

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017146.D
 Acq On : 25 Jun 2020 23:35
 Operator : SY/MD
 Sample : L3106-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN6

Quant Time: Jun 26 05:34:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165763	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163221	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73552	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52055	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.58	69	40601	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.13	63	72755	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.93	46	119412	47.09	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.18%
24) Chloroform-d	4.38	84	104675	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.06	65	57753	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.07	84	196241	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.09	67	57154	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.34	98	169539	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
45) trans-1,3-Dichloropropene-	7.64	79	21598	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
48) 2-Hexanone-d5	8.11	63	83109	41.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38078	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	66781	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

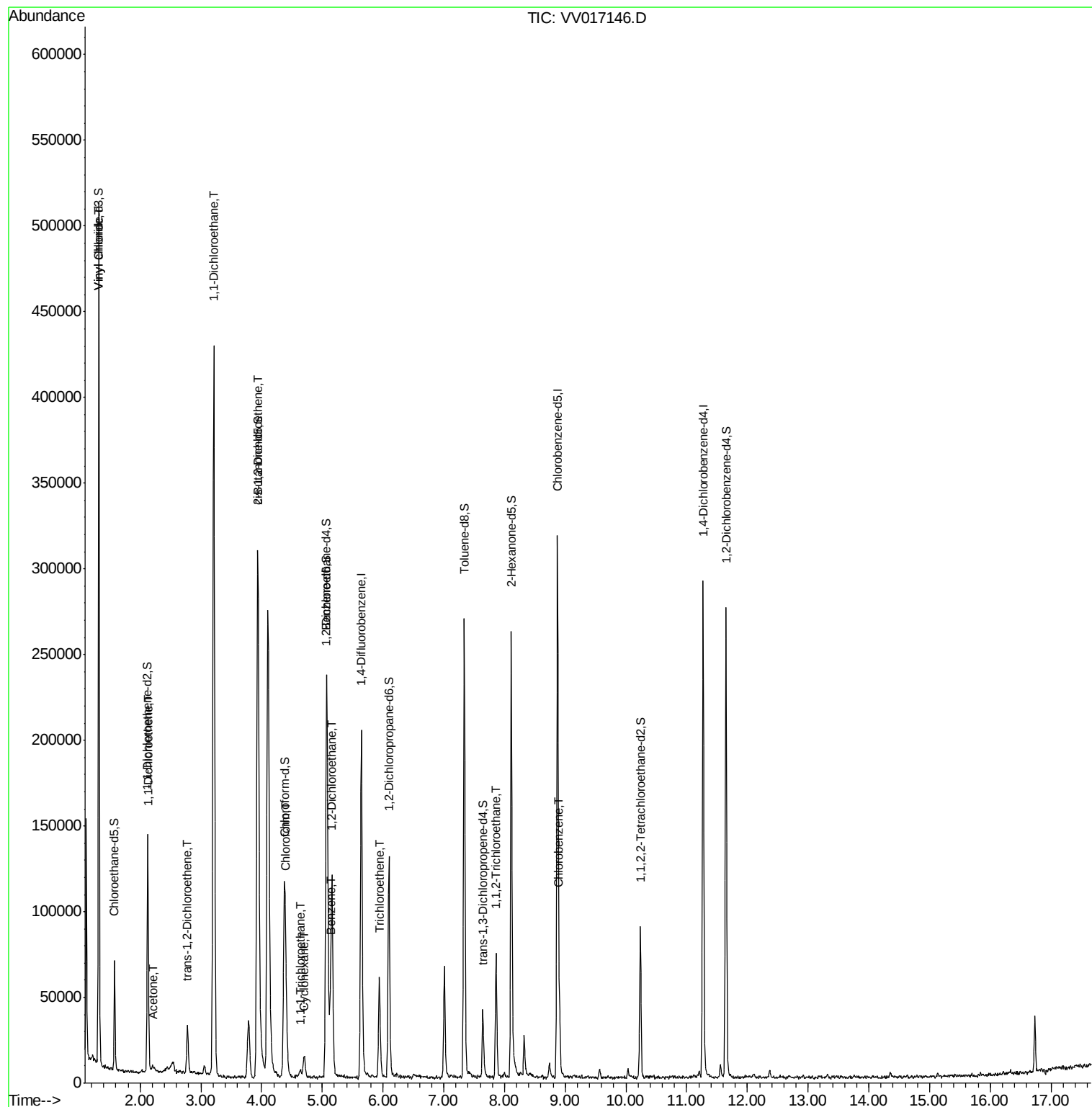
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	257367	23.661	ug/L	99
12) 1,1-Dichloroethene	2.14	96	3796	0.477	ug/L #	1
13) Acetone	2.21	43	7766	6.059	ug/L	69
18) trans-1,2-Dichloroethene	2.78	96	6583	0.781	ug/L	100
19) 1,1-Dichloroethane	3.21	63	417410	22.036	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	139250	12.079	ug/L	99
25) Chloroform	4.40	83	31089	1.503	ug/L	98
27) 1,2-Dichloroethane	5.16	62	106701	8.301	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	3000	0.153	ug/L #	86
30) Cyclohexane	4.70	56	6229	0.335	ug/L #	90
33) Benzene	5.13	78	35209	0.824	ug/L	100
34) Trichloroethene	5.94	95	19753	1.578	ug/L	94
47) 1,1,2-Trichloroethane	7.86	97	21013	2.800	ug/L	96
53) Chlorobenzene	8.90	112	21326	0.688	ug/L	95

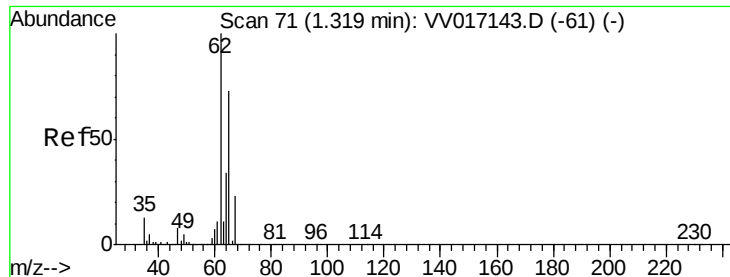
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 23.661 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017146.D

Acq: 25 Jun 2020 23:35

Instrument :

MSVOA_V

ClientSampled :

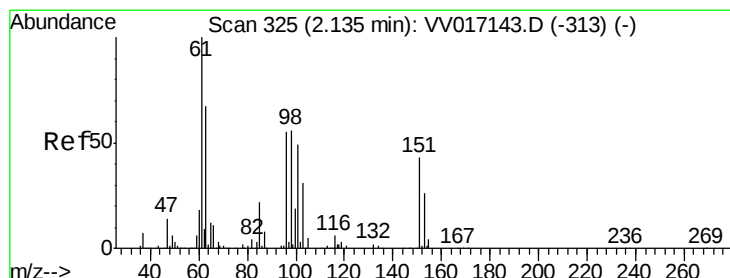
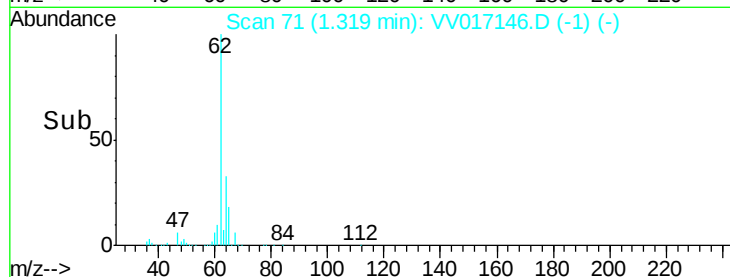
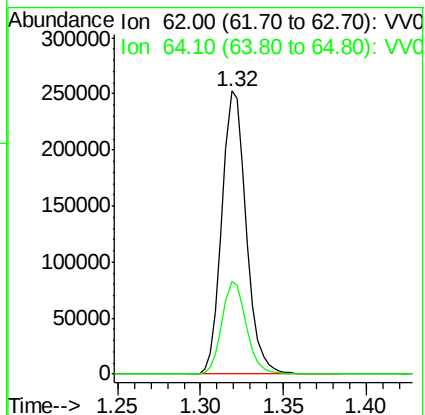
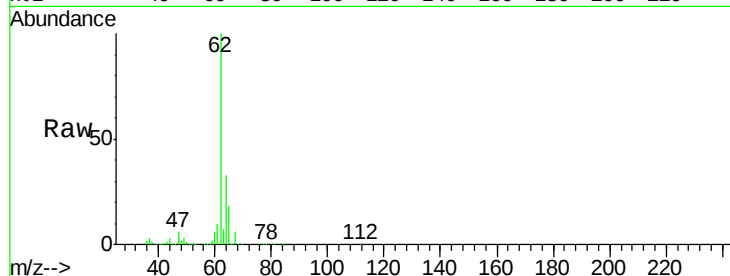
BFXN6

Tot Ion: 62 Resp: 257367

Ion Ratio Lower Upper

62 100

64 32.5 22.5 41.7



#12

1,1-Dichloroethene

Concen: 0.477 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV017146.D

Acq: 25 Jun 2020 23:35

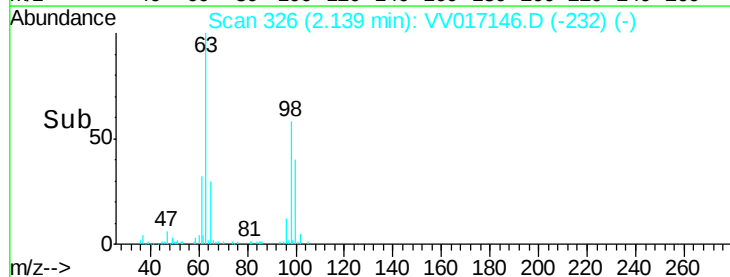
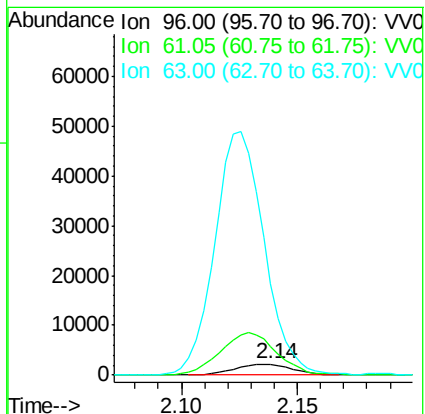
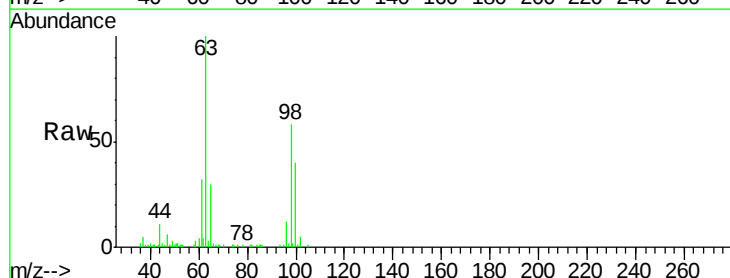
Tgt Ion: 96 Resp: 3796

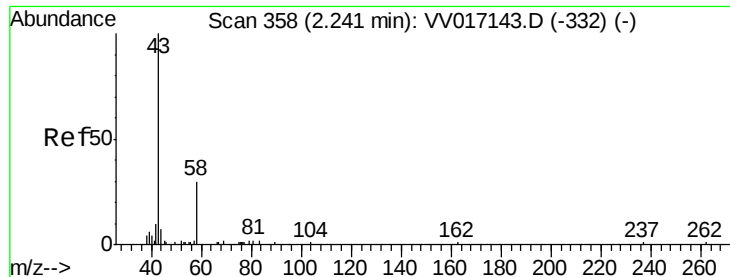
Ion Ratio Lower Upper

96 100

61 265.4 125.0 232.2#

63 839.0 109.8 203.8#





#13

Acetone

Concen: 6.059 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.04 min

Lab File: VV017146.D

Acq: 25 Jun 2020 23:35

Instrument :

MSVOA_V

ClientSampleId :

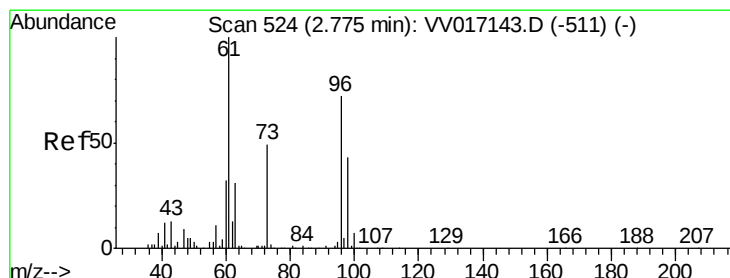
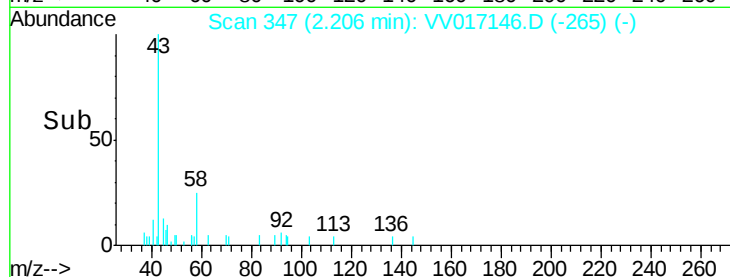
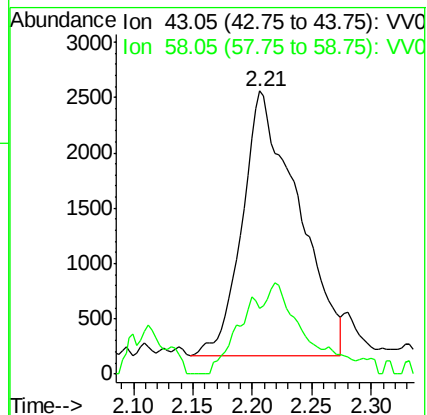
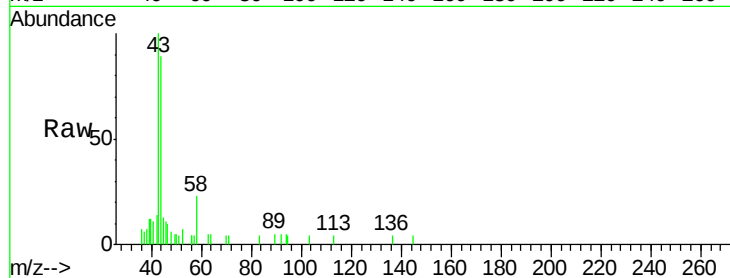
BFXN6

Tot Ion: 43 Resp: 7766

Ion Ratio Lower Upper

43 100

58 12.6 0.0 58.4



#18

trans-1,2-Dichloroethene

Concen: 0.781 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

Lab File: VV017146.D

Acq: 25 Jun 2020 23:35

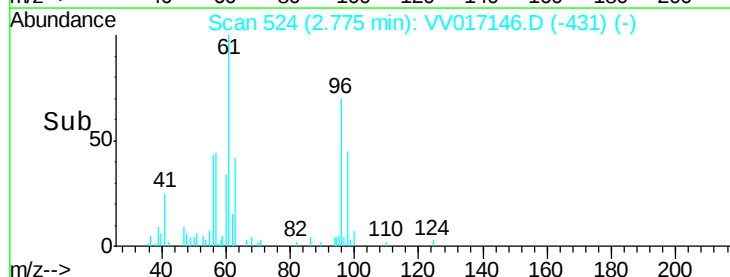
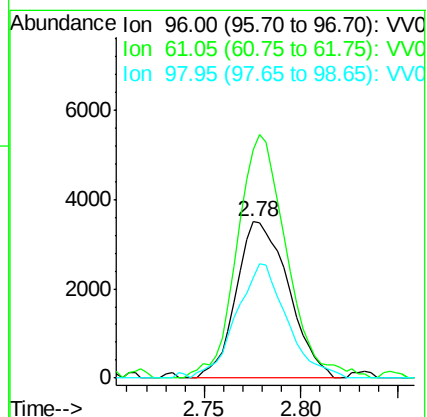
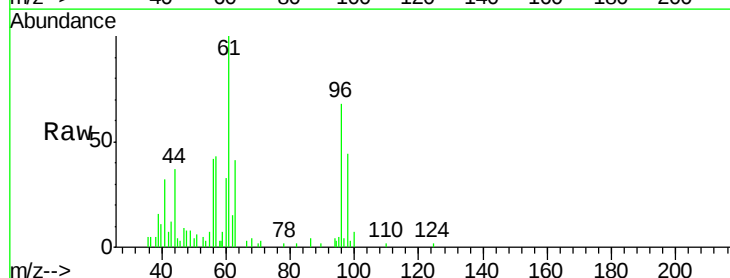
Tgt Ion: 96 Resp: 6583

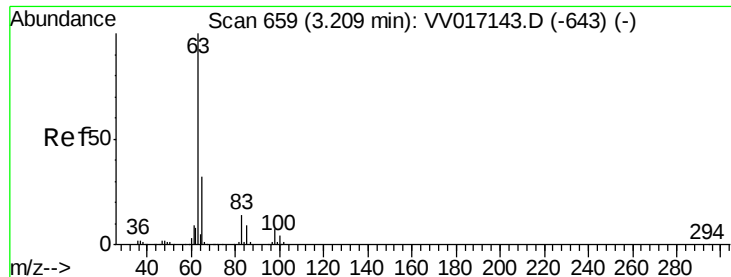
Ion Ratio Lower Upper

96 100

61 146.2 102.3 189.9

98 64.5 44.7 82.9





#19

1,1-Dichloroethane

Concen: 22.036 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV017146.D

Acq: 25 Jun 2020 23:35

Instrument :

MSVOA_V

ClientSampleId :

BFXN6

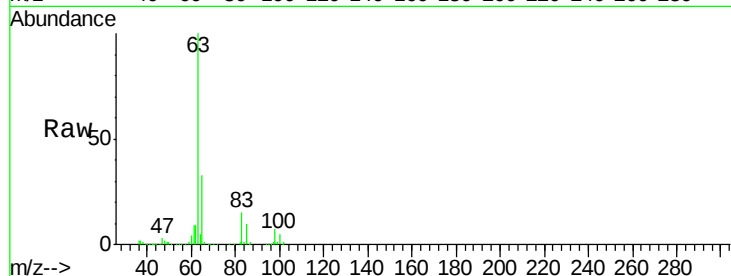
Tot Ion: 63 Resp: 417410

Ion Ratio Lower Upper

63 100

65 32.6 21.8 40.4

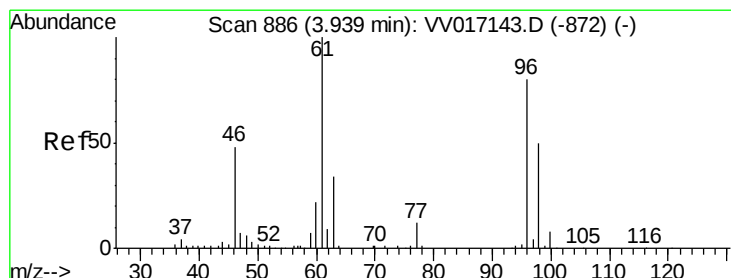
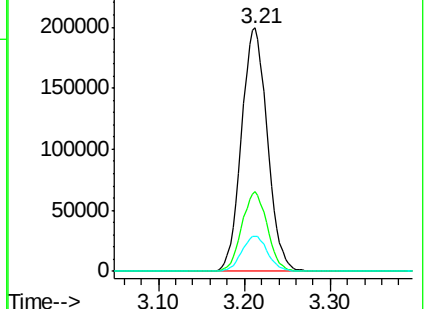
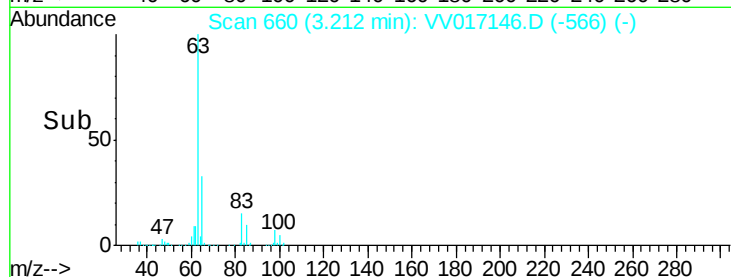
83 14.6 9.7 17.9



Abundance Ion 63.10 (62.80 to 63.80): VV017146.D (-566) (-)

Ion 65.10 (64.80 to 65.80): VV017146.D (-566) (-)

Ion 83.05 (82.75 to 83.75): VV017146.D (-566) (-)



#22

cis-1,2-Dichloroethene

Concen: 12.079 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017146.D

Acq: 25 Jun 2020 23:35

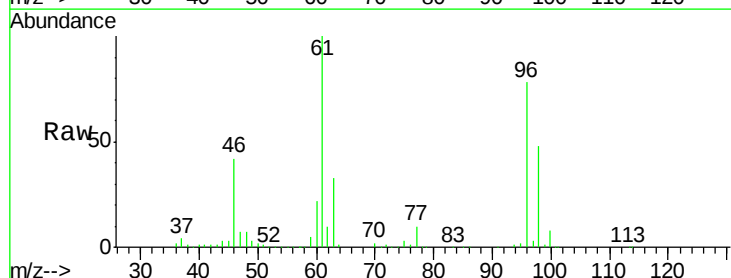
Tgt Ion: 96 Resp: 139250

Ion Ratio Lower Upper

96 100

61 128.3 91.0 169.0

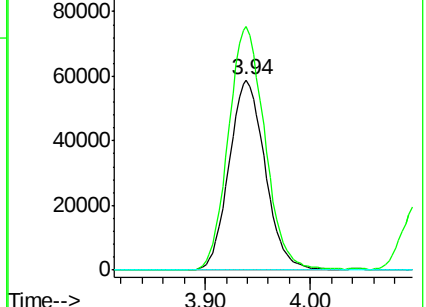
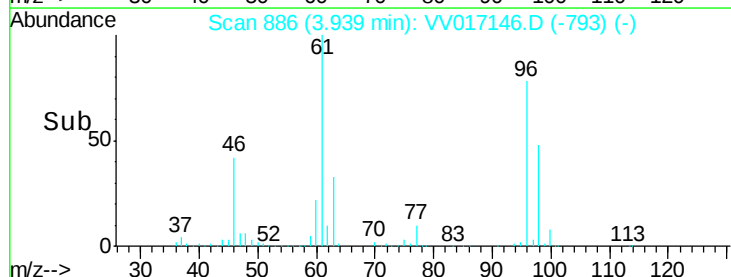
68 0.0 0.0 0.0

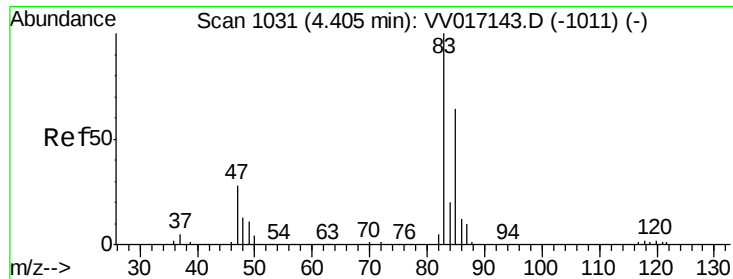


Abundance Ion 96.00 (95.70 to 96.70): VV017146.D (-793) (-)

Ion 61.05 (60.75 to 61.75): VV017146.D (-793) (-)

Ion 68.15 (67.85 to 68.85): VV017146.D (-793) (-)

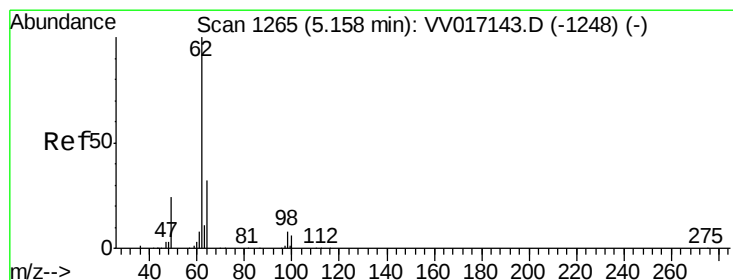
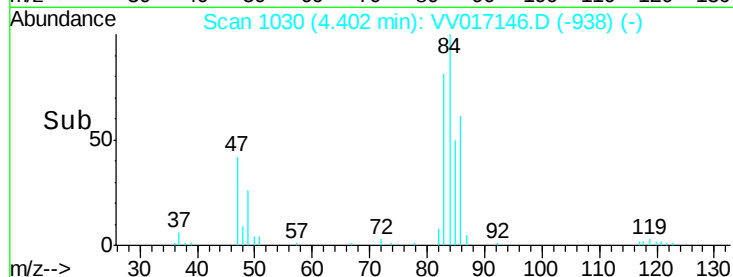
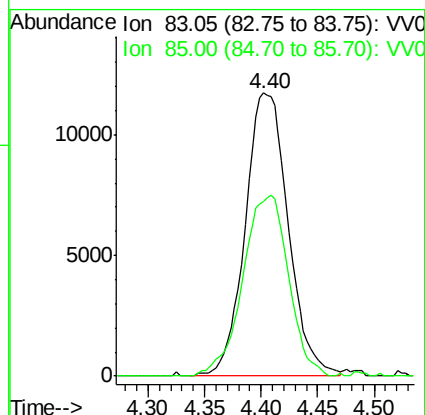
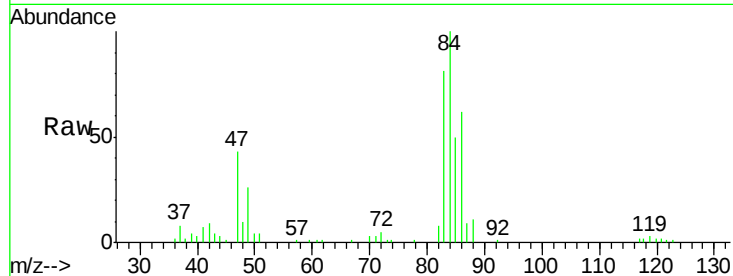




#25
Chloroform
Concen: 1.503 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

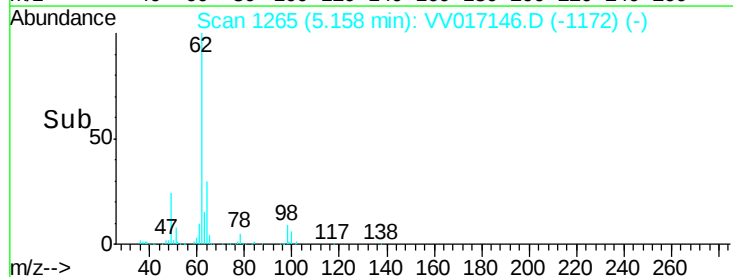
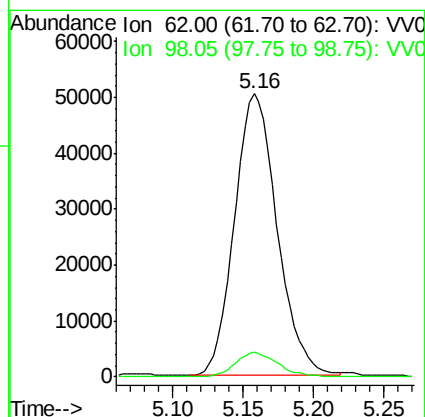
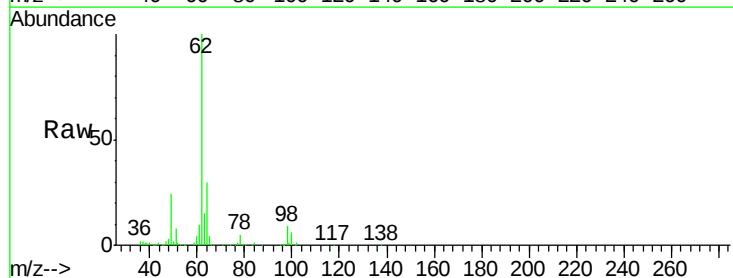
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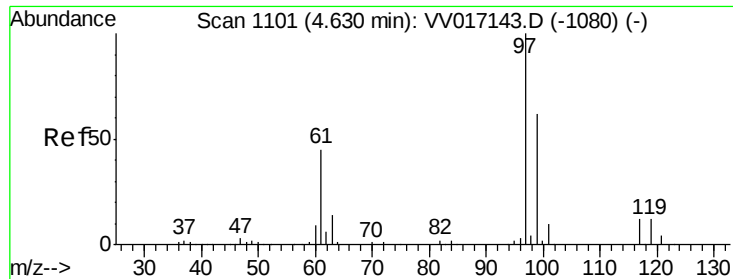
Tot Ion: 83 Resp: 31089
Ion Ratio Lower Upper
83 100
85 61.6 44.2 82.2



#27
1,2-Dichloroethane
Concen: 8.301 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 62 Resp: 106701
Ion Ratio Lower Upper
62 100
98 8.9 6.7 10.1

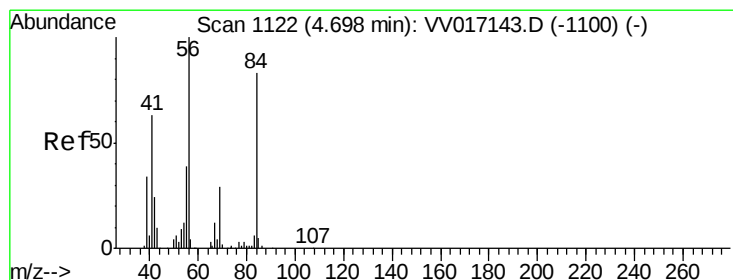
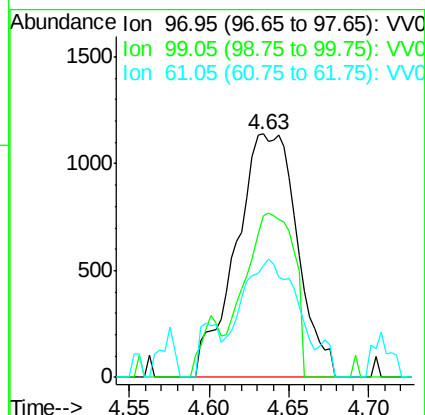
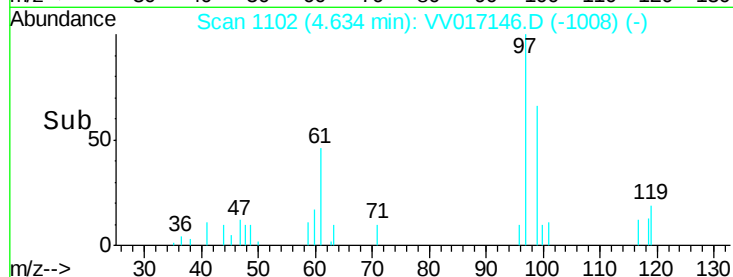
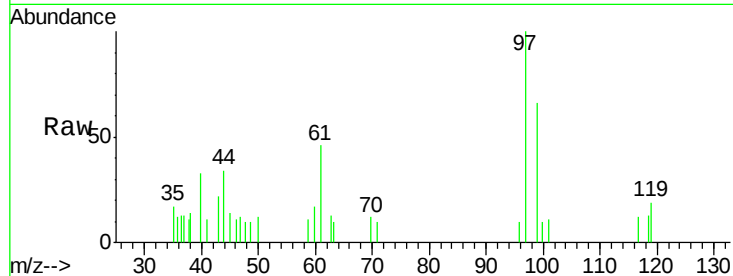




#29
 1,1,1-Trichloroethane
 Concen: 0.153 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV017146.D
 Acq: 25 Jun 2020 23:35

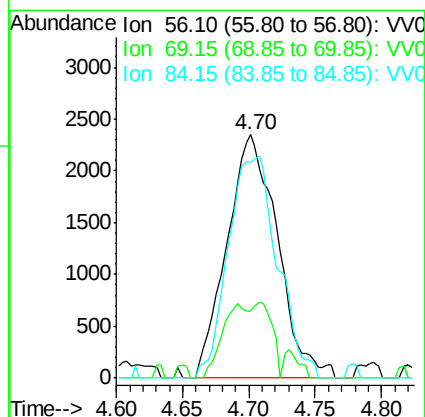
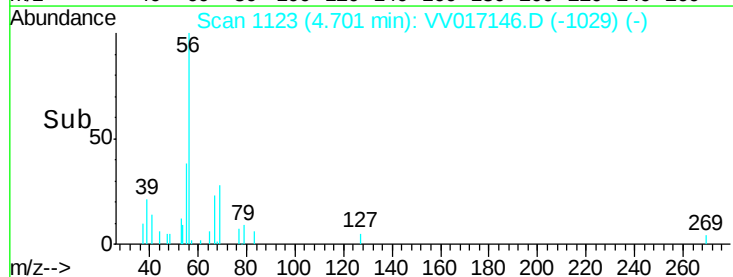
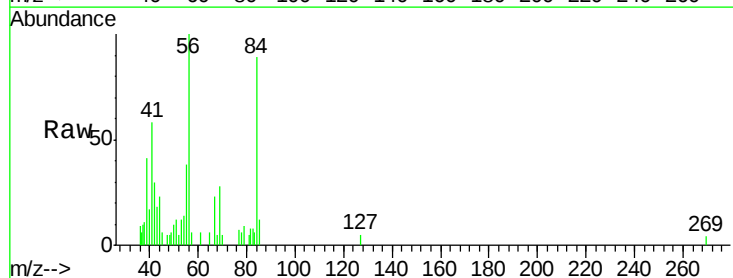
Instrument :
 MSVOA_V
 ClientSampled :
 BFXN6

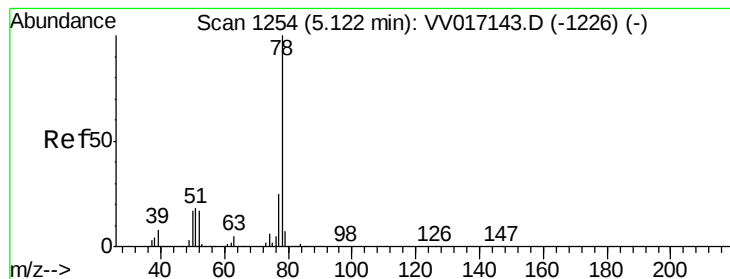
Tot Ion: 97 Resp: 3000
 Ion Ratio Lower Upper
 97 100
 99 54.4 50.3 75.5
 61 32.5 36.0 54.0#



#30
 Cyclohexane
 Concen: 0.335 ug/L
 RT: 4.70 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VV017146.D
 Acq: 25 Jun 2020 23:35

Tgt Ion: 56 Resp: 6229
 Ion Ratio Lower Upper
 56 100
 69 11.4 24.4 36.6#
 84 88.8 69.9 104.9





#33

Benzene

Concen: 0.824 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV017146.D

Acq: 25 Jun 2020 23:35

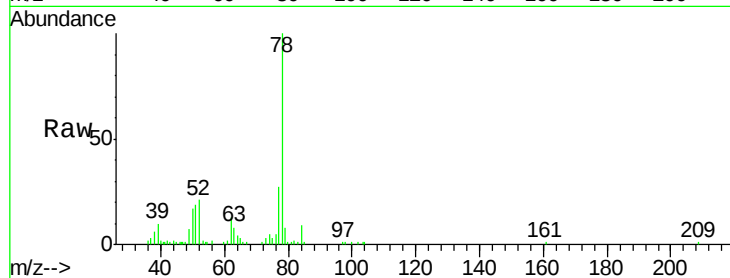
Instrument :

MSVOA_V

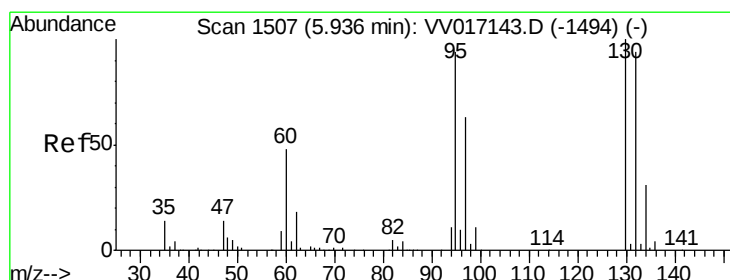
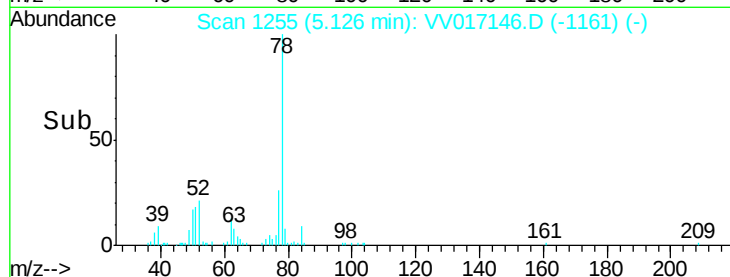
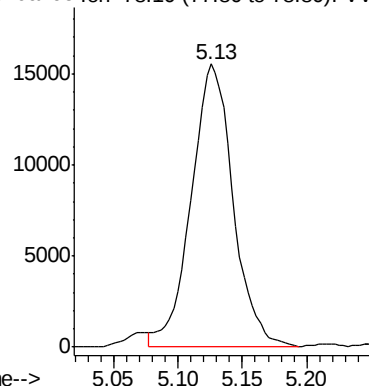
ClientSampleId :

BFXN6

Tgt Ion: 78 Resp: 35209



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 1.578 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017146.D

Acq: 25 Jun 2020 23:35

Tgt Ion: 95 Resp: 19753

Ion	Ratio	Lower	Upper
95	100		
97	58.8	45.3	84.1
132	94.7	68.8	127.8
130	93.3	70.2	130.4

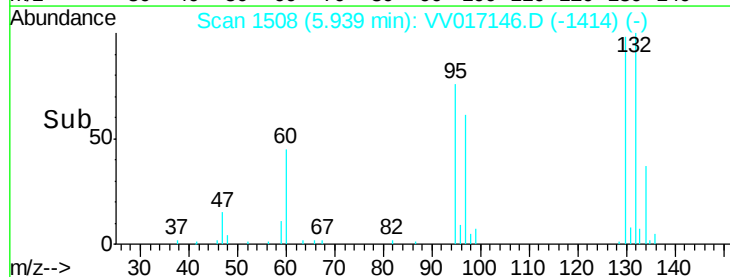
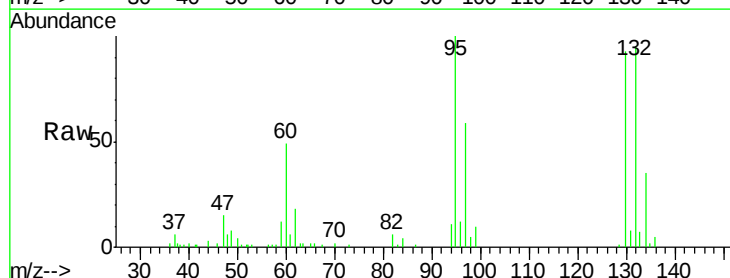
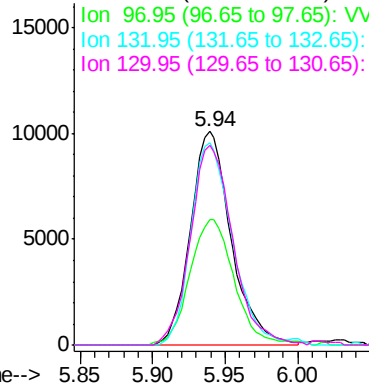
Ion 95.00 (94.70 to 95.70): VV0

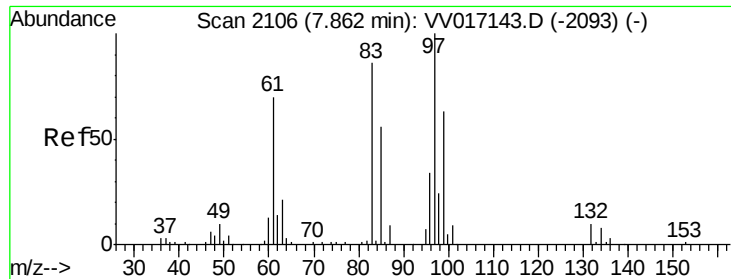
Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

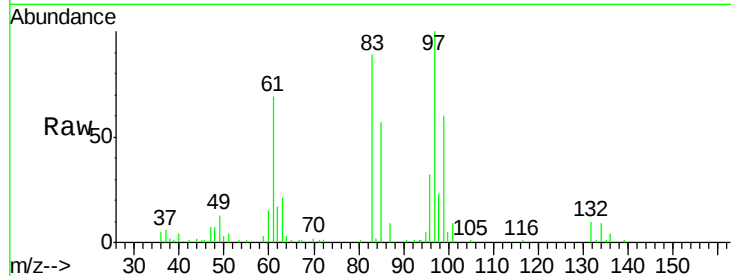




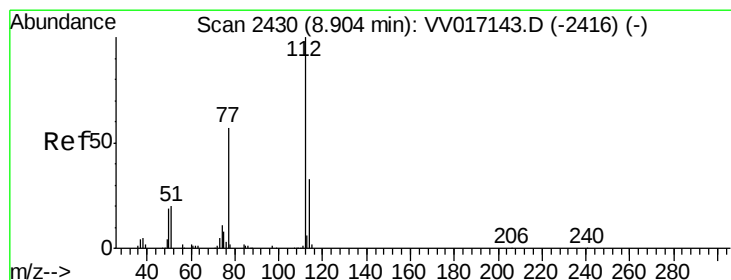
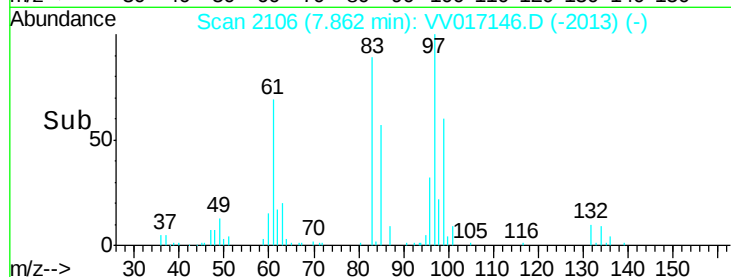
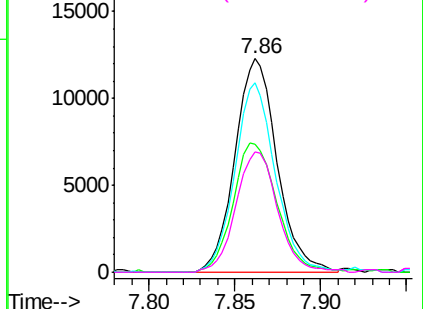
#47
 1,1,2-Trichloroethane
 Concen: 2.800 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV017146.D
 Acq: 25 Jun 2020 23:35

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN6

Tot Ion:	97	Resp:	21013
Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.6	81.0
83	88.6	57.4	106.6
85	56.6	38.8	72.0

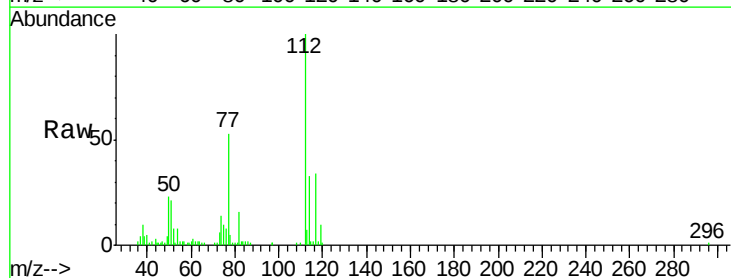


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0



#53
 Chlorobenzene
 Concen: 0.688 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV017146.D
 Acq: 25 Jun 2020 23:35

Tgt Ion:	112	Resp:	21326
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.0	41.0
77	53.1	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

