

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017127.D
 Acq On : 25 Jun 2020 15:11
 Operator : SY/MD
 Sample : L3105-10DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL3DL

Quant Time: Jun 26 03:11:03 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	171937	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	166010	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77328	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52009	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	41292	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.12	63	79075	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.95	46	123590	46.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.98%
24) Chloroform-d	4.38	84	112240	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.06	65	59558	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.07	84	210836	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.09	67	61025	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.34	98	179888	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
45) trans-1,3-Dichloropropene-	7.64	79	23584	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
48) 2-Hexanone-d5	8.11	63	87541	42.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41403	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	70882	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

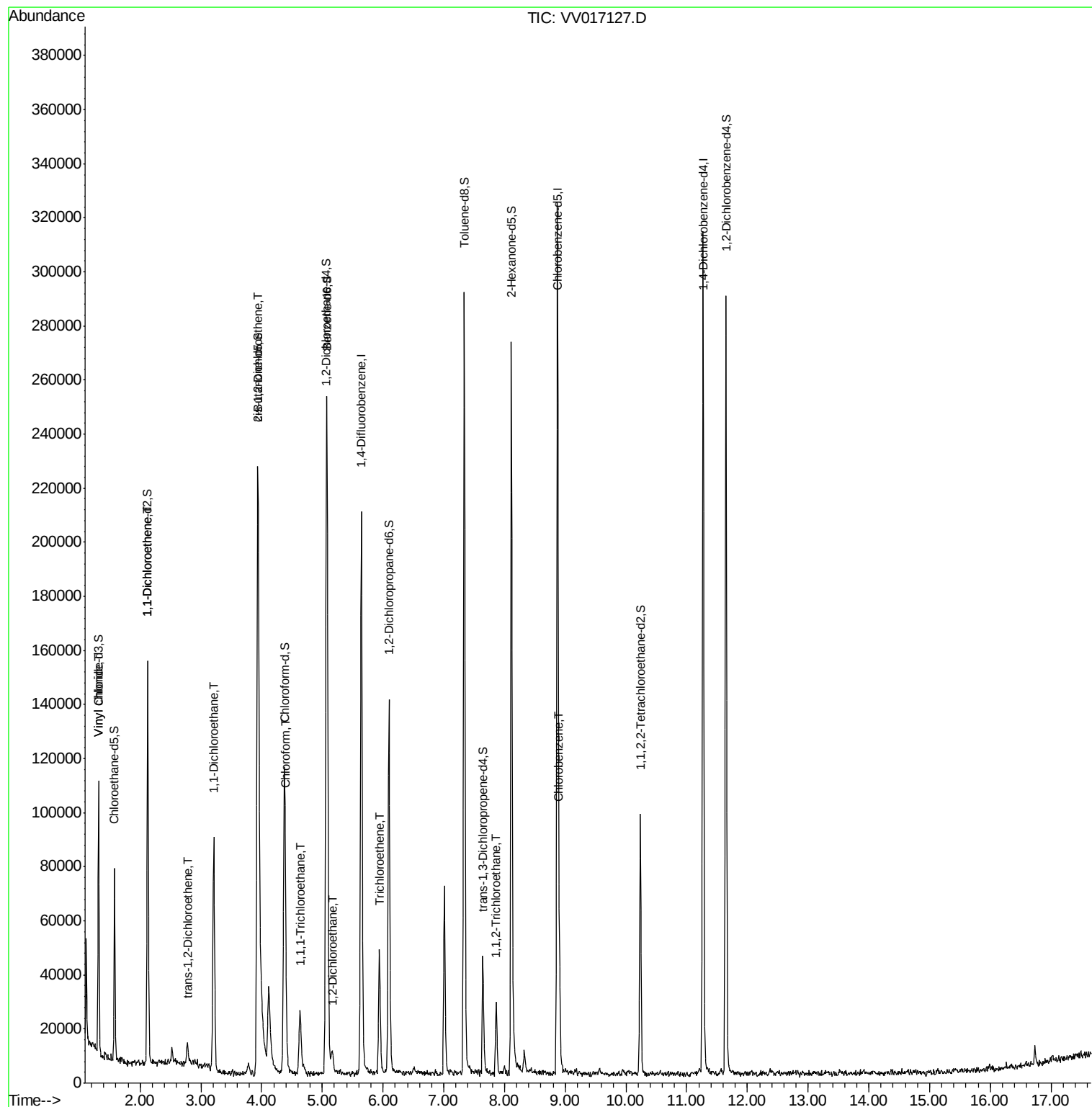
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	7399	0.656	ug/L	89
12) 1,1-Dichloroethene	2.13	96	4640	0.562	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	2487	0.284	ug/L	93
19) 1,1-Dichloroethane	3.21	63	83734	4.262	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	100243	8.383	ug/L	98
25) Chloroform	4.40	83	8256	0.385	ug/L	89
27) 1,2-Dichloroethane	5.16	62	7482	0.561	ug/L #	88
29) 1,1,1-Trichloroethane	4.63	97	18729	0.942	ug/L	98
34) Trichloroethene	5.94	95	14913	1.171	ug/L	96
47) 1,1,2-Trichloroethane	7.87	97	8538	1.119	ug/L	96
53) Chlorobenzene	8.90	112	22319	0.708	ug/L	97

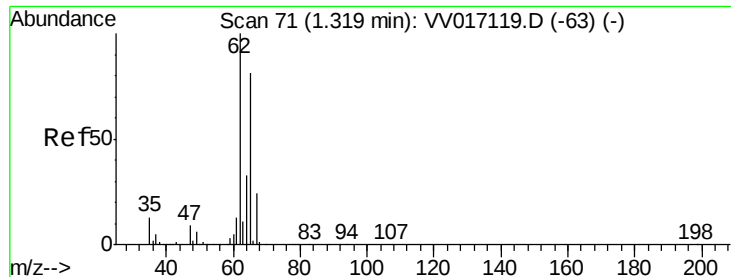
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 01:31:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.656 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017127.D

Acq: 25 Jun 2020 15:11

Instrument :

MSVOA_V

ClientSampleId :

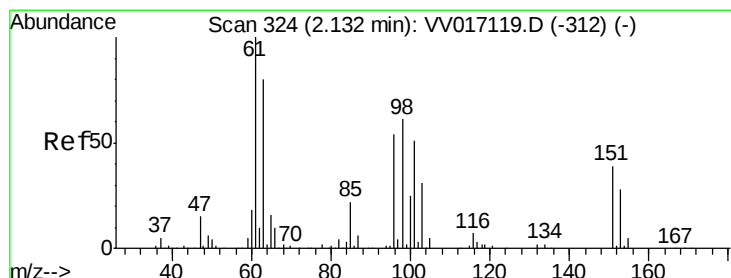
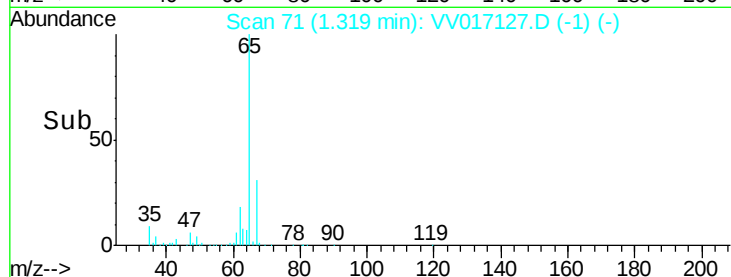
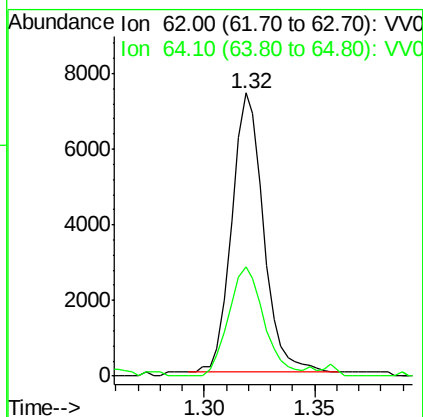
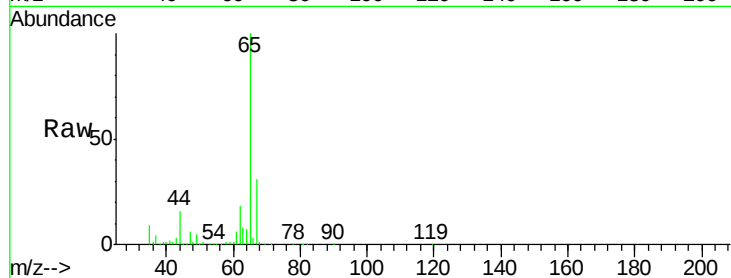
BFXL3DL

Tot Ion: 62 Resp: 7399

Ion Ratio Lower Upper

62 100

64 38.4 22.5 41.7



#12

1,1-Dichloroethene

Concen: 0.562 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017127.D

Acq: 25 Jun 2020 15:11

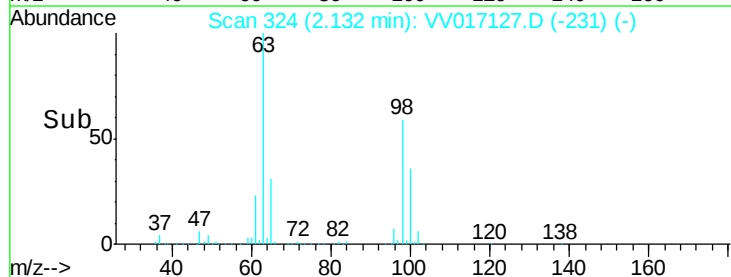
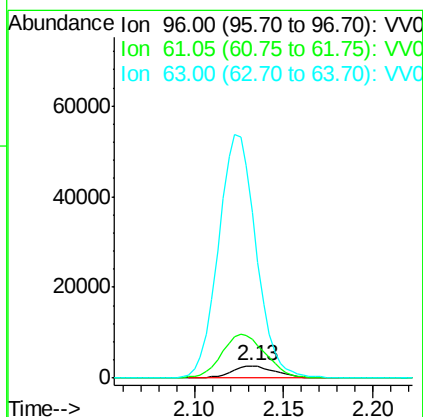
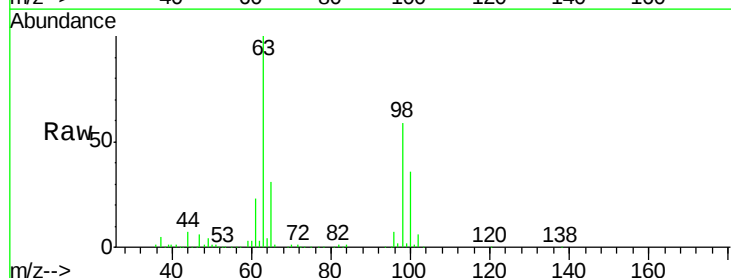
Tgt Ion: 96 Resp: 4640

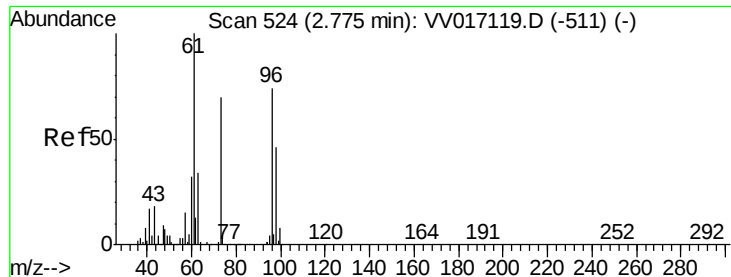
Ion Ratio Lower Upper

96 100

61 314.5 125.0 232.2#

63 1363.5 109.8 203.8#





#18

trans-1,2-Dichloroethene

Concen: 0.284 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017127.D

Acq: 25 Jun 2020 15:11

Instrument :

MSVOA_V

ClientSampleId :

BFXL3DL

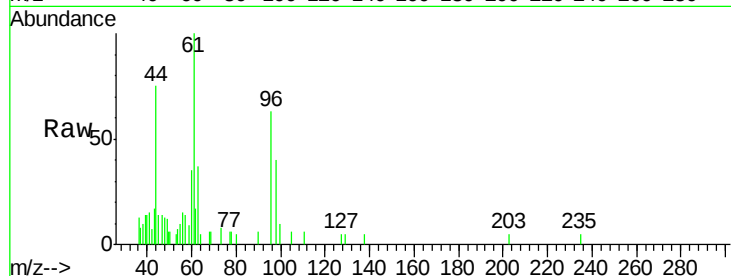
Tot Ion: 96 Resp: 2487

Ion Ratio Lower Upper

96 100

61 159.1 102.3 189.9

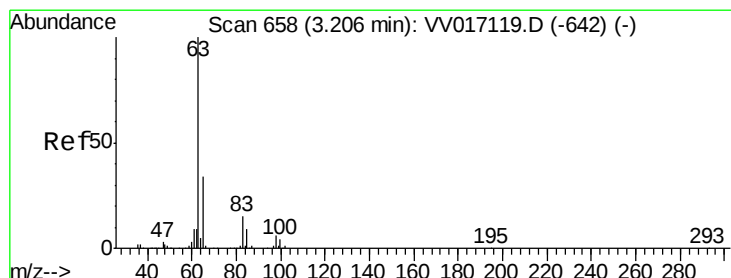
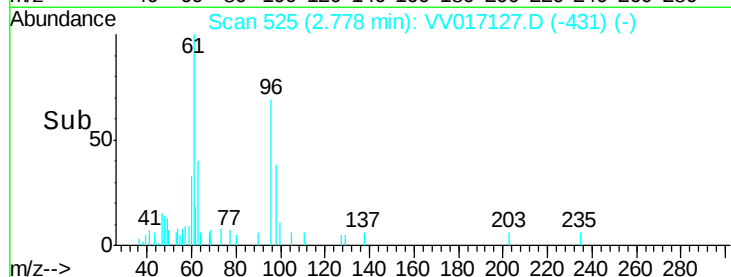
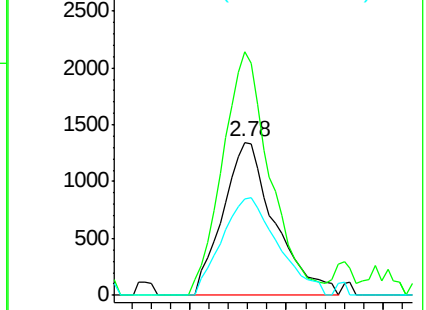
98 63.3 44.7 82.9



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: 4.262 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.00 min

Lab File: VV017127.D

Acq: 25 Jun 2020 15:11

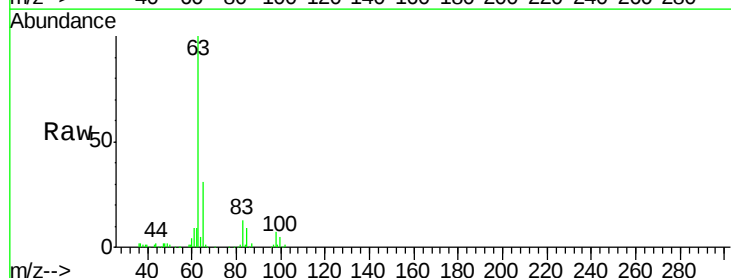
Tgt Ion: 63 Resp: 83734

Ion Ratio Lower Upper

63 100

65 30.5 21.8 40.4

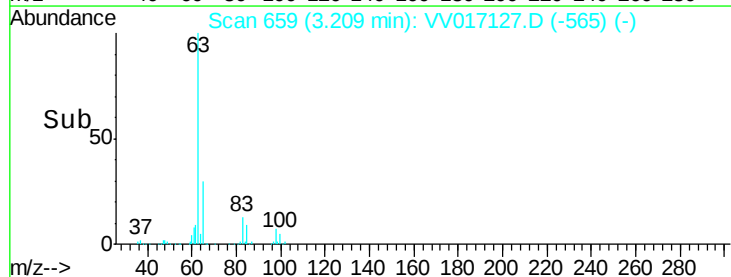
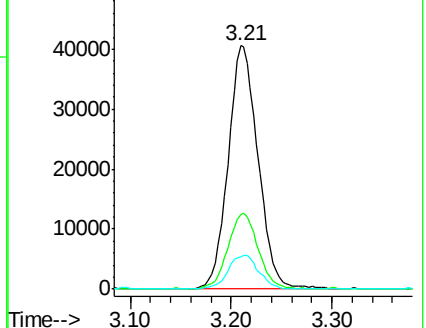
83 13.1 9.7 17.9

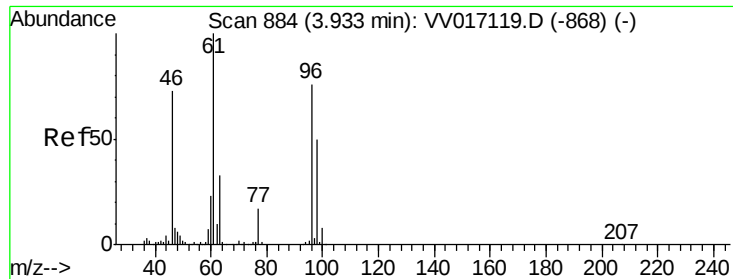


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

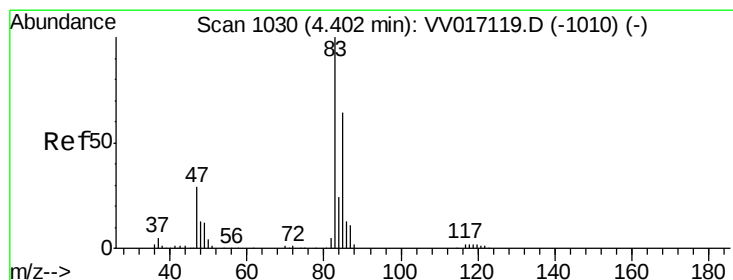
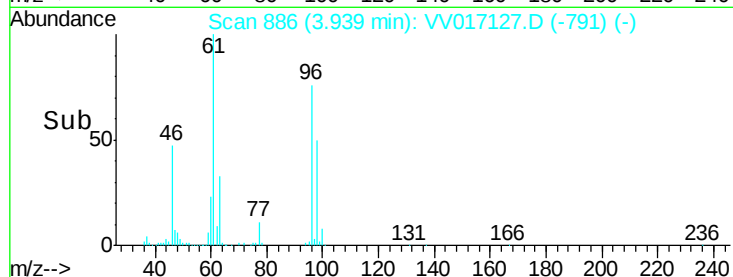
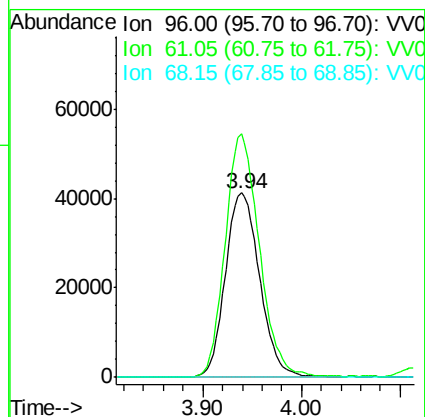
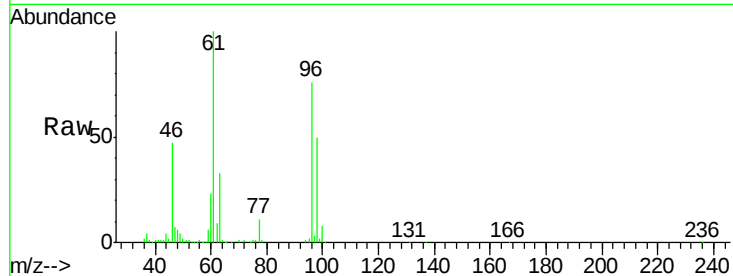




#22
 cis-1,2-Dichloroethene
 Concen: 8.383 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017127.D
 Acq: 25 Jun 2020 15:11

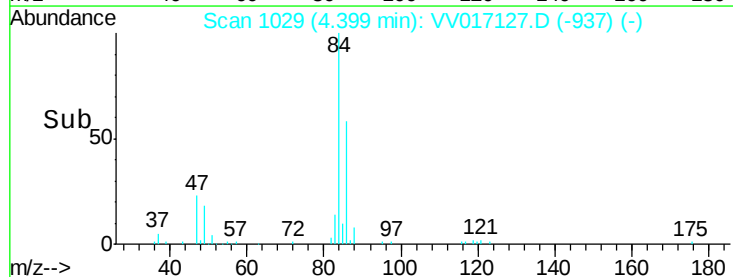
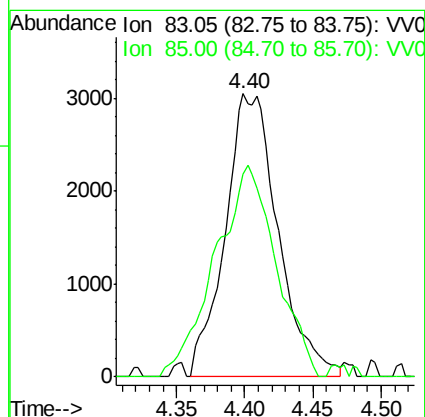
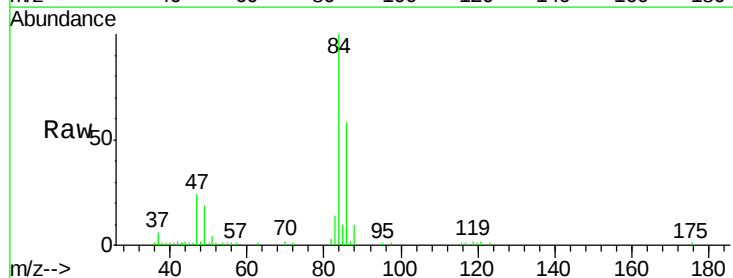
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL3DL

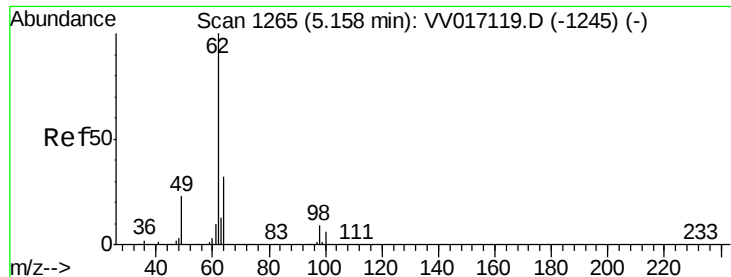
Tot Ion: 96 Resp: 100243
 Ion Ratio Lower Upper
 96 100
 61 131.9 91.0 169.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.385 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV017127.D
 Acq: 25 Jun 2020 15:11

Tgt Ion: 83 Resp: 8256
 Ion Ratio Lower Upper
 83 100
 85 71.8 44.2 82.2





#27

1,2-Dichloroethane

Concen: 0.561 ug/L

RT: 5.16 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VV017127.D

Acq: 25 Jun 2020 15:11

Instrument :

MSVOA_V

ClientSampled :

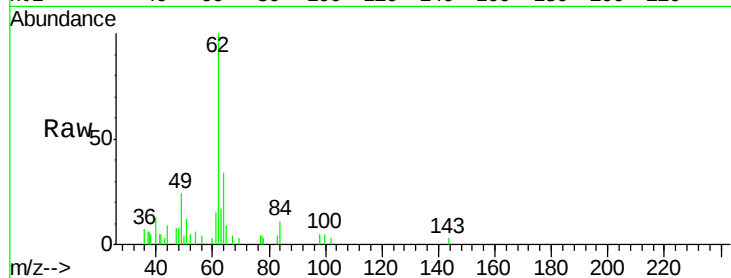
BFXL3DL

Tot Ion: 62 Resp: 7482

Ion Ratio Lower Upper

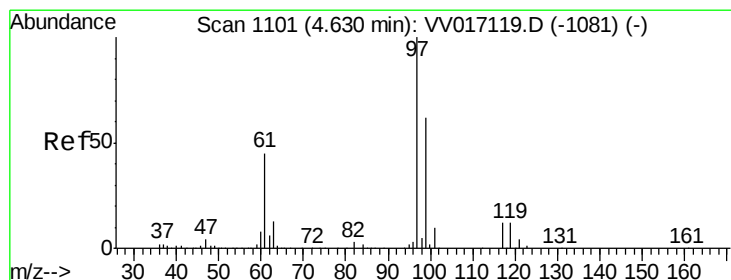
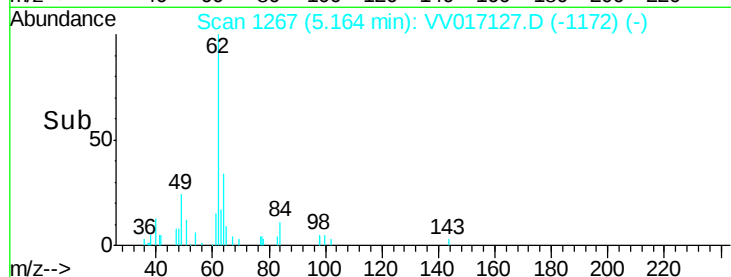
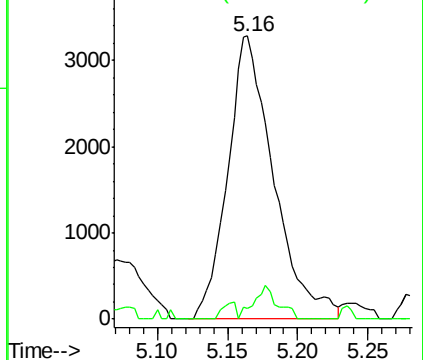
62 100

98 4.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#29

1,1,1-Trichloroethane

Concen: 0.942 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VV017127.D

Acq: 25 Jun 2020 15:11

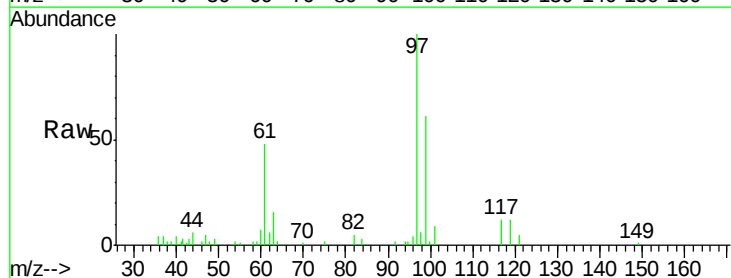
Tgt Ion: 97 Resp: 18729

Ion Ratio Lower Upper

97 100

99 64.8 50.3 75.5

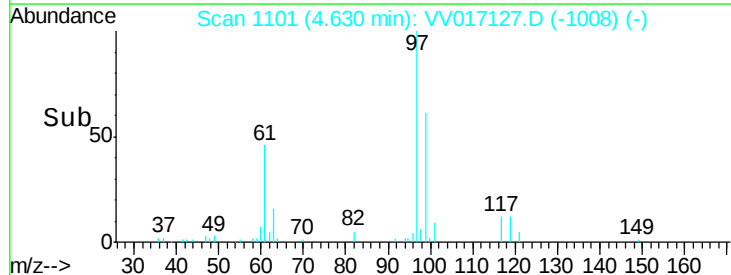
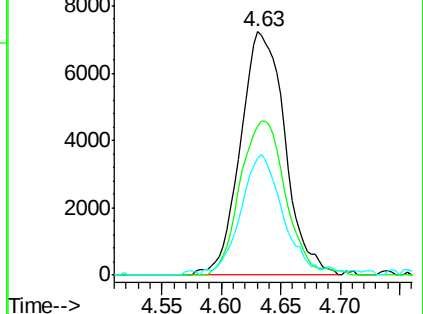
61 46.5 36.0 54.0

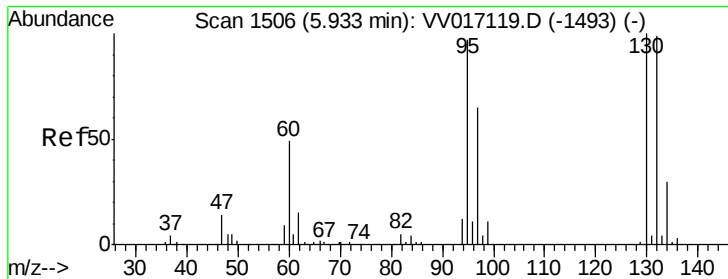


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 1.171 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV017127.D

Acq: 25 Jun 2020 15:11

Instrument :

MSVOA_V

ClientSampleId :

BFXL3DL

Tot Ion: 95 Resp: 14913

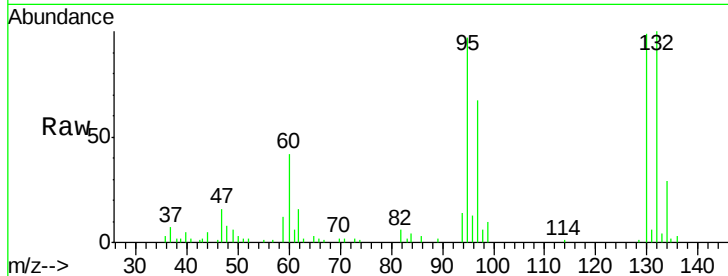
Ion Ratio Lower Upper

95 100

97 69.1 45.3 84.1

132 103.5 68.8 127.8

130 102.9 70.2 130.4

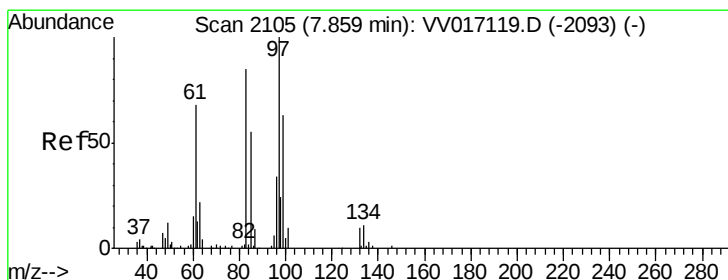
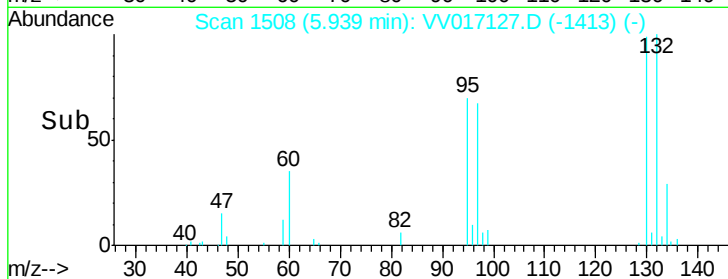
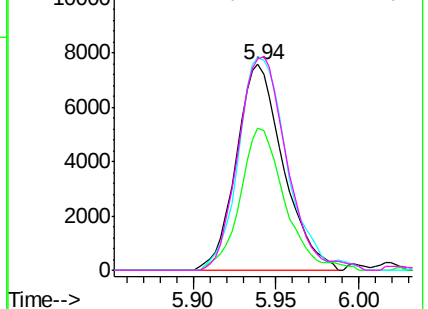


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

1,1,2-Trichloroethane

Concen: 1.119 ug/L

RT: 7.87 min Scan# 2107

Delta R.T. 0.01 min

Lab File: VV017127.D

Acq: 25 Jun 2020 15:11

Tgt Ion: 97 Resp: 8538

Ion Ratio Lower Upper

97 100

99 59.2 43.6 81.0

83 82.7 57.4 106.6

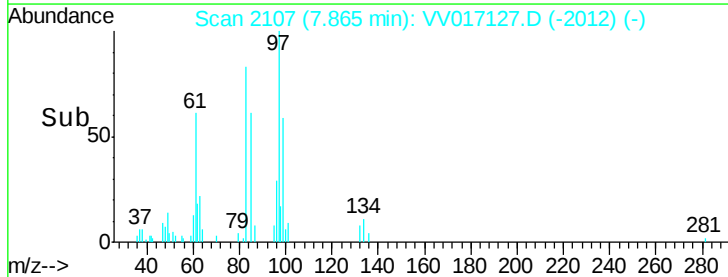
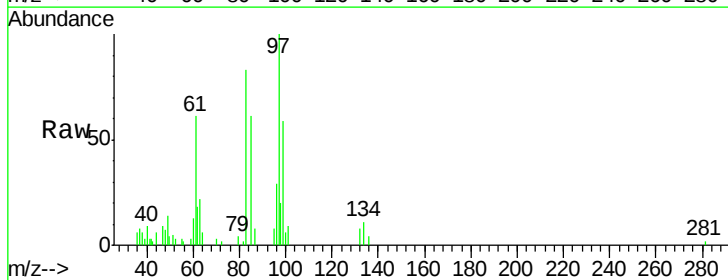
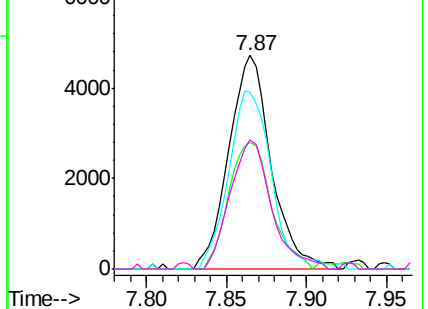
85 60.6 38.8 72.0

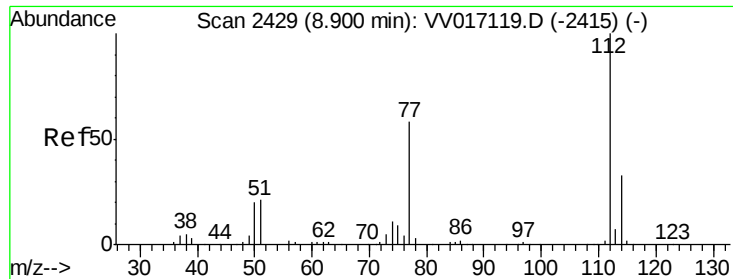
Abundance Ion 96.95 (96.65 to 97.65): VV0

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





#53

Chlorobenzene

Concen: 0.708 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV017127.D

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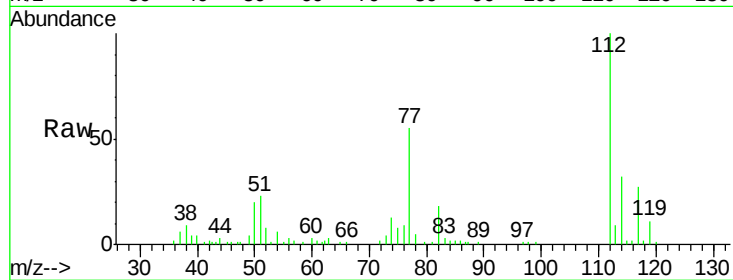
Tot Ion:112 Resp: 22319

Ion Ratio Lower Upper

112 100

114 32.3 22.0 41.0

77 55.0 46.0 69.0



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

