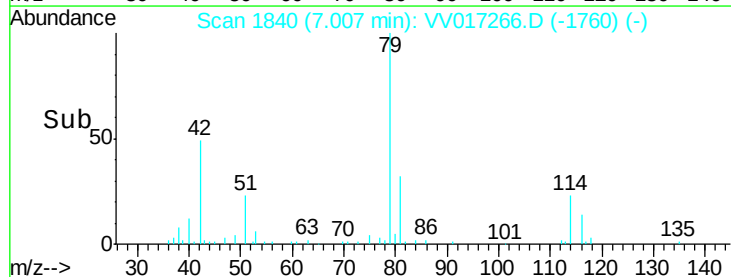
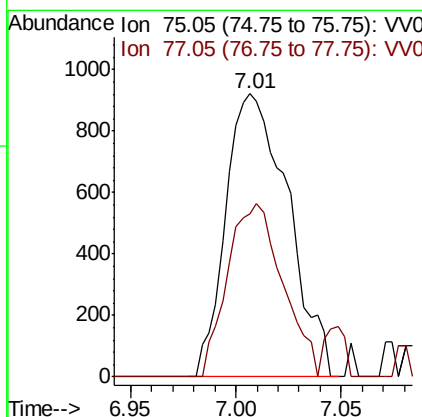
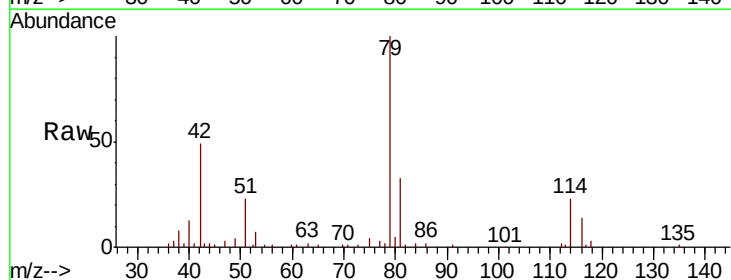
Instrument :
 MSVOA_V
 ClientSampleId :

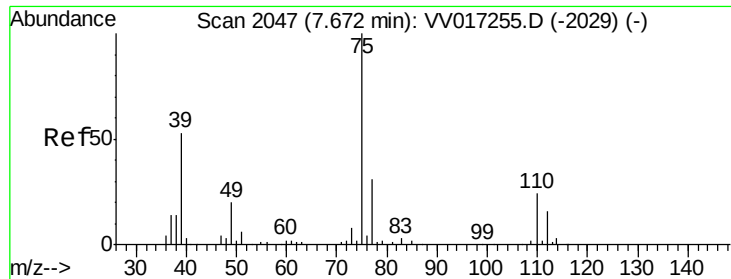
Tot Ion: 63 Resp: 7496
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017266.D
 Acq: 30 Jun 2020 17:34

Tgt Ion: 75 Resp: 1891
 Ion Ratio Lower Upper
 75 100
 77 57.5 22.3 41.5#





#46

trans-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017266.D

Acq: 30 Jun 2020 17:34

Instrument :

MSVOA_V

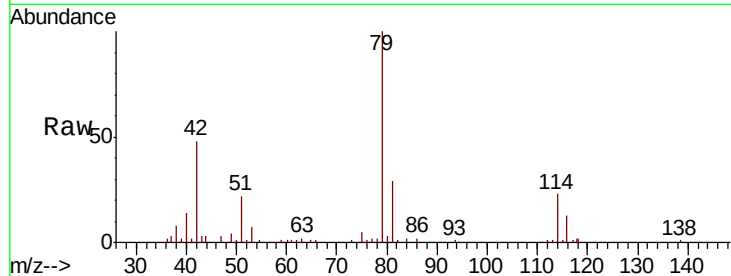
ClientSampled :

Tot Ion: 75 Resp: 1529

Ion Ratio Lower Upper

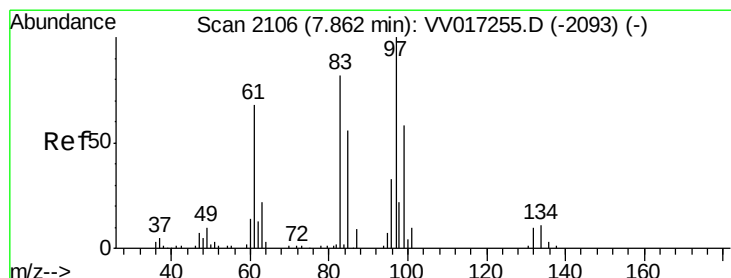
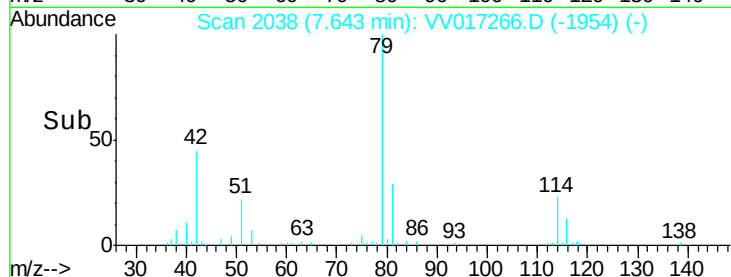
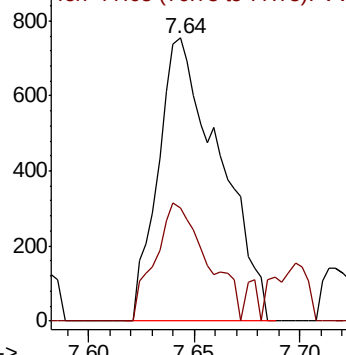
75 100

77 39.9 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

1,1,2-Trichloroethane

Concen: 0.473 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.13 min

Lab File: VV017266.D

Acq: 30 Jun 2020 17:34

Tgt Ion: 97 Resp: 3427

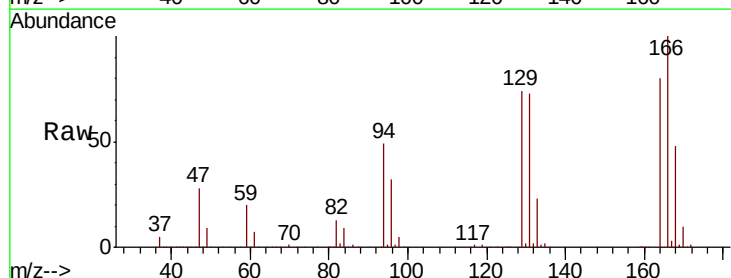
Ion Ratio Lower Upper

97 100

99 16.6 43.6 81.0#

83 177.6 57.4 106.6#

85 34.3 38.8 72.0#

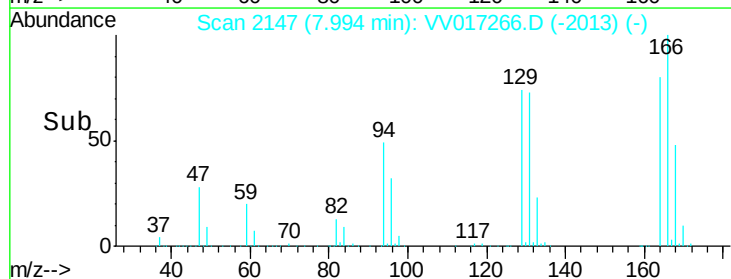
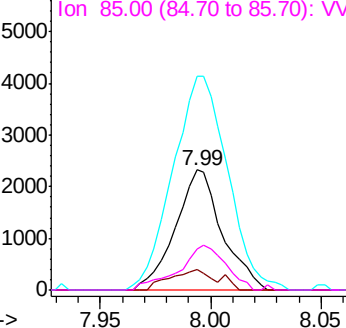


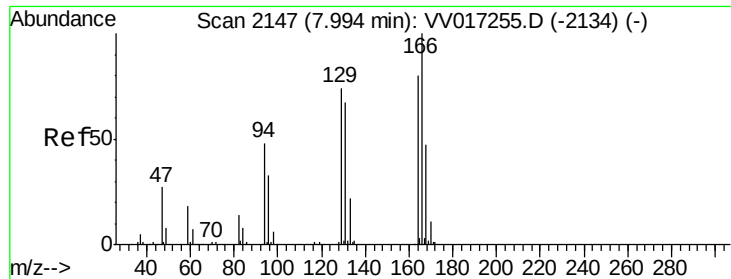
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0





#49

Tetrachloroethene

Concen: 38.003 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017266.D

Acq: 30 Jun 2020 17:34

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 369456

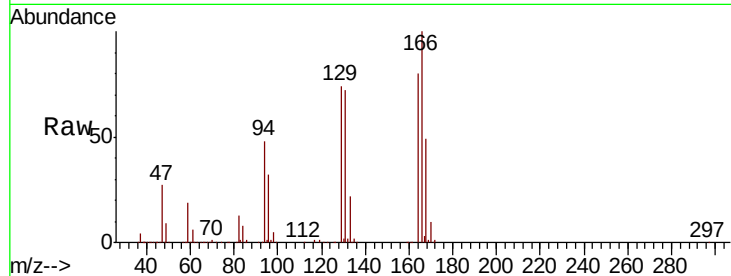
Ion Ratio Lower Upper

164 100

129 93.2 65.2 121.0

131 90.5 64.1 119.1

166 125.4 90.2 167.4

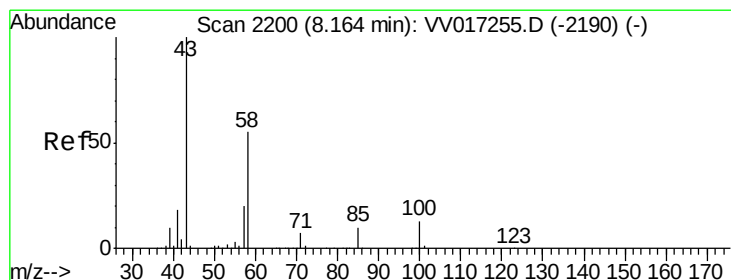
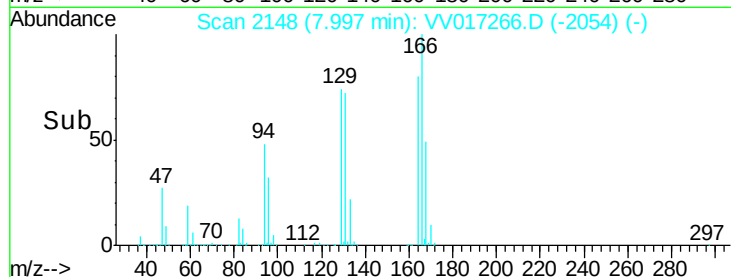
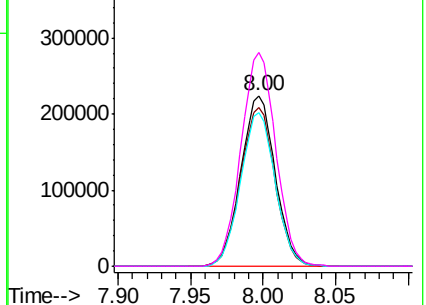


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.277 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VV017266.D

Acq: 30 Jun 2020 17:34

Tgt Ion: 43 Resp: 5356

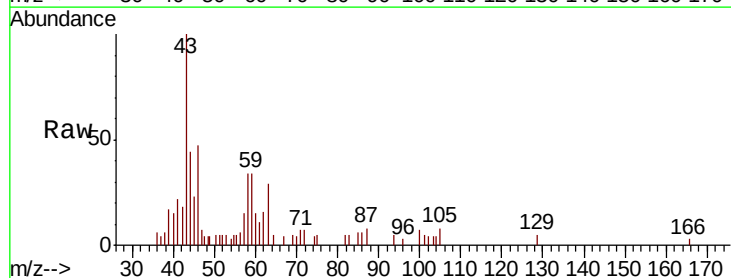
Ion Ratio Lower Upper

43 100

58 41.4 41.6 62.4#

57 13.0 15.4 23.0#

100 6.5 10.1 15.1#

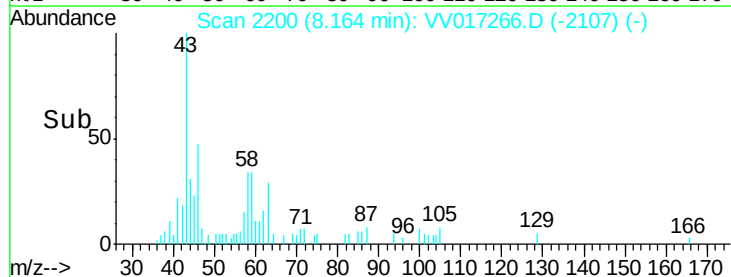
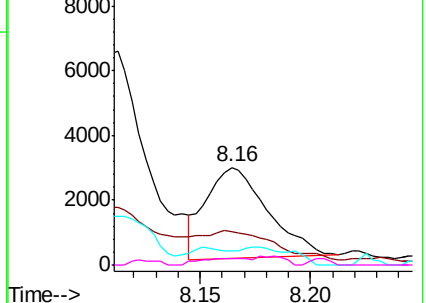


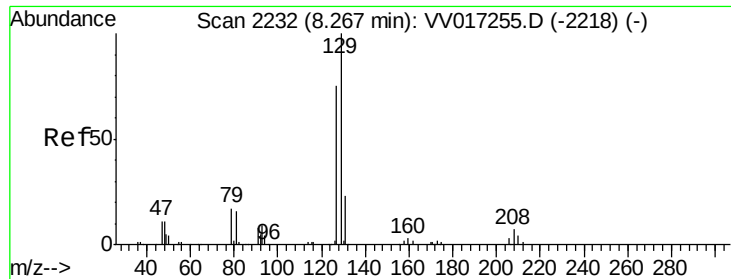
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 37.944 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.27 min
 Lab File: VV017266.D
 Acq: 30 Jun 2020 17:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 333101
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.1 100.5#

