

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017133.D
 Acq On : 25 Jun 2020 17:35
 Operator : SY/MD
 Sample : L3106-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM5

Quant Time: Jun 26 03:37:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	169005	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165480	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76414	5.00	ug/L	0.00

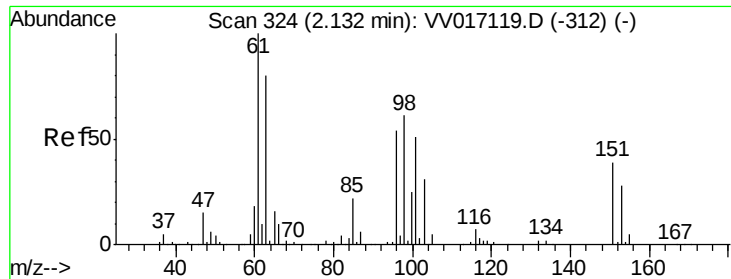
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53548	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	40577	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.13	63	80856	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.93	46	125299	48.47	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.94%
24) Chloroform-d	4.38	84	112128	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.06	65	59191	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.08	84	207110	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.09	67	59465	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.34	98	182544	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
45) trans-1,3-Dichloropropene-	7.64	79	23493	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
48) 2-Hexanone-d5	8.11	63	88004	43.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41325	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	72429	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	7544	0.930	ug/L	# 1
13) Acetone	2.21	43	11756	8.996	ug/L	72
18) trans-1,2-Dichloroethene	2.78	96	4437	0.516	ug/L	96
19) 1,1-Dichloroethane	3.21	63	138964	7.196	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	108025	9.191	ug/L	99
25) Chloroform	4.41	83	51035	2.419	ug/L	99
27) 1,2-Dichloroethane	5.16	62	11949	0.912	ug/L	96
29) 1,1,1-Trichloroethane	4.63	97	33643	1.697	ug/L	97
30) Cyclohexane	4.70	56	7390	0.392	ug/L	96
34) Trichloroethene	5.94	95	12935	1.019	ug/L	92
47) 1,1,2-Trichloroethane	7.86	97	10925	1.436	ug/L	96

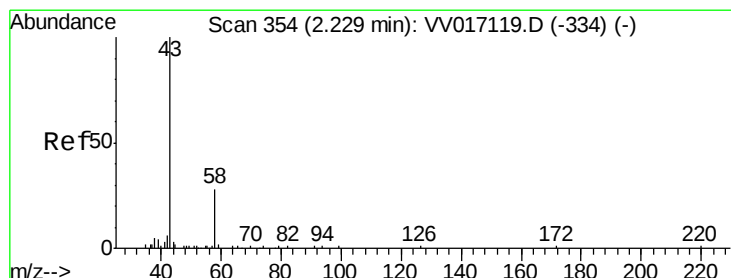
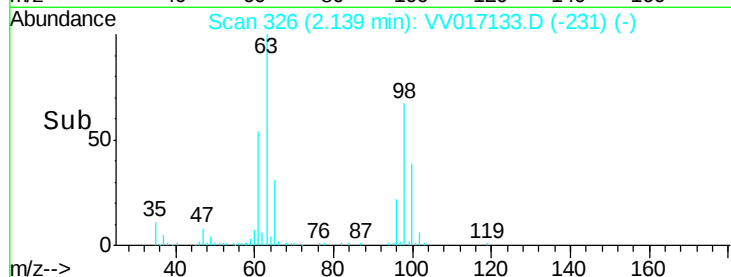
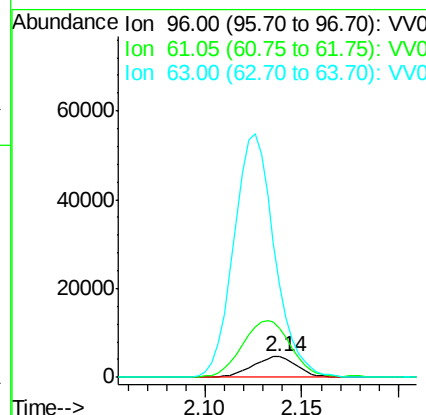
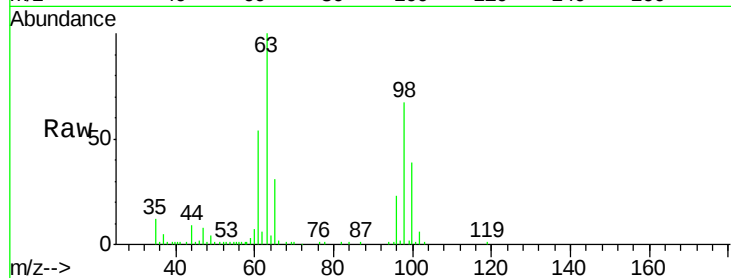
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
 1,1-Dichloroethene
 Concen: 0.930 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VV017133.D
 Acq: 25 Jun 2020 17:35

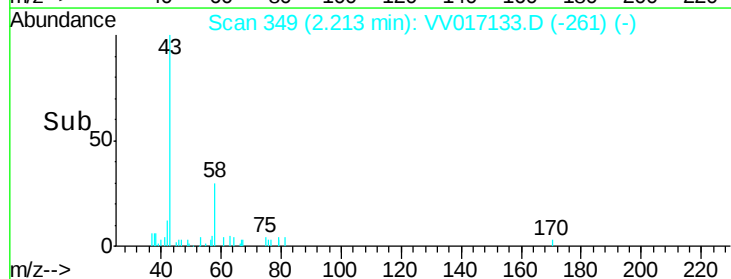
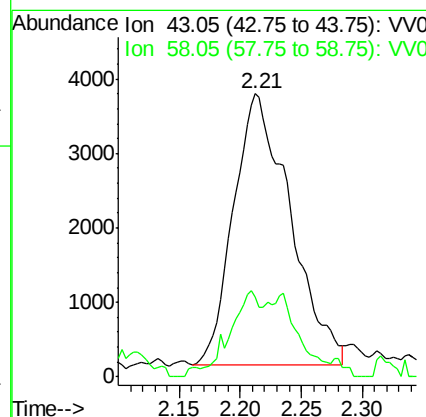
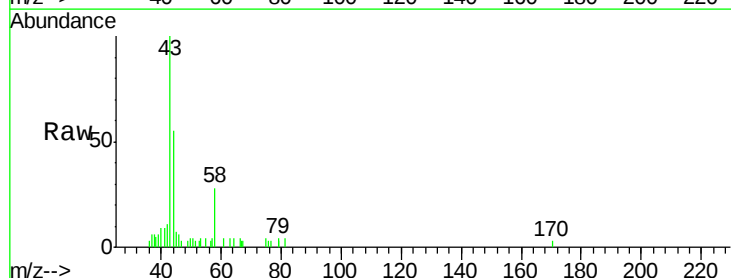
Instrument :
 MSVOA_V
 ClientSampled :
 BFXM5

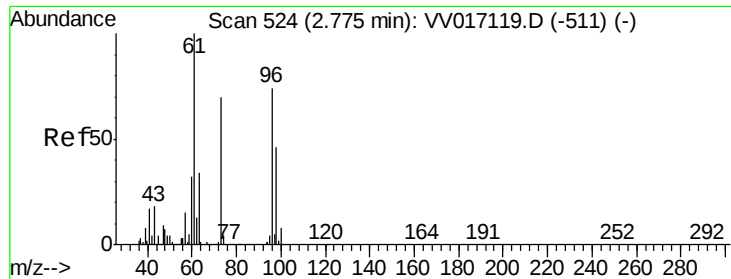
Tot Ion	Ratio	Lower	Upper
96	100		
61	238.3	125.0	232.2#
63	444.1	109.8	203.8#



#13
 Acetone
 Concen: 8.996 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. -0.02 min
 Lab File: VV017133.D
 Acq: 25 Jun 2020 17:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	14.4	0.0	58.4





#18

trans-1,2-Dichloroethene

Concen: 0.516 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017133.D

Acq: 25 Jun 2020 17:35

Instrument :

MSVOA_V

ClientSampleId :

BFXM5

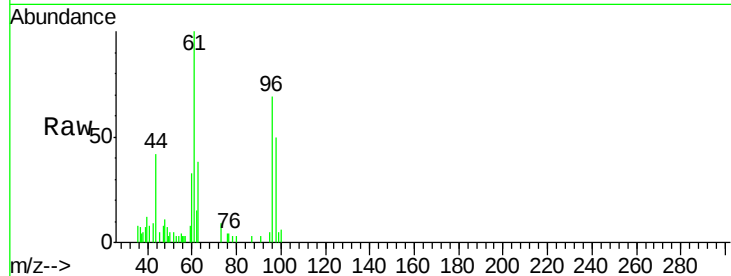
Tot Ion: 96 Resp: 4437

Ion Ratio Lower Upper

96 100

61 144.3 102.3 189.9

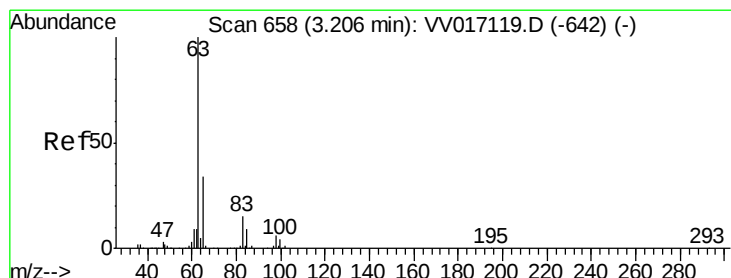
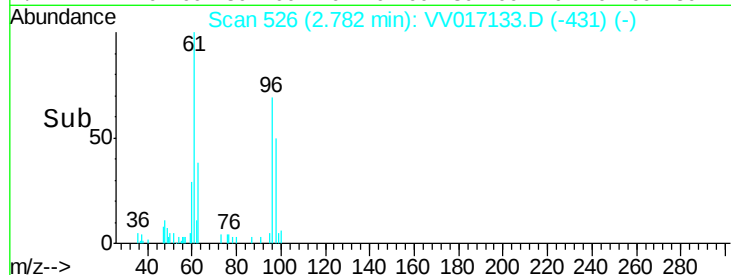
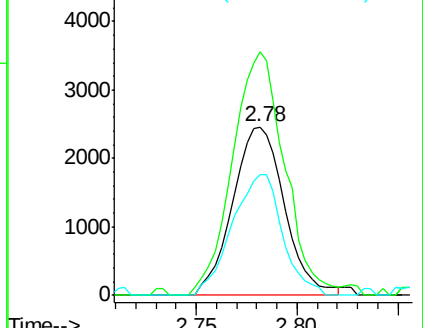
98 71.8 44.7 82.9



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#19

1,1-Dichloroethane

Concen: 7.196 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.01 min

Lab File: VV017133.D

Acq: 25 Jun 2020 17:35

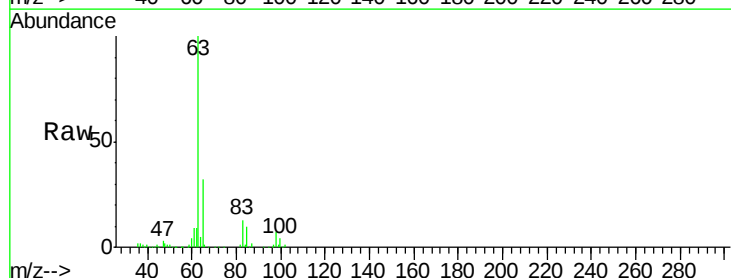
Tgt Ion: 63 Resp: 138964

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.4

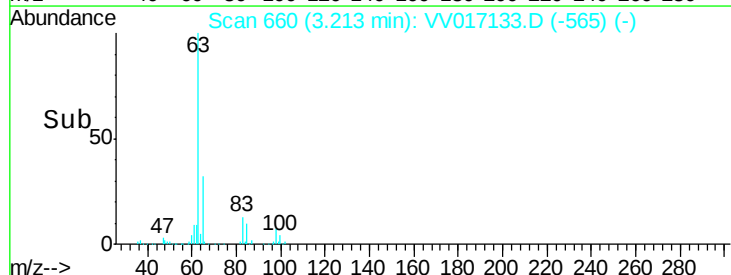
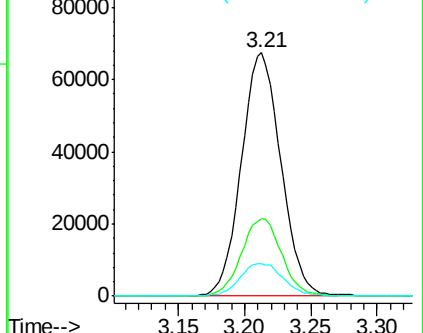
83 13.1 9.7 17.9

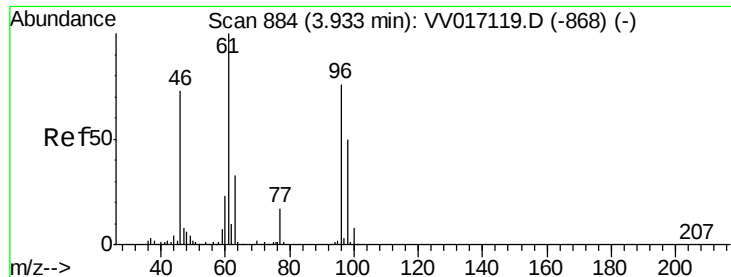


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

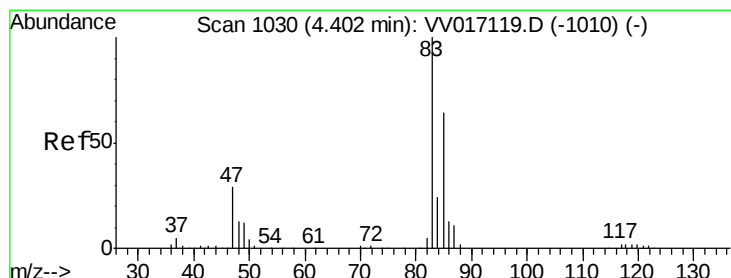
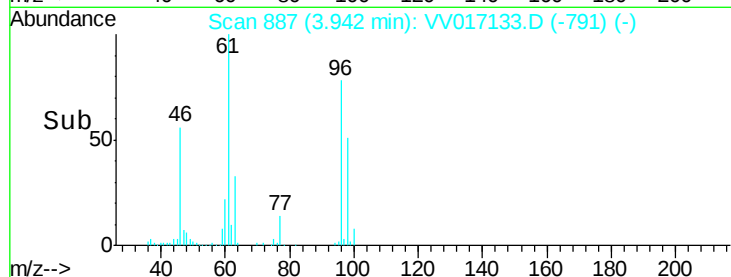
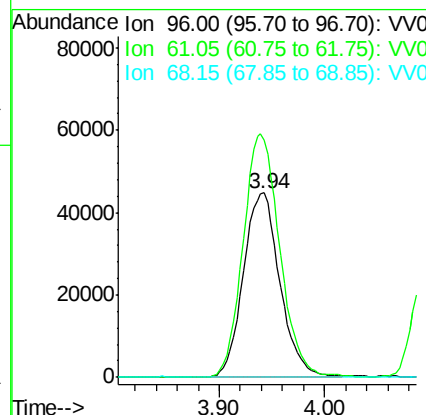
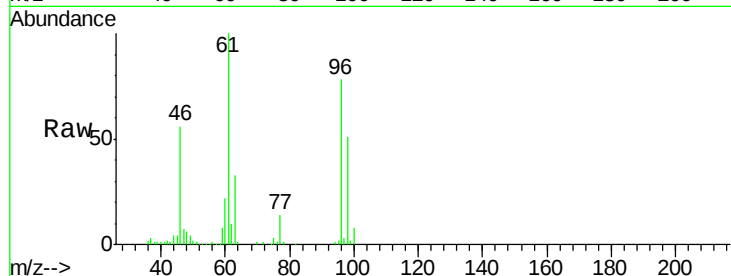




#22
 cis-1,2-Dichloroethene
 Concen: 9.191 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017133.D
 Acq: 25 Jun 2020 17:35

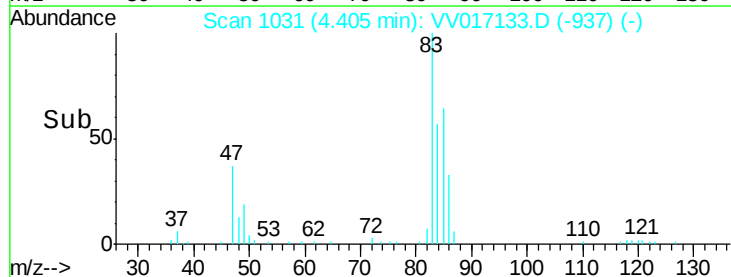
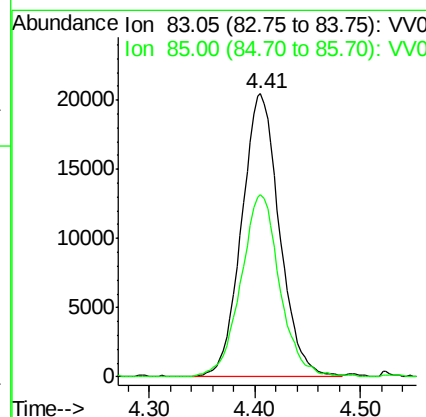
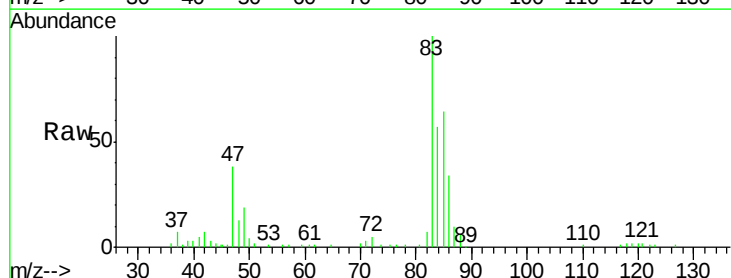
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM5

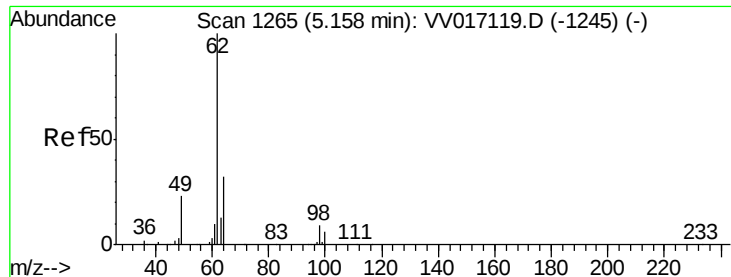
Tot Ion: 96 Resp: 108025
 Ion Ratio Lower Upper
 96 100
 61 128.3 91.0 169.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.419 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VV017133.D
 Acq: 25 Jun 2020 17:35

Tgt Ion: 83 Resp: 51035
 Ion Ratio Lower Upper
 83 100
 85 64.2 44.2 82.2





#27

1,2-Dichloroethane

Concen: 0.912 ug/L

RT: 5.16 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VV017133.D

Acq: 25 Jun 2020 17:35

Instrument :

MSVOA_V

ClientSampleId :

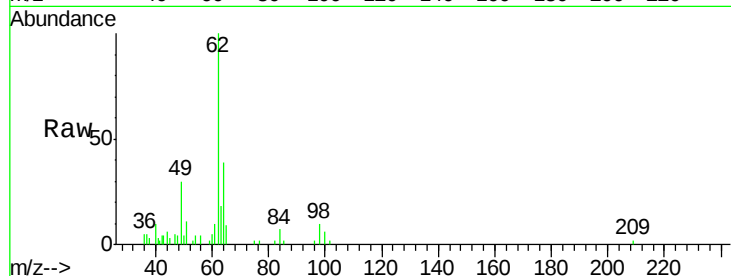
BFXM5

Tot Ion: 62 Resp: 11949

Ion Ratio Lower Upper

62 100

98 9.7 6.7 10.1



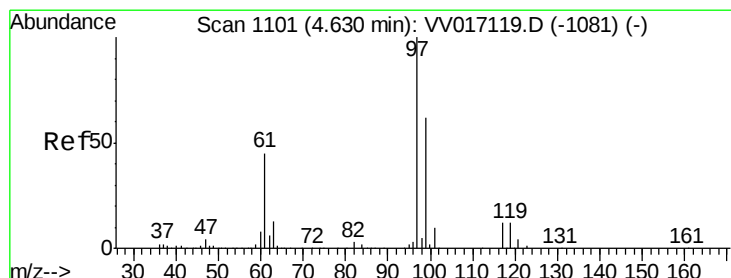
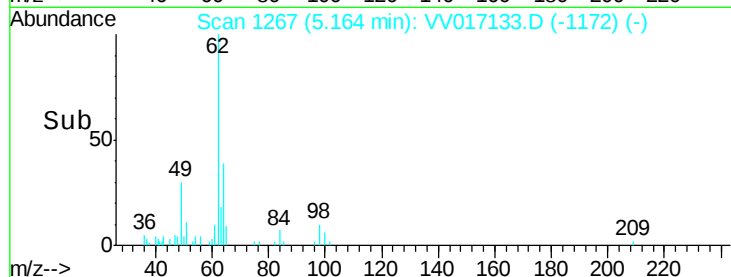
Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.16

5.10 5.15 5.20 5.25

Time-->



#29

1,1,1-Trichloroethane

Concen: 1.697 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV017133.D

Acq: 25 Jun 2020 17:35

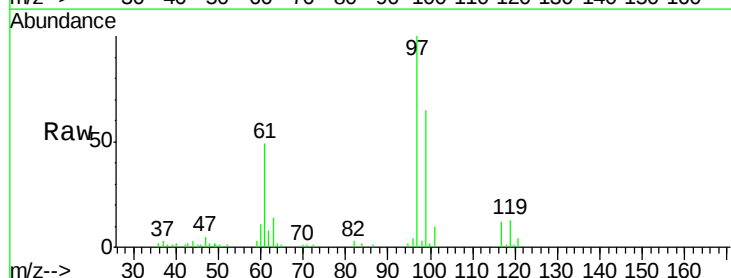
Tgt Ion: 97 Resp: 33643

Ion Ratio Lower Upper

97 100

99 66.7 50.3 75.5

61 45.6 36.0 54.0



Abundance Ion 96.95 (96.65 to 97.65): VV0

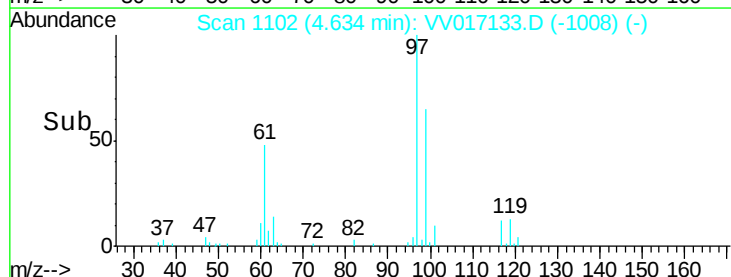
Ion 99.05 (98.75 to 99.75): VV0

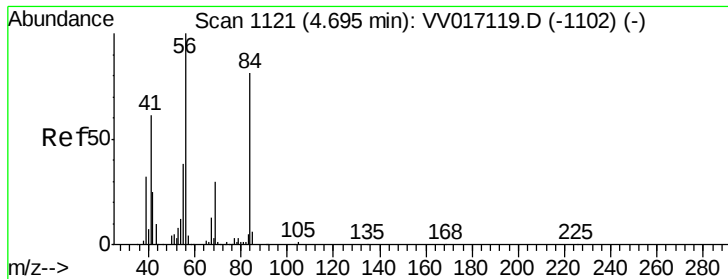
Ion 61.05 (60.75 to 61.75): VV0

4.63

4.55 4.60 4.65 4.70 4.75

Time-->

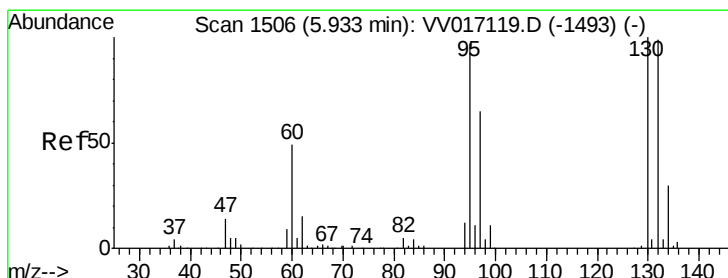
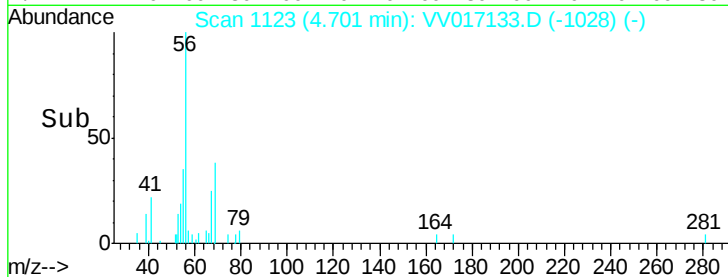
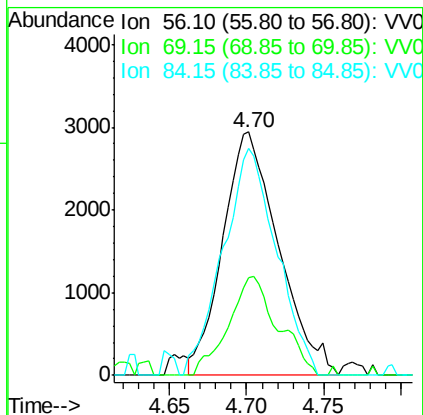
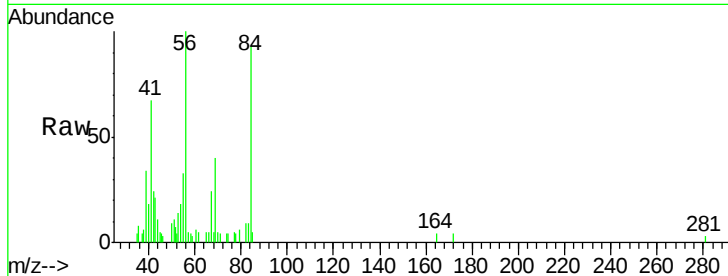




#30
Cyclohexane
Concen: 0.392 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VV017133.D
Acq: 25 Jun 2020 17:35

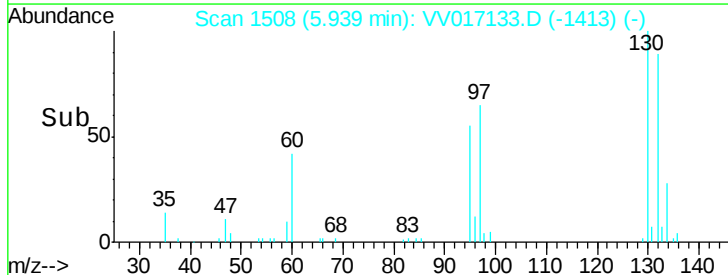
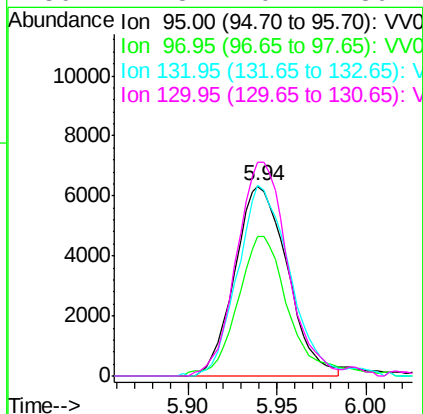
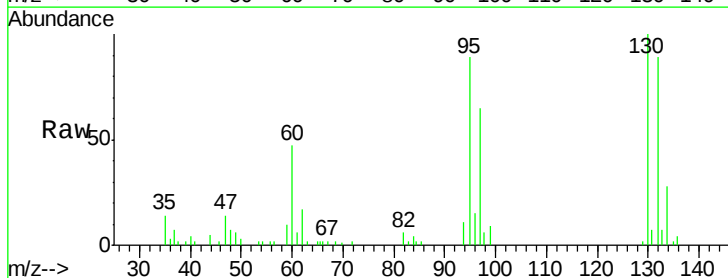
Instrument :
MSVOA_V
ClientSampleId :
BFXM5

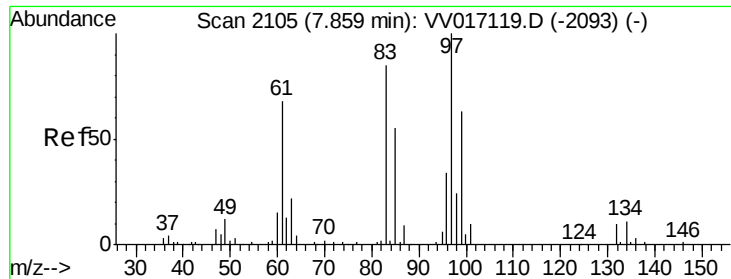
Tot Ion: 56 Resp: 7390
Ion Ratio Lower Upper
56 100
69 36.0 24.4 36.6
84 89.4 69.9 104.9



#34
Trichloroethene
Concen: 1.019 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VV017133.D
Acq: 25 Jun 2020 17:35

Tgt Ion: 95 Resp: 12935
Ion Ratio Lower Upper
95 100
97 73.3 45.3 84.1
132 100.8 68.8 127.8
130 112.8 70.2 130.4





#47
 1,1,2-Trichloroethane
 Concen: 1.436 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV017133.D
 Acq: 25 Jun 2020 17:35

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM5

Tot Ion:	97	Resp:	10925
Ion	Ratio	Lower	Upper
97	100		
99	59.6	43.6	81.0
83	85.7	57.4	106.6
85	59.3	38.8	72.0

