

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017271.D
 Acq On : 30 Jun 2020 19:34
 Operator : SY/MD
 Sample : L3168-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 01 06:05:39 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	164676	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	166640	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45193	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	39008	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.13	63	69758	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.93	46	128757	51.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	4.38	84	107173	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.06	65	58998	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.08	84	197867	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.10	67	57744	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.34	98	175208	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
45) trans-1,3-Dichloropropene-	7.65	79	24031	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
48) 2-Hexanone-d5	8.12	63	111418	54.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44841	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	74605	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

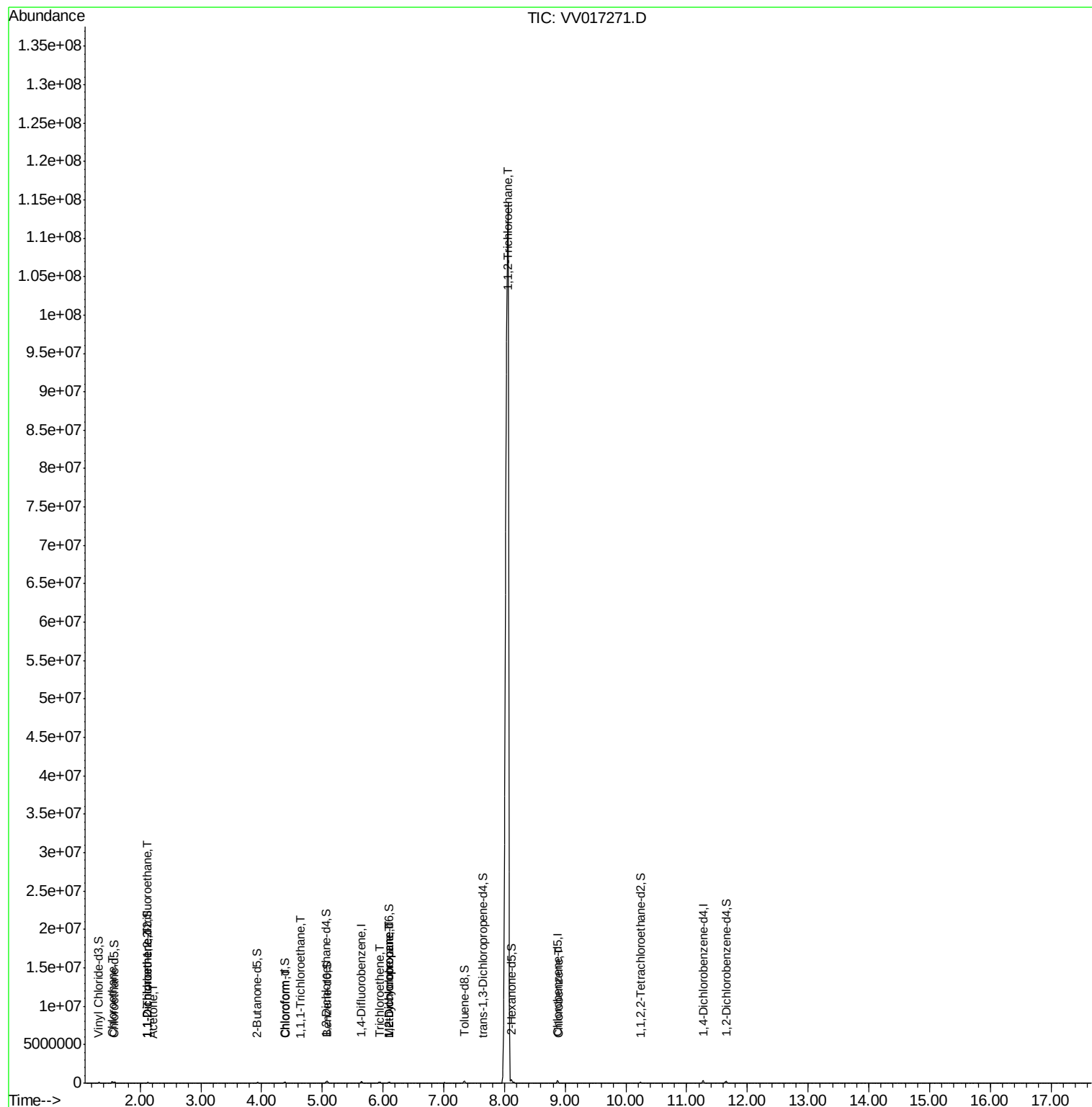
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.54	64	349857	58.584	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	725	0.083	ug/L #	17
12) 1,1-Dichloroethene	2.12	96	825	0.104	ug/L #	1
13) Acetone	2.22	43	4156	3.264	ug/L	86
25) Chloroform	4.40	83	11768	0.573	ug/L	97
29) 1,1,1-Trichloroethane	4.64	97	3270	0.164	ug/L #	77
34) Trichloroethene	5.94	95	59589	4.663	ug/L	95
35) Methylcyclohexane	6.10	83	16335	0.822	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7573	0.701	ug/L #	85
47) 1,1,2-Trichloroethane	8.05	97	613908	80.121	ug/L #	1
53) Chlorobenzene	8.90	112	5687	0.180	ug/L #	85

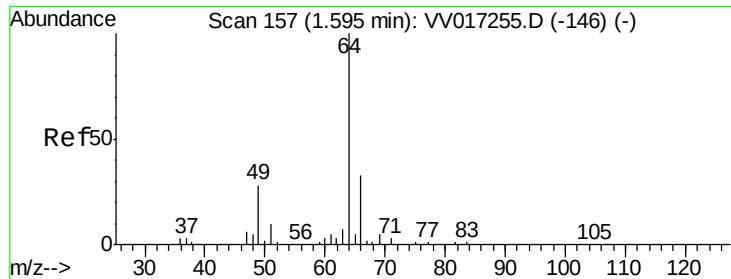
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 58.584 ug/L

RT: 1.54 min Scan# 141

Delta R.T. -0.05 min

Lab File: VV017271.D

Acq: 30 Jun 2020 19:34

Instrument :

MSVOA_V

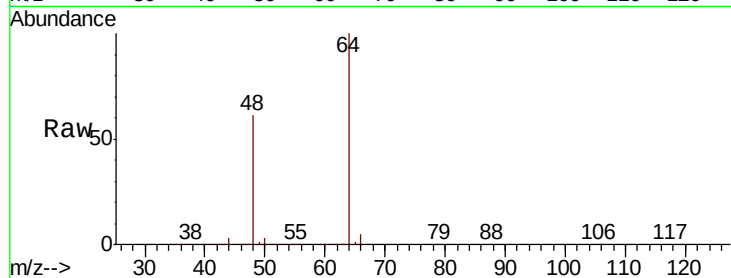
ClientSampled :

Tot Ion: 64 Resp: 349857

Ion Ratio Lower Upper

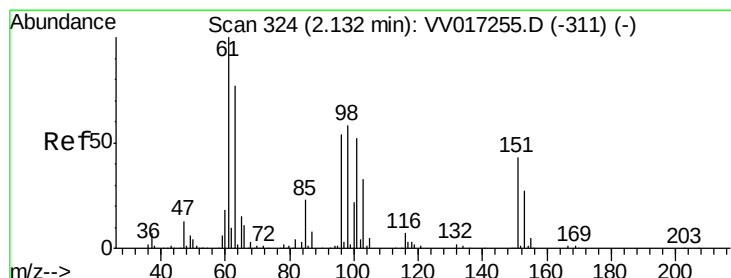
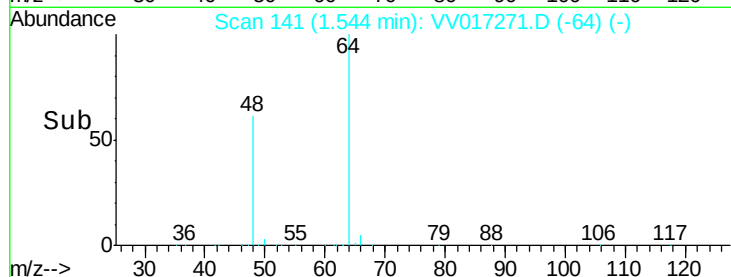
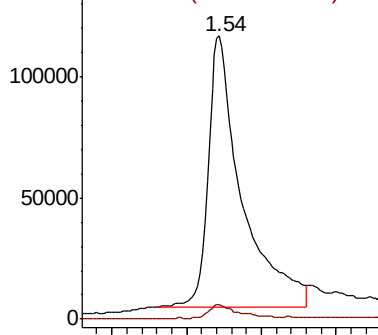
64 100

66 5.0 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#10

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

Concen: 0.083 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017271.D

Acq: 30 Jun 2020 19:34

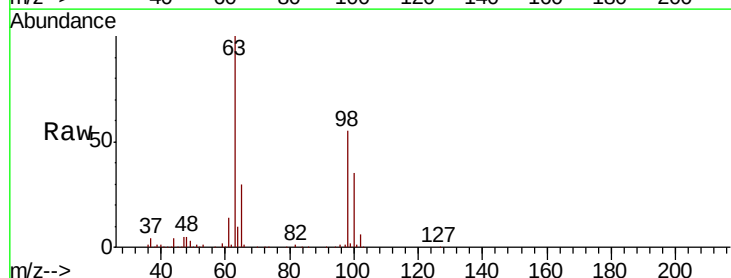
Tgt Ion:101 Resp: 725

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

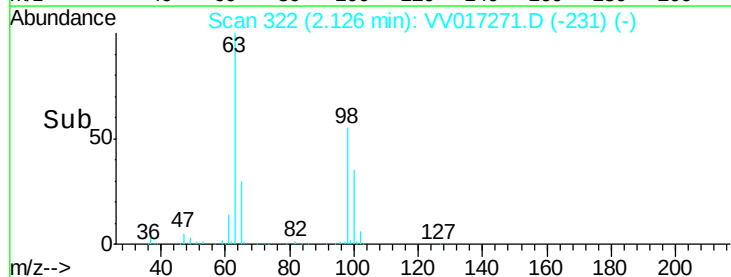
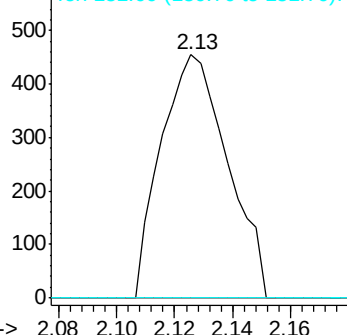
151 0.0 63.9 95.9#

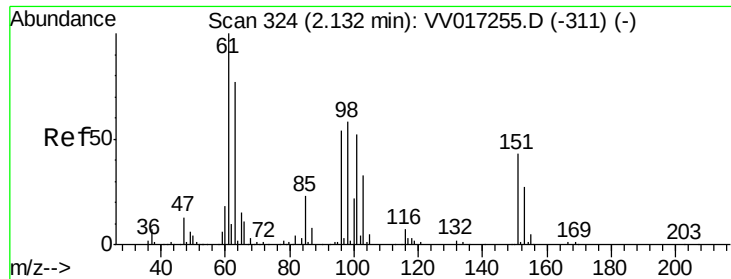


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.104 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017271.D

Acq: 30 Jun 2020 19:34

Instrument :
MSVOA_V
ClientSampleId :

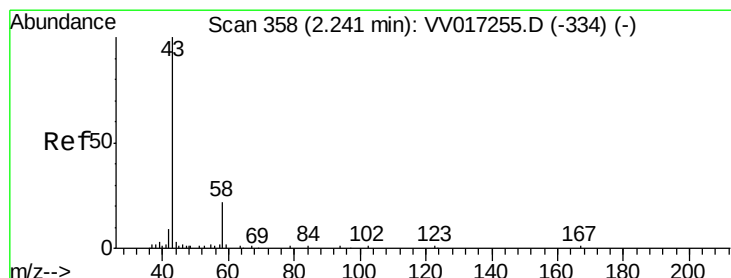
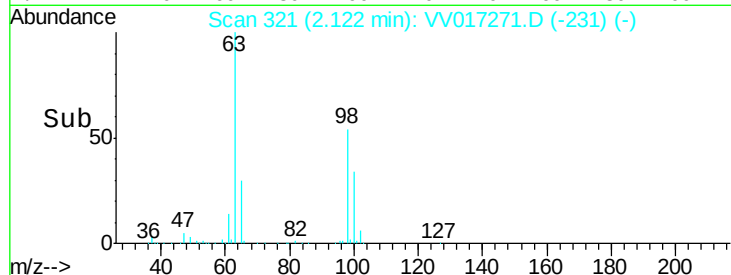
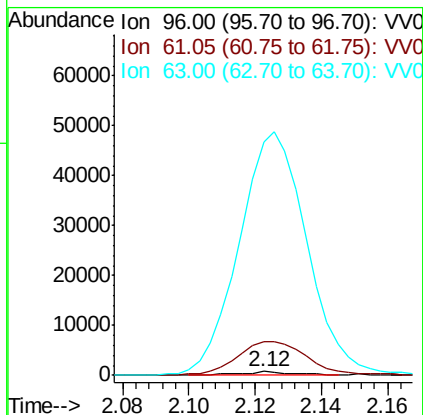
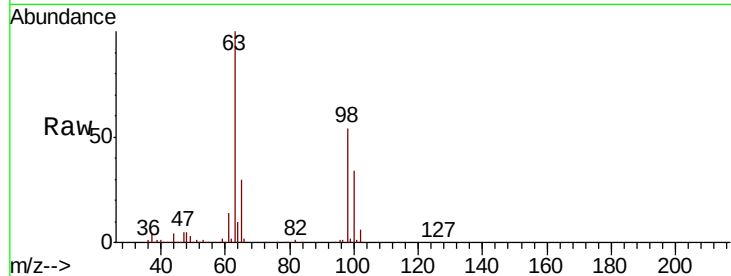
Tot Ion: 96 Resp: 825

Ion Ratio Lower Upper

96 100

61 924.7 125.0 232.2#

63 6417.6 109.8 203.8#



#13

Acetone

Concen: 3.264 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.03 min

Lab File: VV017271.D

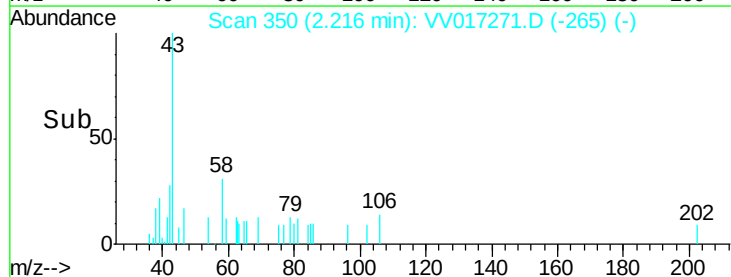
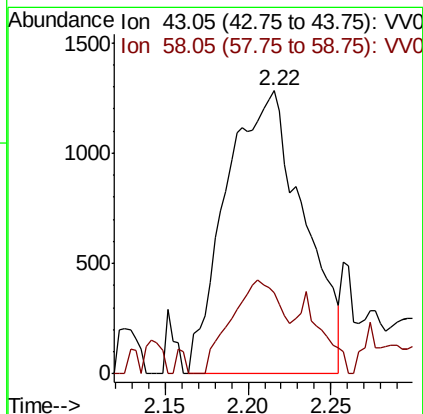
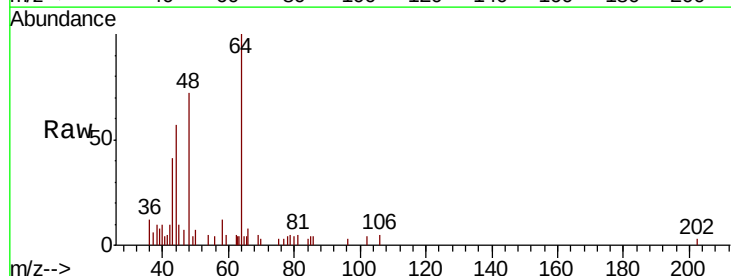
Acq: 30 Jun 2020 19:34

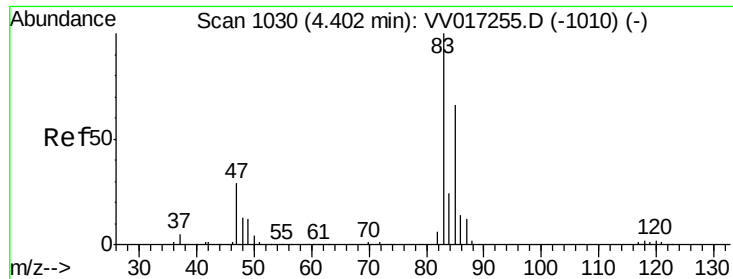
Tgt Ion: 43 Resp: 4156

Ion Ratio Lower Upper

43 100

58 21.7 0.0 58.4

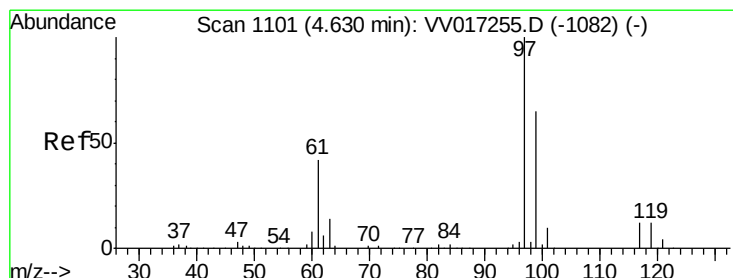
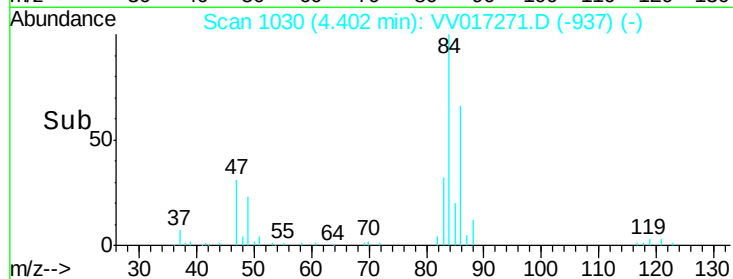
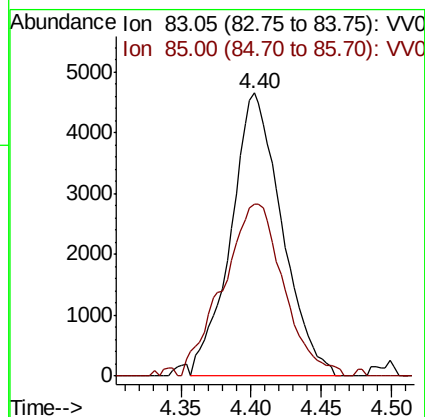
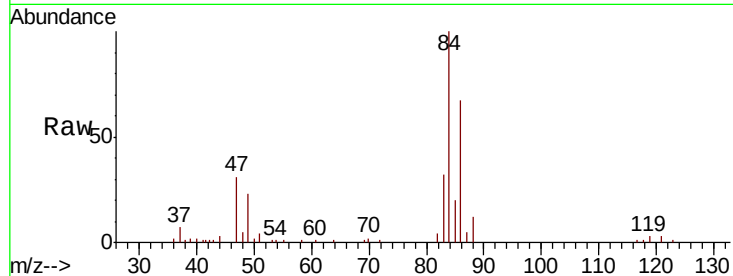




#25
Chloroform
Concen: 0.573 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017271.D
Acq: 30 Jun 2020 19:34

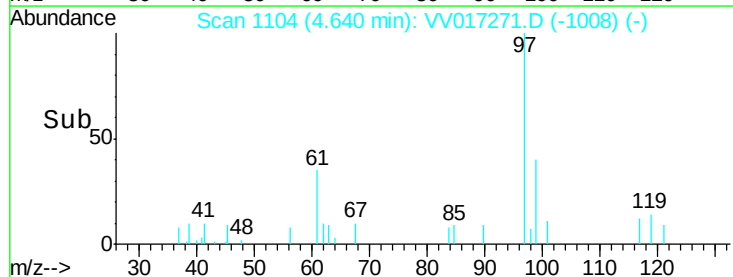
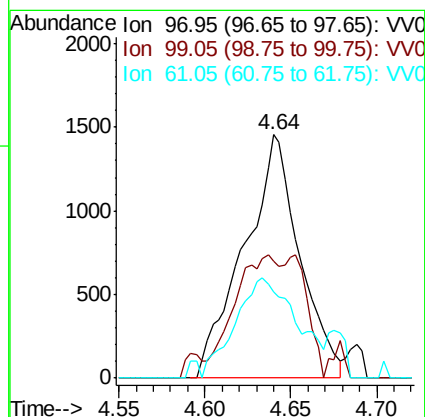
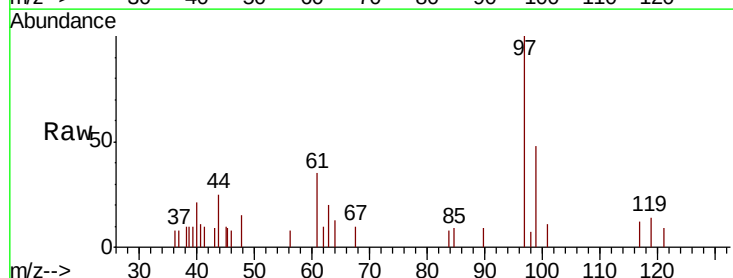
Instrument :
MSVOA_V
ClientSampled :

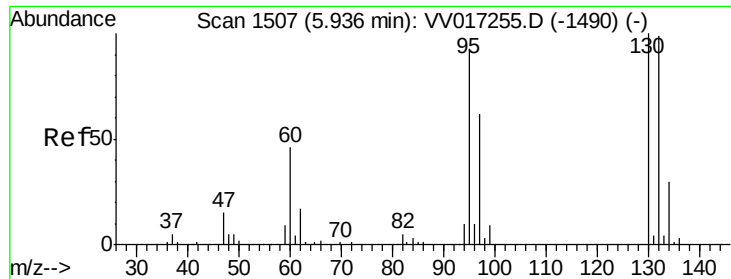
Tot Ion: 83 Resp: 11768
Ion Ratio Lower Upper
83 100
85 60.9 44.2 82.2



#29
1,1,1-Trichloroethane
Concen: 0.164 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VV017271.D
Acq: 30 Jun 2020 19:34

Tgt Ion: 97 Resp: 3270
Ion Ratio Lower Upper
97 100
99 32.5 50.3 75.5#
61 45.5 36.0 54.0





#34

Trichloroethene

Concen: 4.663 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017271.D

Acq: 30 Jun 2020 19:34

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 59589

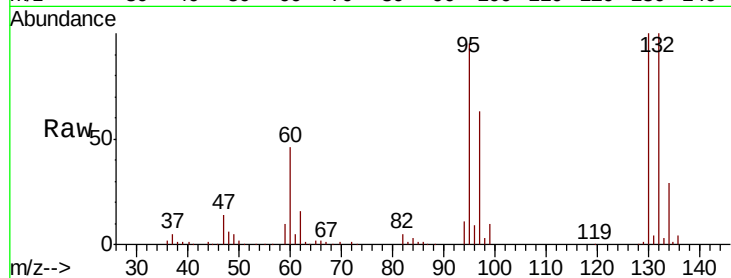
Ion Ratio Lower Upper

95 100

97 66.4 45.3 84.1

132 105.5 68.8 127.8

130 105.6 70.2 130.4

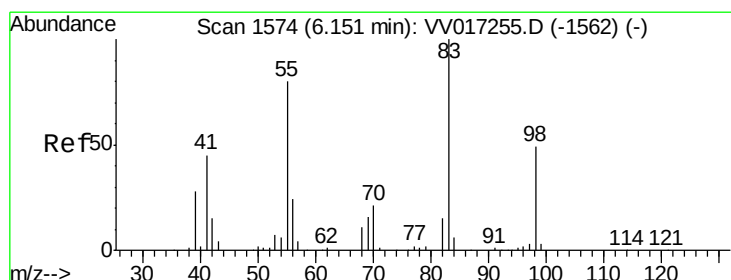
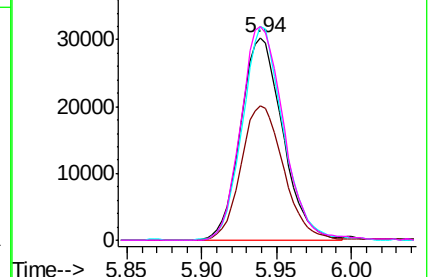
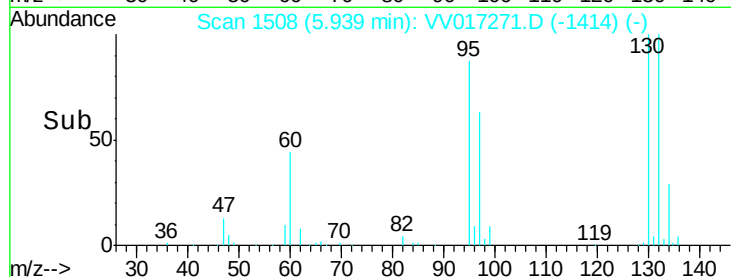


Abundance Ion 95.00 (94.70 to 95.70): VV017271.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV017271.D (-1414) (-)

Ion 131.95 (131.65 to 132.65): VV017271.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV017271.D (-1414) (-)



#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017271.D

Acq: 30 Jun 2020 19:34

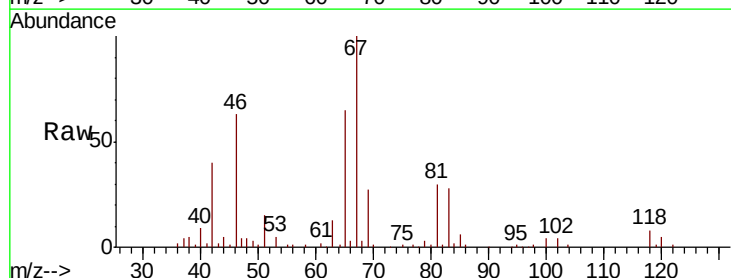
Tgt Ion: 83 Resp: 16335

Ion Ratio Lower Upper

83 100

55 1.1 63.6 95.4#

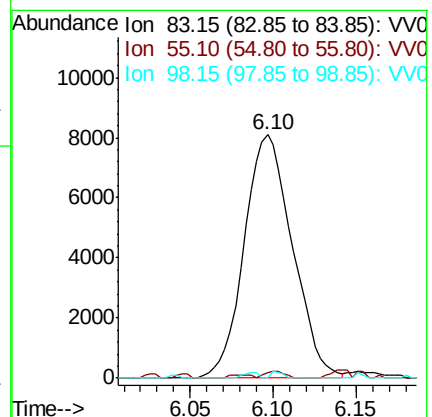
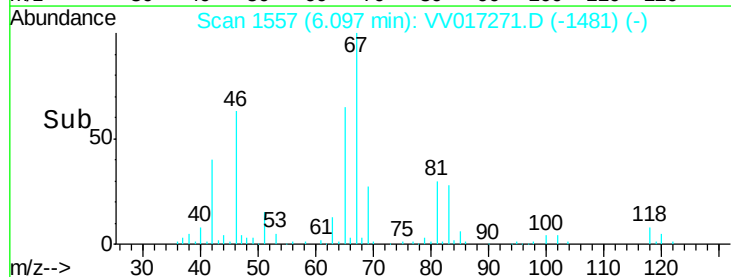
98 0.6 38.8 58.2#

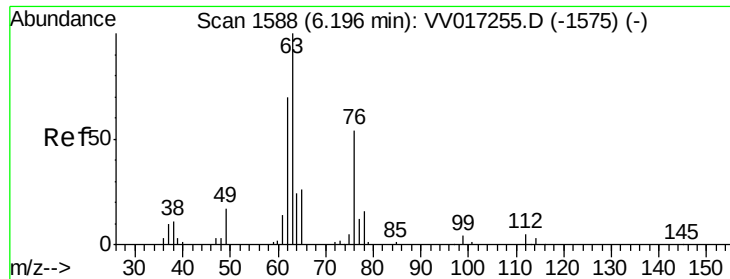


Abundance Ion 83.15 (82.85 to 83.85): VV017271.D (-1481) (-)

Ion 55.10 (54.80 to 55.80): VV017271.D (-1481) (-)

Ion 98.15 (97.85 to 98.85): VV017271.D (-1481) (-)





#37

1,2-Dichloropropane

Concen: 0.701 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV017271.D

Acq: 30 Jun 2020 19:34

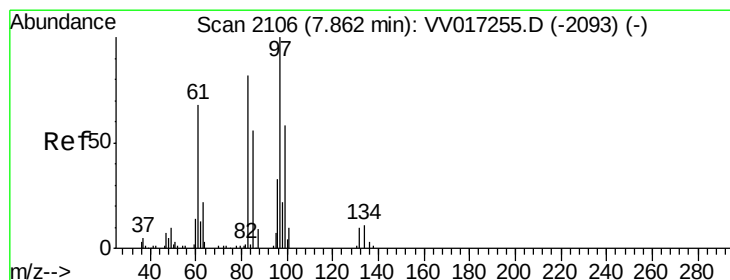
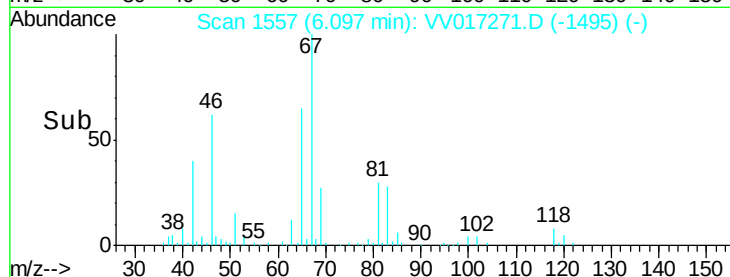
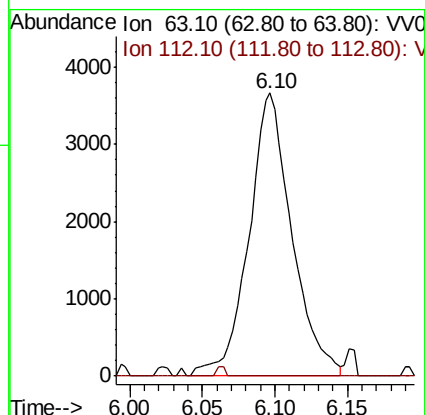
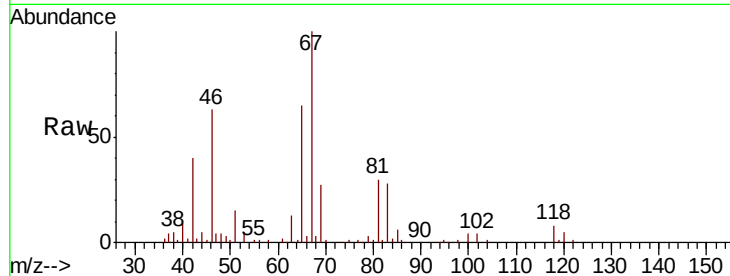
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 7573

Ion Ratio Lower Upper

63 100

112 0.6 4.4 6.6#



#47

1,1,2-Trichloroethane

Concen: 80.121 ug/L

RT: 8.05 min Scan# 2166

Delta R.T. 0.19 min

Lab File: VV017271.D

Acq: 30 Jun 2020 19:34

Tgt Ion: 97 Resp: 613908

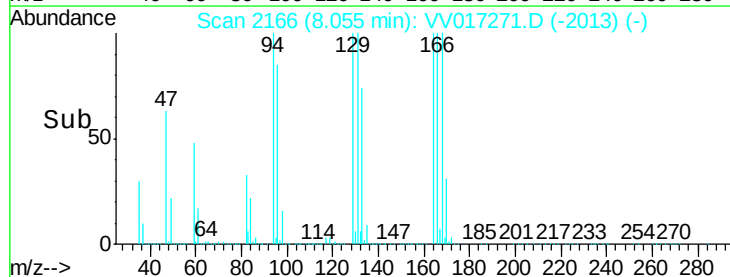
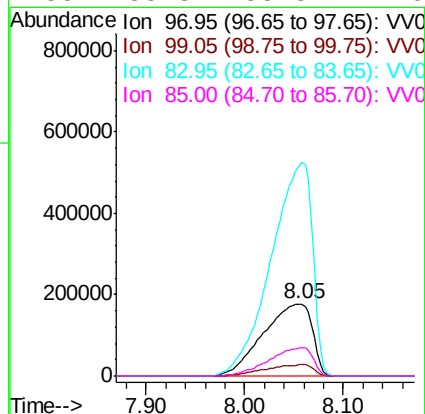
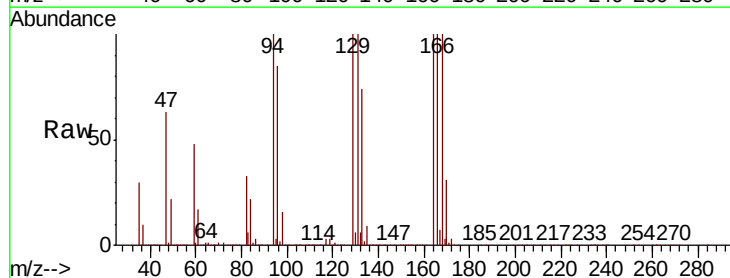
Ion Ratio Lower Upper

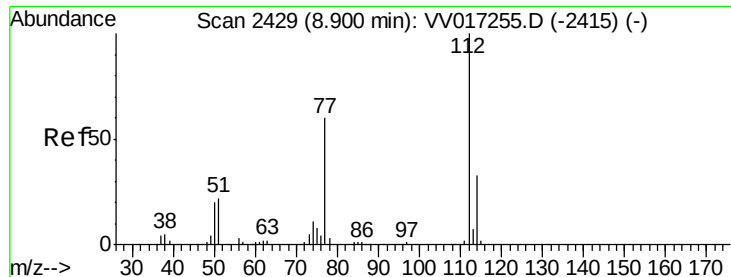
97 100

99 15.1 43.6 81.0#

83 290.8 57.4 106.6#

85 38.8 38.8 72.0





#53
 Chlorobenzene
 Concen: 0.180 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV017271.D
 Acq: 30 Jun 2020 19:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
114	36.0	22.0	41.0
77	71.0	46.0	69.0

