

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017126.D
 Acq On : 25 Jun 2020 14:47
 Operator : SY/MD
 Sample : L3105-13DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL6DL

Quant Time: Jun 26 01:35:10 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	177987	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171564	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52991	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.58	69	39931	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.12	63	78183	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.96	46	114025	41.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.76%
24) Chloroform-d	4.38	84	112115	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	59357	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.07	84	207508	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.10	67	60939	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.34	98	182055	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
45) trans-1,3-Dichloropropene-	7.64	79	23755	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
48) 2-Hexanone-d5	8.11	63	87867	41.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41364	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	71762	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

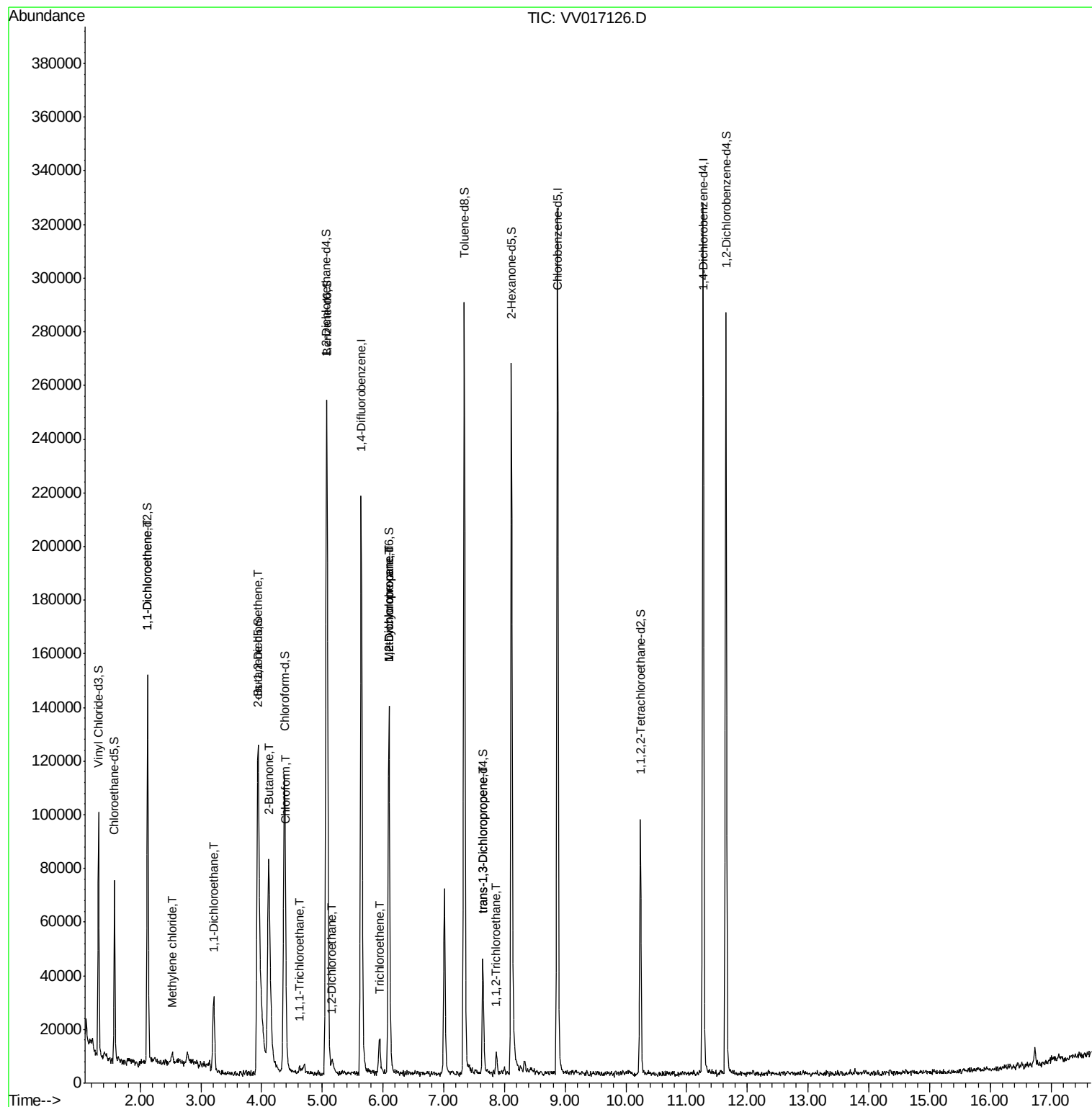
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	1646	0.193	ug/L #	1
16) Methylene chloride	2.52	84	1471	0.161	ug/L	74
19) 1,1-Dichloroethane	3.21	63	27751	1.364	ug/L	98
21) 2-Butanone	4.12	43	149839	57.756	ug/L #	50
22) cis-1,2-Dichloroethene	3.94	96	47713	3.855	ug/L #	99
25) Chloroform	4.40	83	4356	0.196	ug/L	96
27) 1,2-Dichloroethane	5.16	62	2022	0.147	ug/L	96
29) 1,1,1-Trichloroethane	4.63	97	1720	0.084	ug/L	97
34) Trichloroethene	5.95	95	4355	0.331	ug/L	88
35) Methylcyclohexane	6.09	83	16445	0.804	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	8207	0.738	ug/L #	85
46) trans-1,3-Dichloropropene	7.64	75	1155	0.081	ug/L	87
47) 1,1,2-Trichloroethane	7.87	97	2340	0.297	ug/L	95

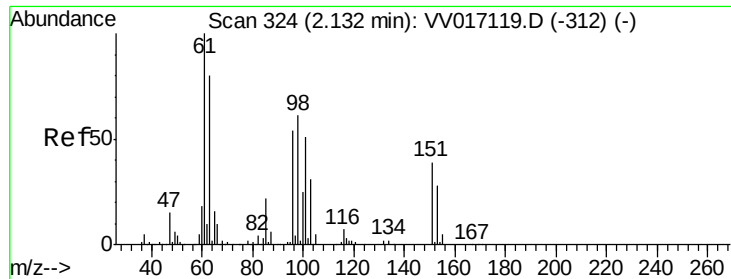
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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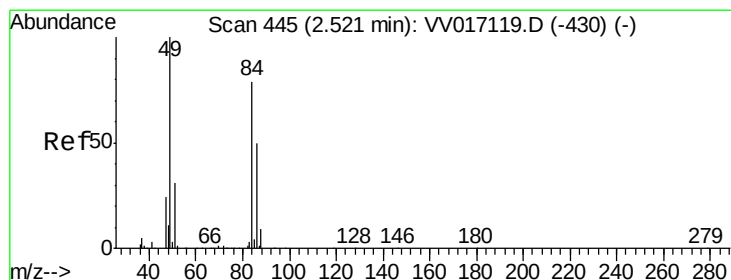
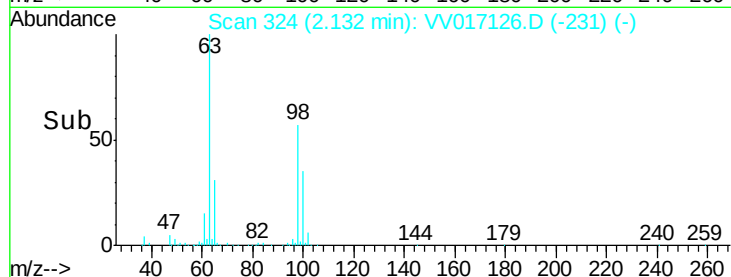
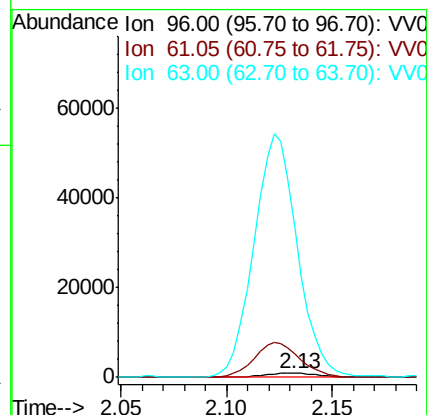
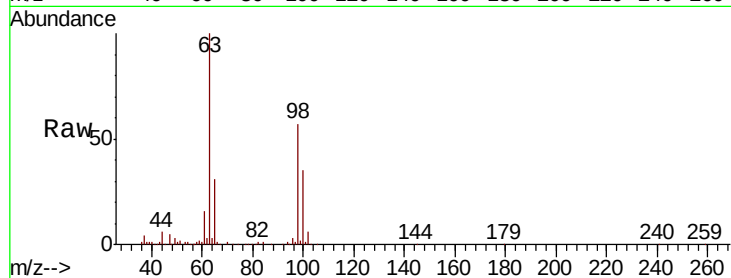




#12
 1,1-Dichloroethene
 Concen: 0.193 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV017126.D
 Acq: 25 Jun 2020 14:47

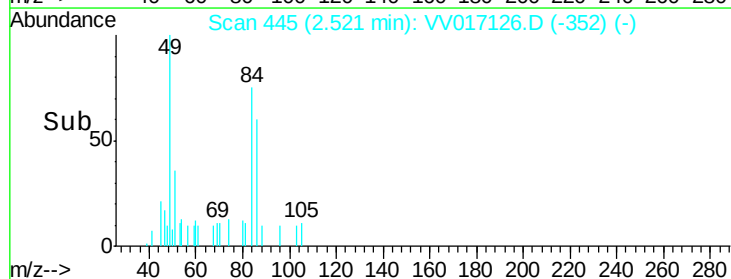
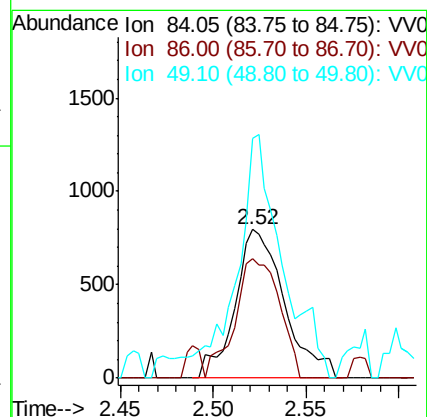
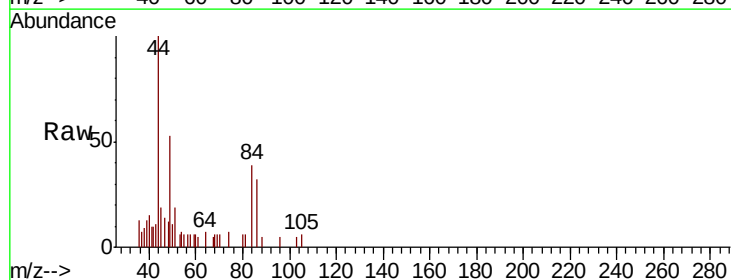
Instrument :
 MSVOA_V
 ClientSampleID :
 BFXL6DL

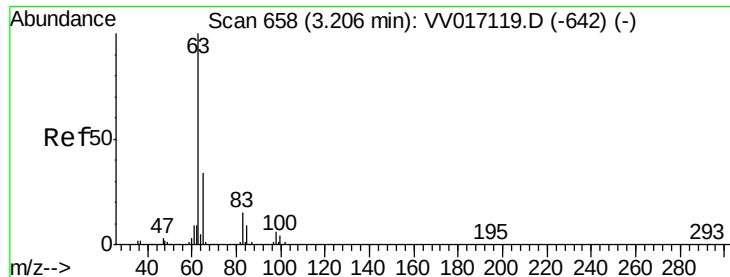
Tot Ion: 96 Resp: 1646
 Ion Ratio Lower Upper
 96 100
 61 573.7 125.0 232.2#
 63 3640.9 109.8 203.8#



#16
 Methylene chloride
 Concen: 0.161 ug/L
 RT: 2.52 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: VV017126.D
 Acq: 25 Jun 2020 14:47

Tgt Ion: 84 Resp: 1471
 Ion Ratio Lower Upper
 84 100
 86 80.6 45.8 85.0
 49 161.9 89.6 166.4

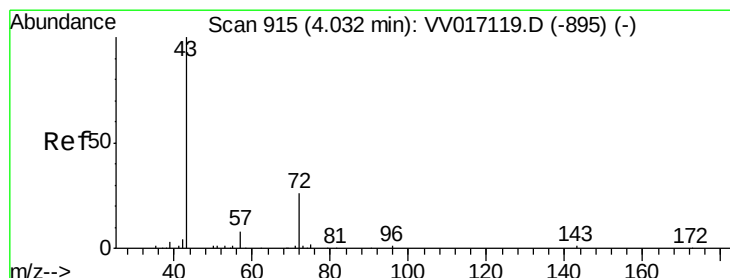
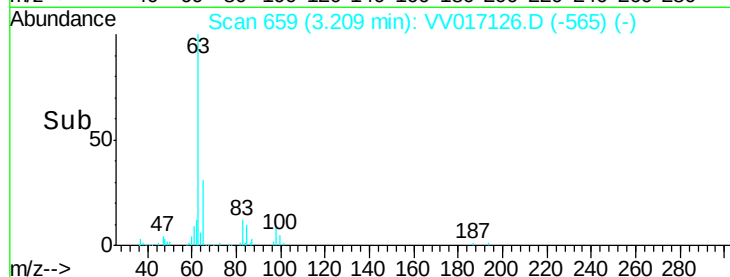
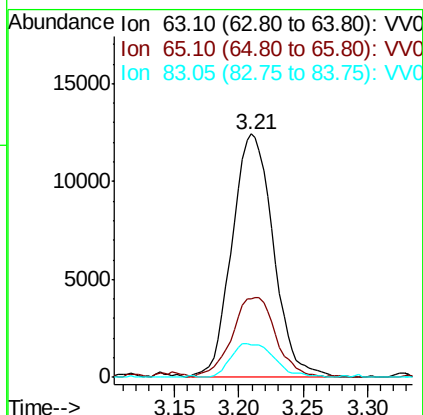
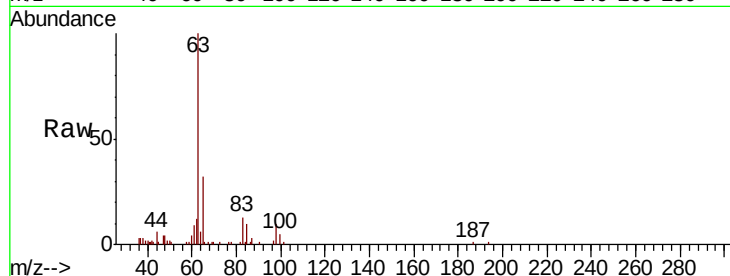




#19
 1,1-Dichloroethane
 Concen: 1.364 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017126.D
 Acq: 25 Jun 2020 14:47

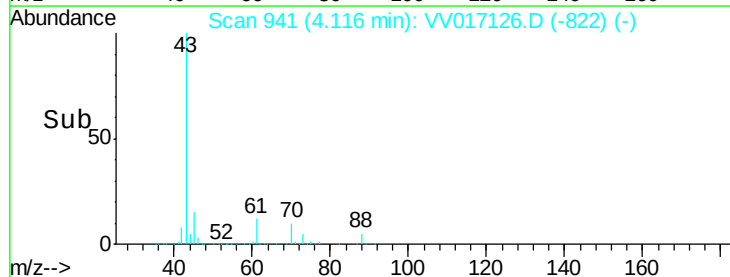
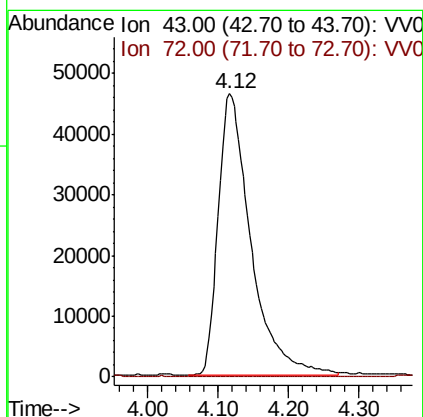
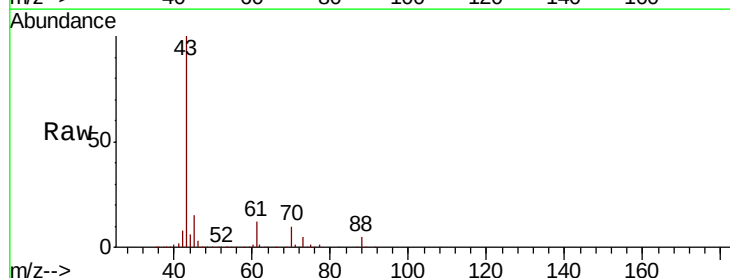
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL6DL

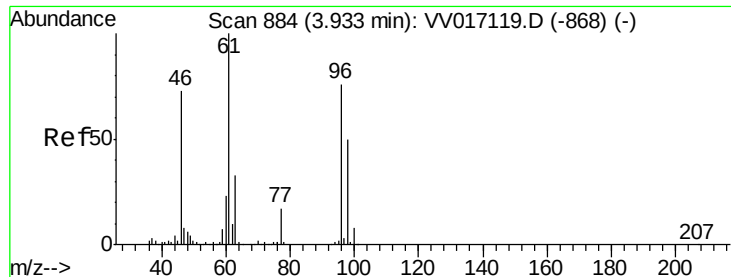
Tot Ion: 63 Resp: 27751
 Ion Ratio Lower Upper
 63 100
 65 32.4 21.8 40.4
 83 13.3 9.7 17.9



#21
 2-Butanone
 Concen: 57.756 ug/L
 RT: 4.12 min Scan# 941
 Delta R.T. 0.08 min
 Lab File: VV017126.D
 Acq: 25 Jun 2020 14:47

Tgt Ion: 43 Resp: 149839
 Ion Ratio Lower Upper
 43 100
 72 0.1 12.4 37.4#





#22

cis-1,2-Dichloroethene

Concen: 3.855 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017126.D

Acq: 25 Jun 2020 14:47

Instrument :

MSVOA_V

ClientSampleId :

BFXL6DL

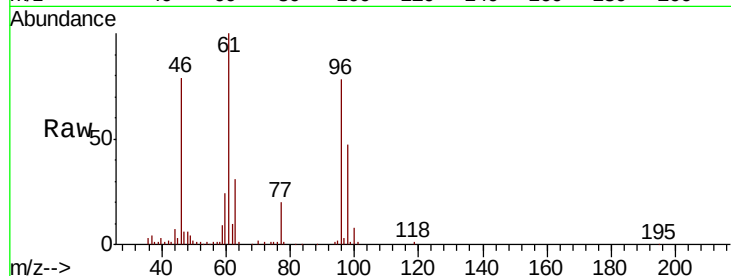
Tot Ion: 96 Resp: 47713

Ion Ratio Lower Upper

96 100

61 128.9 91.0 169.0

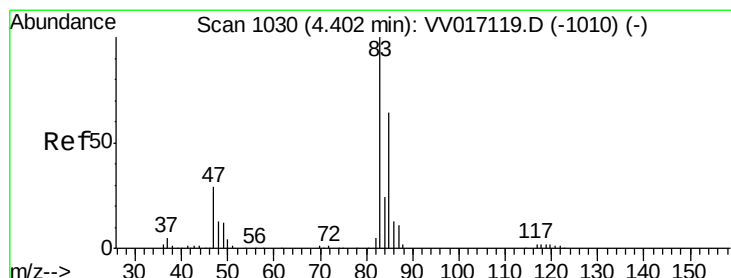
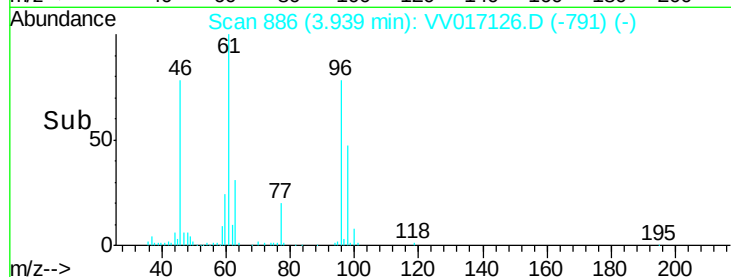
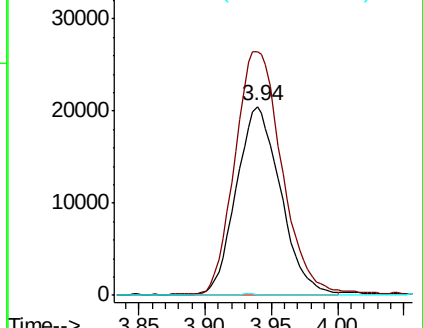
68 0.6 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VV017119.D (-868) (-)

Ion 61.05 (60.75 to 61.75): VV017119.D (-868) (-)

Ion 68.15 (67.85 to 68.85): VV017119.D (-868) (-)



#25

Chloroform

Concen: 0.196 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV017126.D

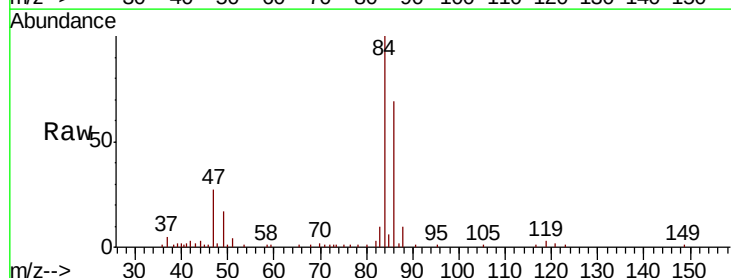
Acq: 25 Jun 2020 14:47

Tgt Ion: 83 Resp: 4356

Ion Ratio Lower Upper

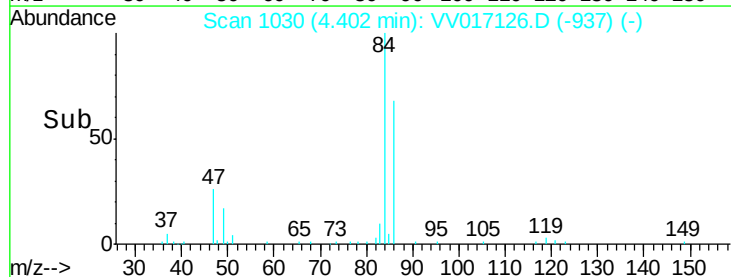
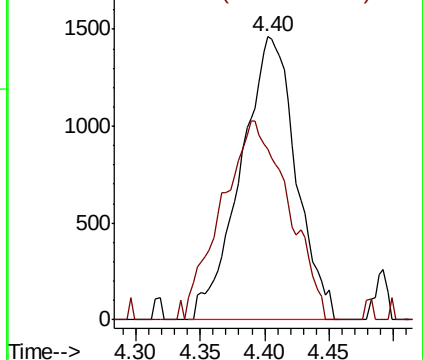
83 100

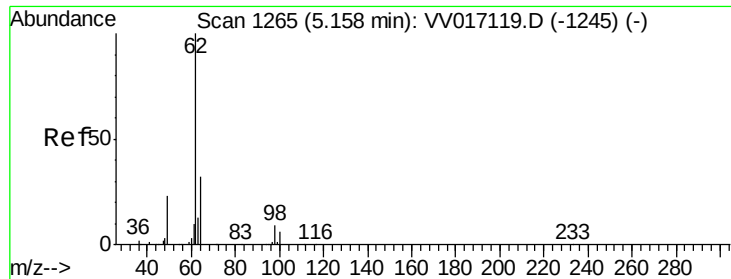
85 60.3 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV017119.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV017119.D (-1010) (-)

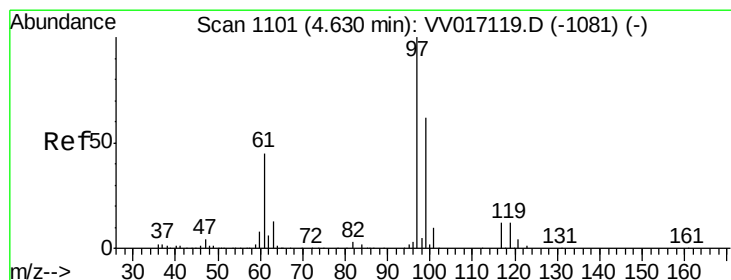
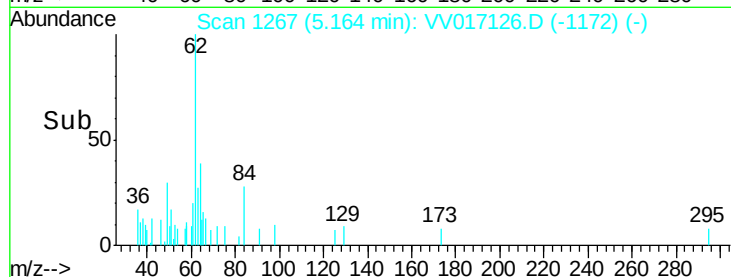
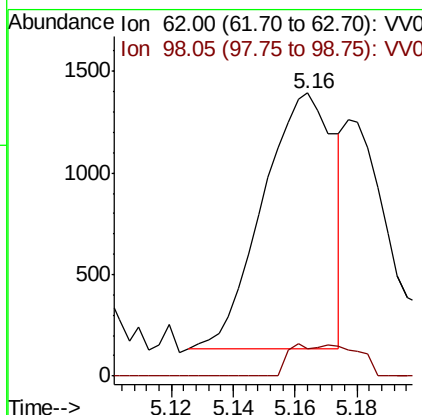
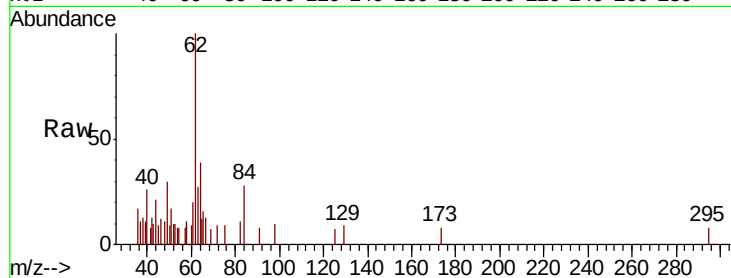




#27
 1,2-Dichloroethane
 Concen: 0.147 ug/L
 RT: 5.16 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: VV017126.D
 Acq: 25 Jun 2020 14:47

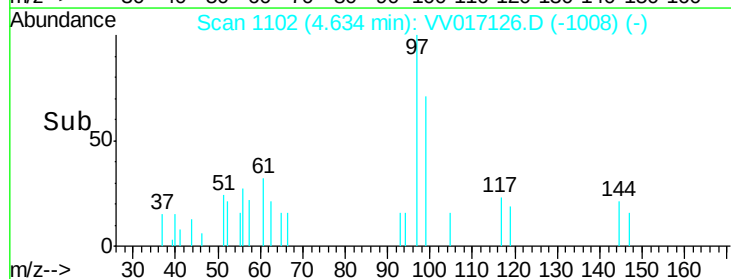
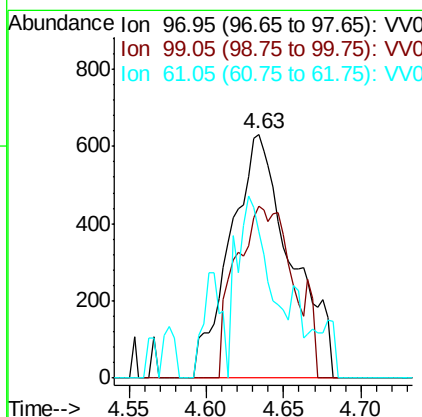
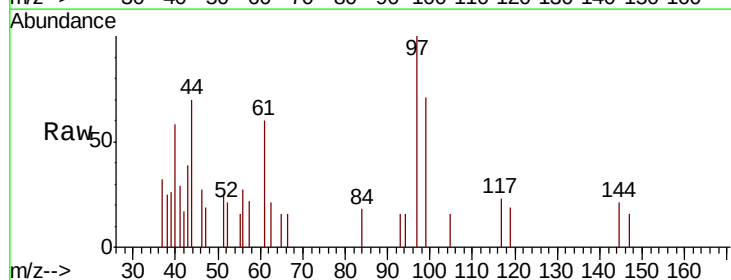
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL6DL

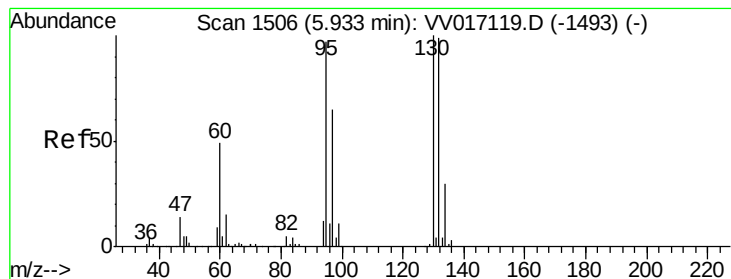
Tot Ion: 62 Resp: 2022
 Ion Ratio Lower Upper
 62 100
 98 9.8 6.7 10.1



#29
 1,1,1-Trichloroethane
 Concen: 0.084 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV017126.D
 Acq: 25 Jun 2020 14:47

Tgt Ion: 97 Resp: 1720
 Ion Ratio Lower Upper
 97 100
 99 62.4 50.3 75.5
 61 40.5 36.0 54.0





#34

Trichloroethene

Concen: 0.331 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017126.D

Acq: 25 Jun 2020 14:47

Instrument :

MSVOA_V

ClientSampled :

BFXL6DL

Tot Ion: 95 Resp: 4355

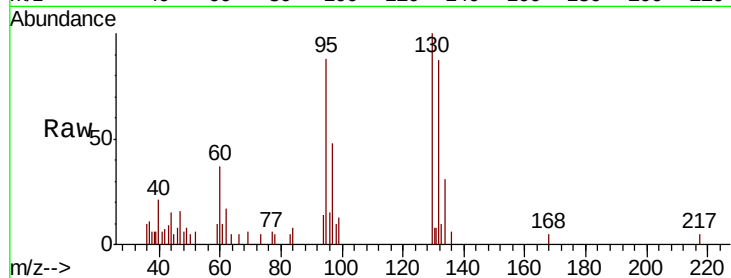
Ion Ratio Lower Upper

95 100

97 54.4 45.3 84.1

132 99.6 68.8 127.8

130 122.8 70.2 130.4

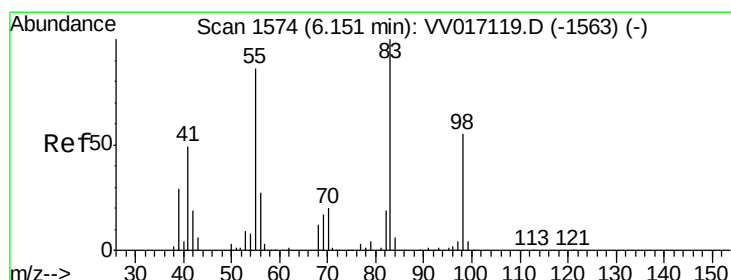
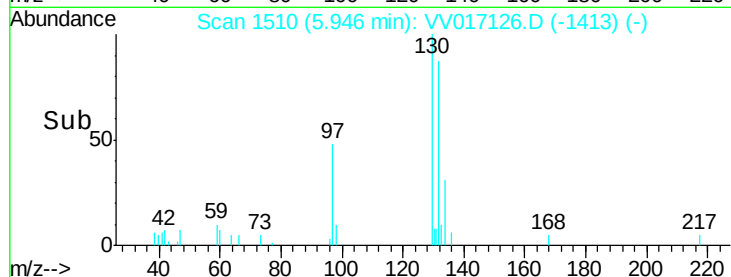
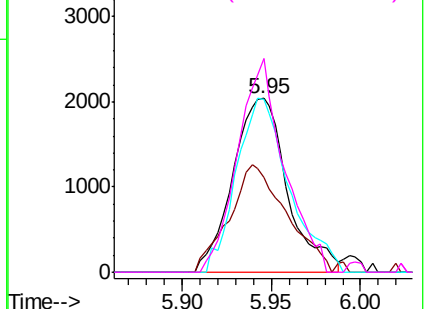


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.804 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017126.D

Acq: 25 Jun 2020 14:47

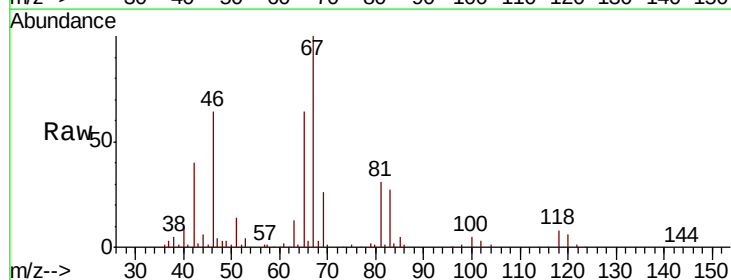
Tgt Ion: 83 Resp: 16445

Ion Ratio Lower Upper

83 100

55 0.5 63.6 95.4#

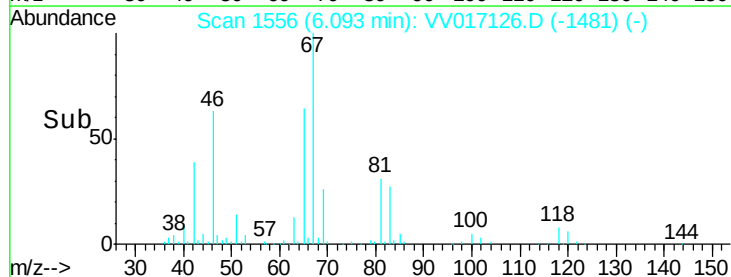
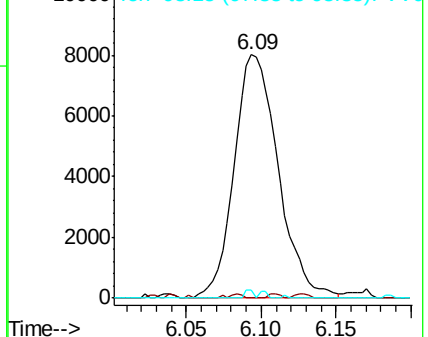
98 0.6 38.8 58.2#

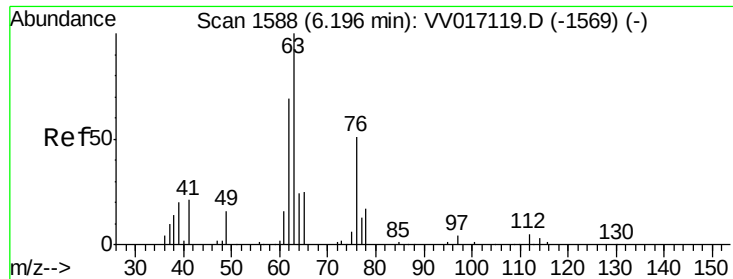


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

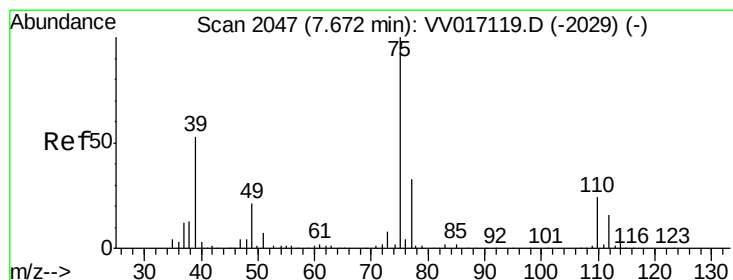
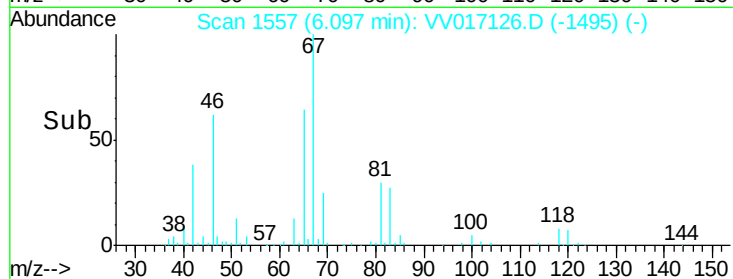
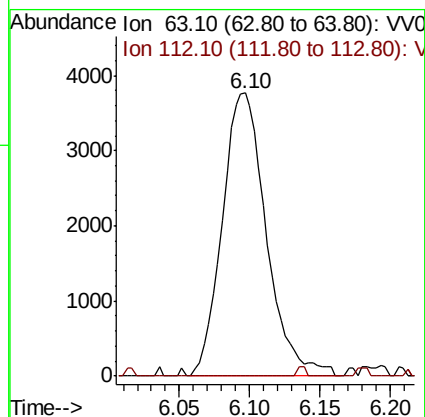
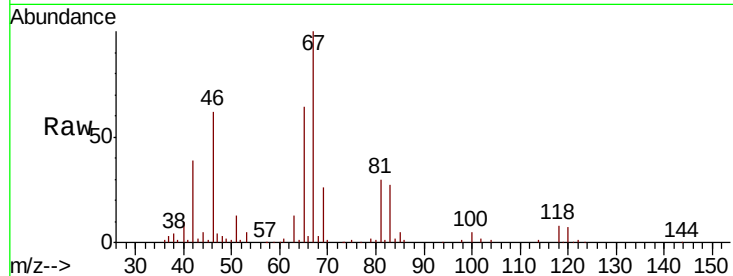




#37
 1,2-Dichloropropane
 Concen: 0.738 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017126.D
 Acq: 25 Jun 2020 14:47

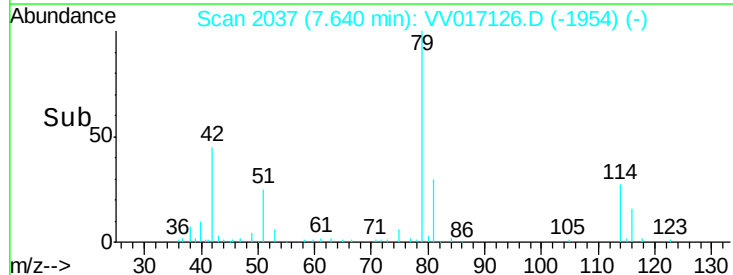
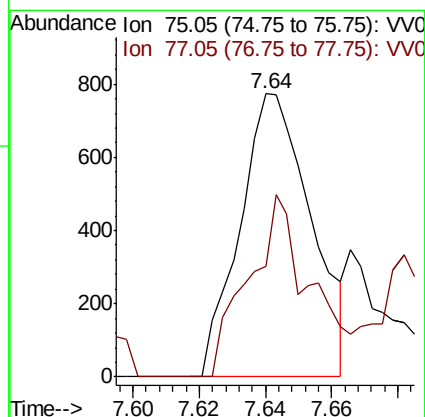
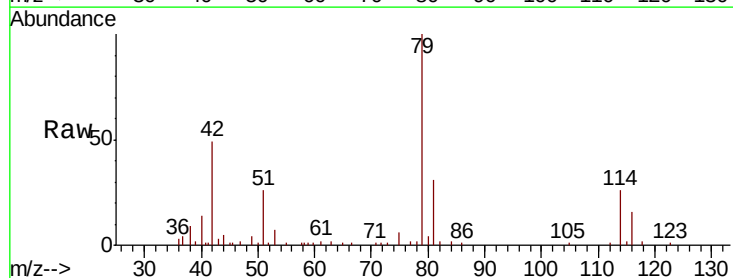
Instrument :
 MSVOA_V
 ClientSampled :
 BFXL6DL

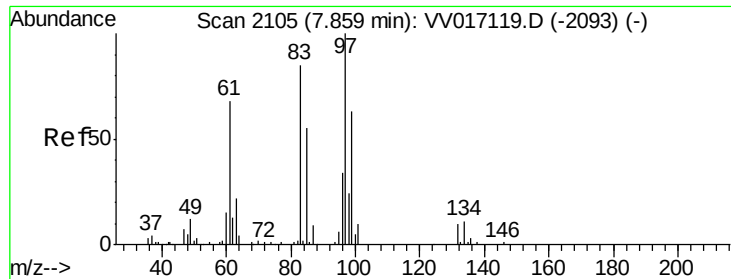
Tot Ion: 63 Resp: 8207
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV017126.D
 Acq: 25 Jun 2020 14:47

Tgt Ion: 75 Resp: 1155
 Ion Ratio Lower Upper
 75 100
 77 39.2 22.3 41.3

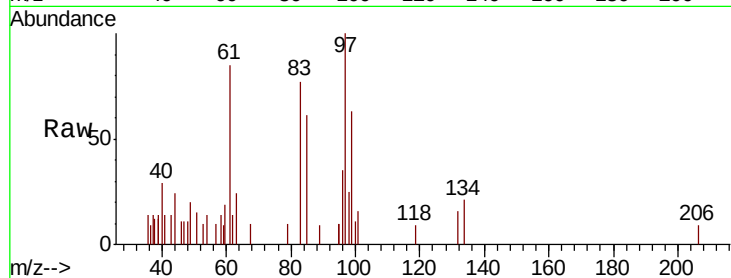




#47
 1,1,2-Trichloroethane
 Concen: 0.297 ug/L
 RT: 7.87 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: VV017126.D
 Acq: 25 Jun 2020 14:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL6DL

Tot Ion:	97	Resp:	2340
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.6	81.0
83	77.1	57.4	106.6
85	61.4	38.8	72.0



Abundance Ion 96.95 (96.65 to 97.65): VV0

