

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
 Data File : VV017169.D
 Acq On : 26 Jun 2020 09:35
 Operator : SY/MD
 Sample : L3106-14DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN6DL

Quant Time: Jun 26 18:25:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 12:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	177213	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171283	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46801	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	39304	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.12	63	72201	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.95	46	123421	45.53	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.06%
24) Chloroform-d	4.37	84	107460	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	59074	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.07	84	201306	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.09	67	58268	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.33	98	170737	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
45) trans-1,3-Dichloropropene-	7.64	79	23312	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
48) 2-Hexanone-d5	8.11	63	82205	38.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40223	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	69357	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

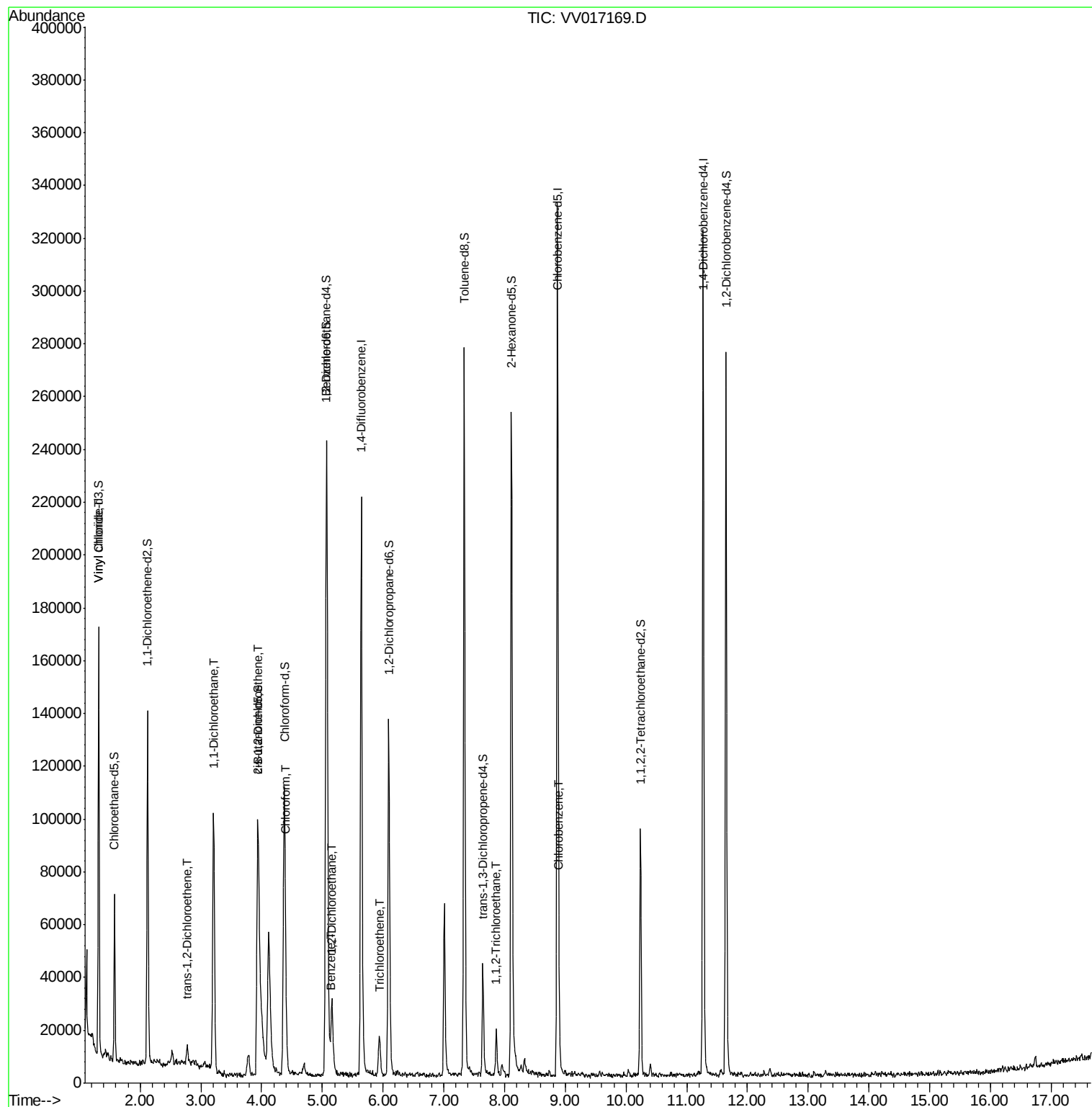
					Qvalue
5) Vinyl chloride	1.32	62	57703	4.962	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	1957	0.217	ug/L 85
19) 1,1-Dichloroethane	3.21	63	95127	4.698	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	31839	2.583	ug/L 97
25) Chloroform	4.40	83	7449	0.337	ug/L 98
27) 1,2-Dichloroethane	5.16	62	25218	1.835	ug/L 96
33) Benzene	5.13	78	8678	0.193	ug/L 100
34) Trichloroethene	5.94	95	4789	0.365	ug/L 92
47) 1,1,2-Trichloroethane	7.86	97	5112	0.649	ug/L 94
53) Chlorobenzene	8.90	112	4904	0.151	ug/L 96

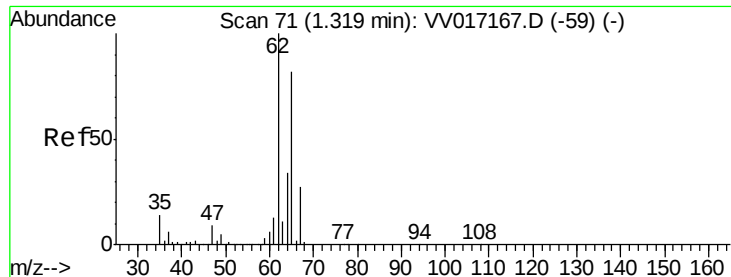
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.962 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017169.D

Acq: 26 Jun 2020 09:35

Instrument :

MSVOA_V

ClientSampleId :

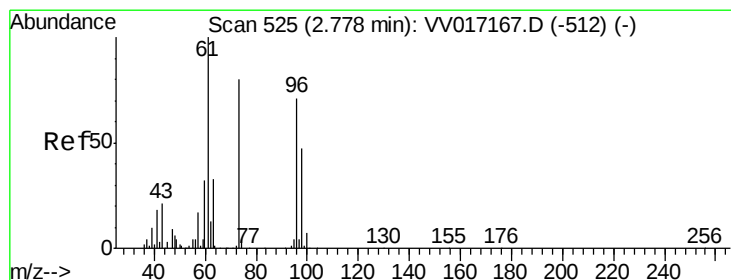
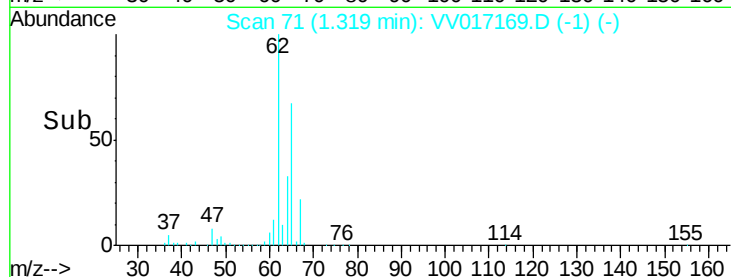
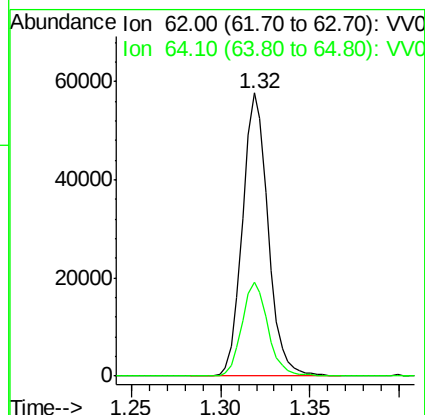
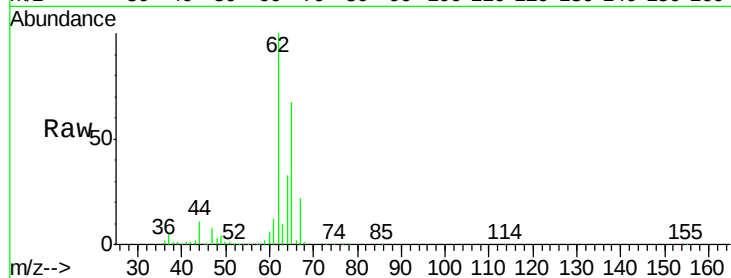
BFXN6DL

Tgt Ion: 62 Resp: 57703

Ion Ratio Lower Upper

62 100

64 33.2 22.5 41.7



#18

trans-1,2-Dichloroethene

Concen: 0.217 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017169.D

Acq: 26 Jun 2020 09:35

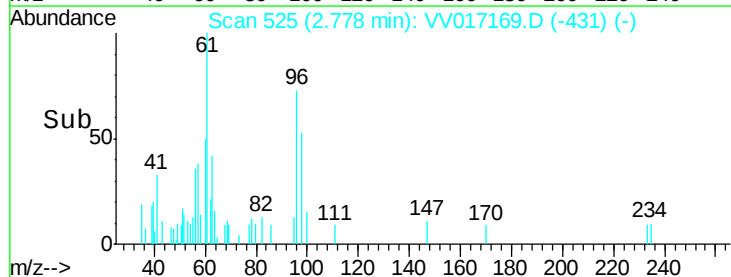
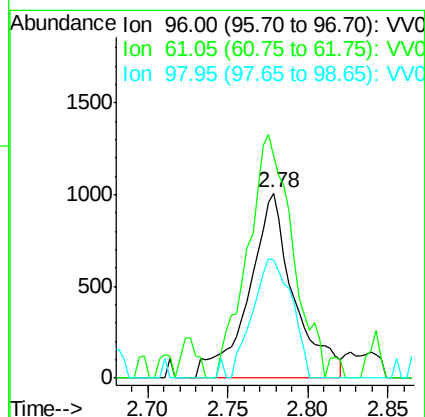
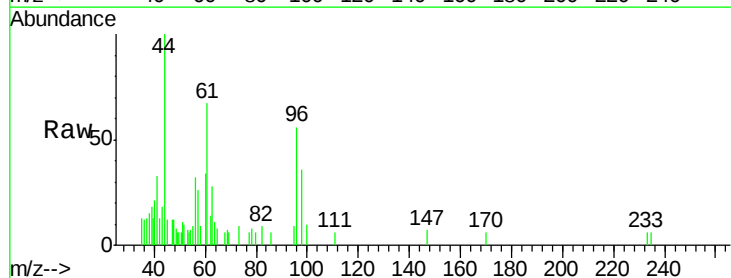
Tgt Ion: 96 Resp: 1957

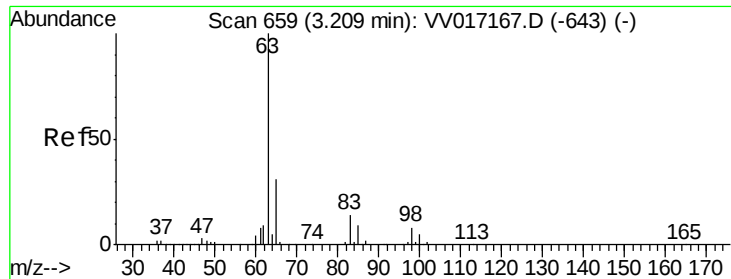
Ion Ratio Lower Upper

96 100

61 119.8 102.3 189.9

98 63.9 44.7 82.9

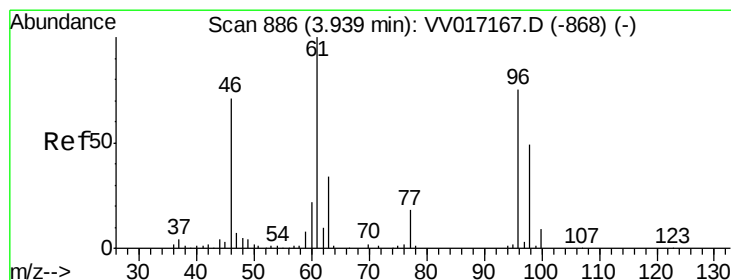
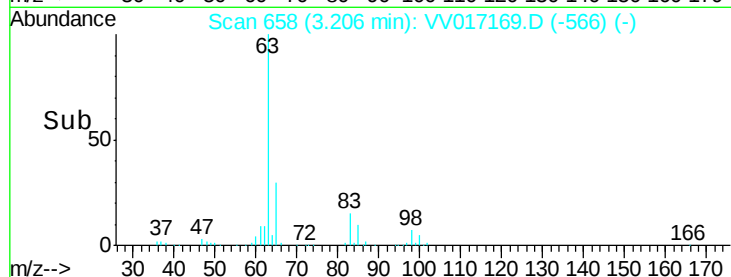
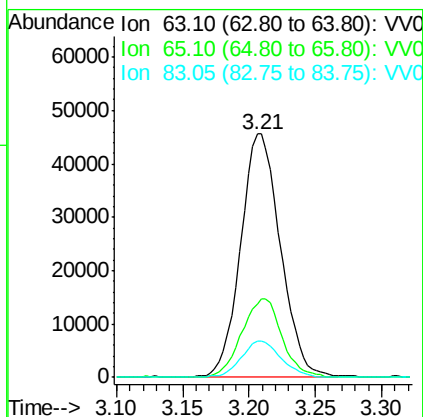
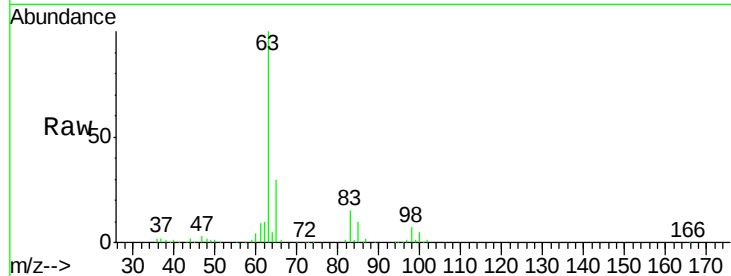




#19
 1,1-Dichloroethane
 Concen: 4.698 ug/L
 RT: 3.21 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VV017169.D
 Acq: 26 Jun 2020 09:35

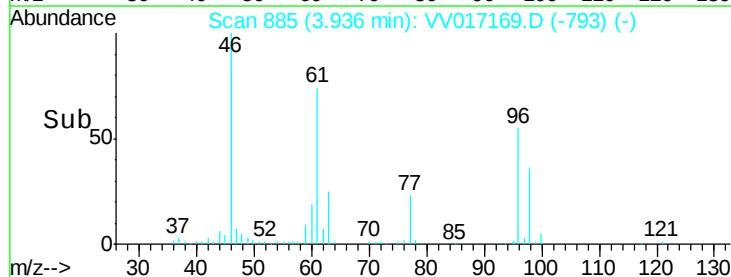
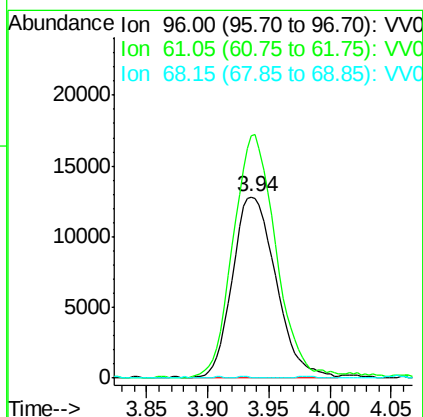
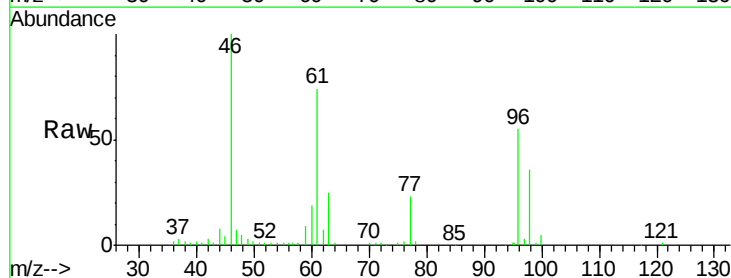
Instrument :
 MSVOA_V
 ClientSampleID :
 BFXN6DL

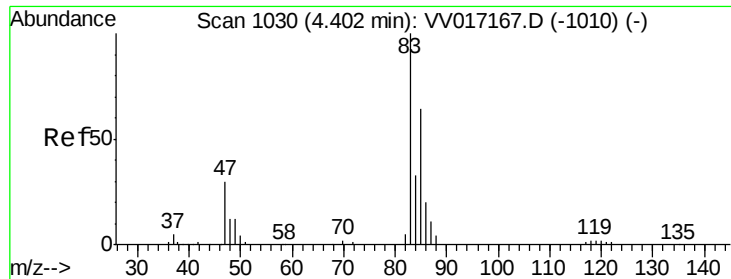
Tgt Ion: 63 Resp: 95127
 Ion Ratio Lower Upper
 63 100
 65 30.2 21.8 40.4
 83 15.1 9.7 17.9



#22
 cis-1,2-Dichloroethene
 Concen: 2.583 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV017169.D
 Acq: 26 Jun 2020 09:35

Tgt Ion: 96 Resp: 31839
 Ion Ratio Lower Upper
 96 100
 61 133.8 91.0 169.0
 68 0.0 0.0 0.0

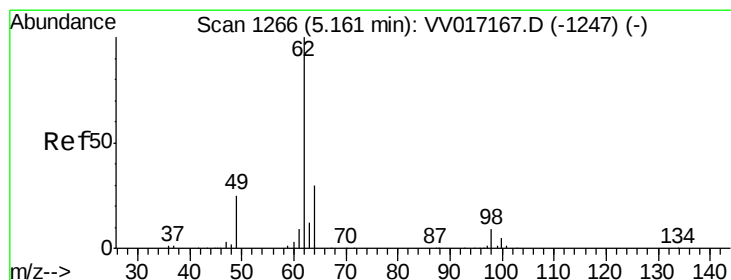
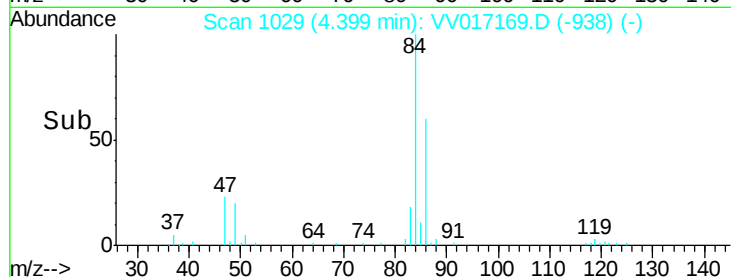
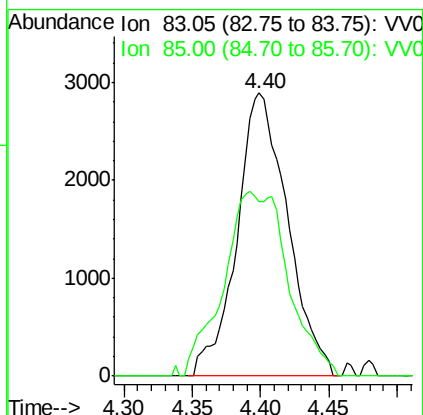
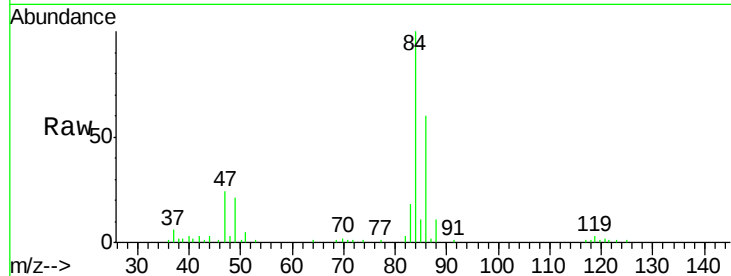




#25
Chloroform
Concen: 0.337 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

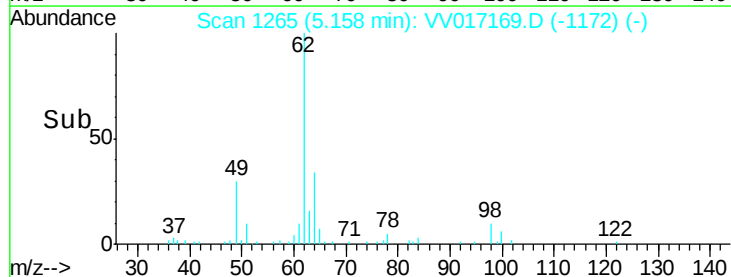
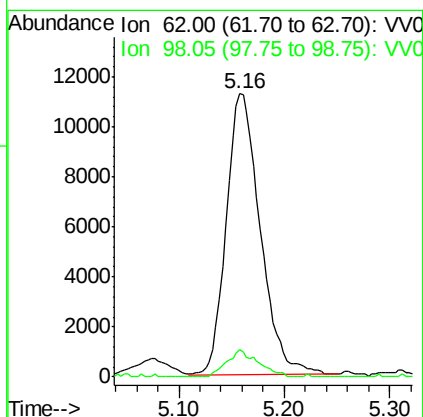
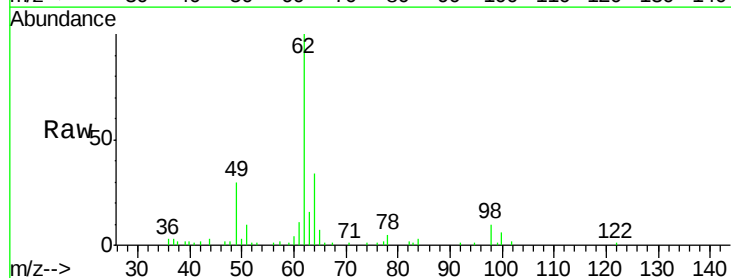
Instrument :
MSVOA_V
ClientSampleId :
BFXN6DL

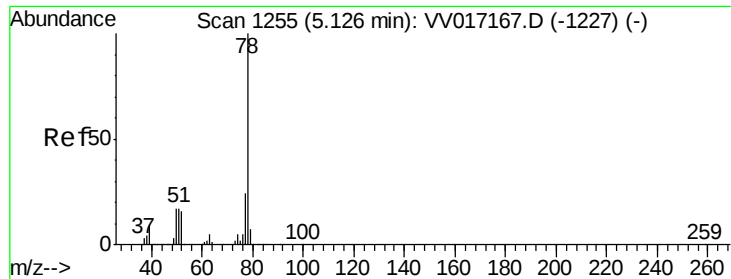
Tgt Ion: 83 Resp: 7449
Ion Ratio Lower Upper
83 100
85 61.8 44.2 82.2



#27
1,2-Dichloroethane
Concen: 1.835 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Tgt Ion: 62 Resp: 25218
Ion Ratio Lower Upper
62 100
98 9.7 6.7 10.1





#33

Benzene

Concen: 0.193 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV017169.D

Acq: 26 Jun 2020 09:35

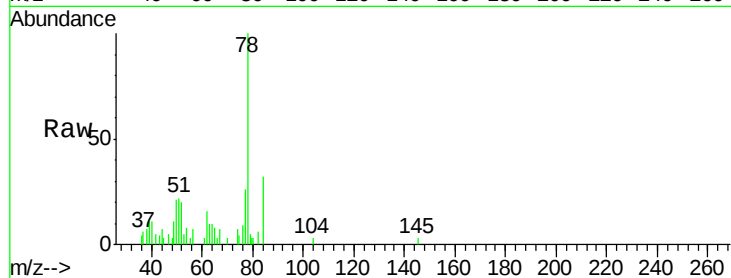
Instrument :

MSVOA_V

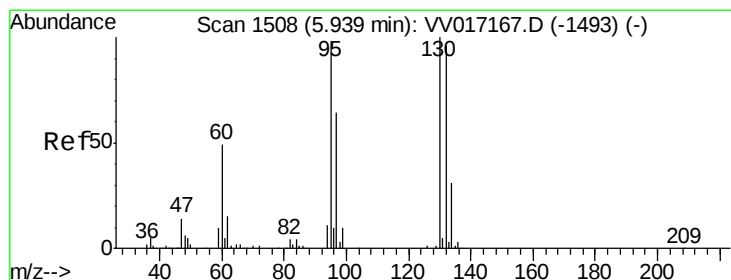
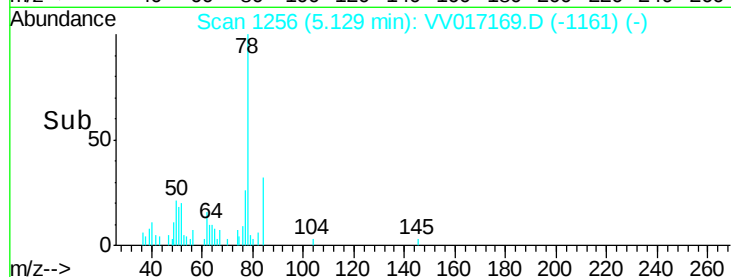
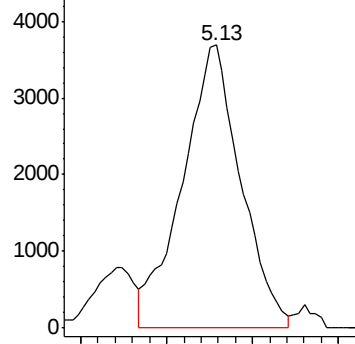
ClientSampleId :

BFXN6DL

Tgt Ion: 78 Resp: 8678



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.365 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017169.D

Acq: 26 Jun 2020 09:35

Tgt Ion: 95 Resp: 4789

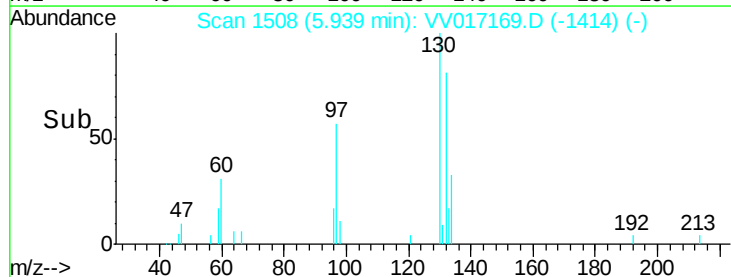
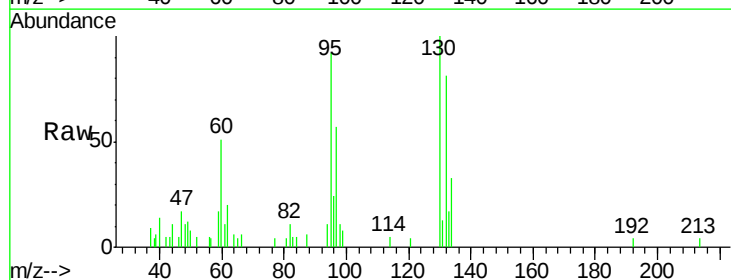
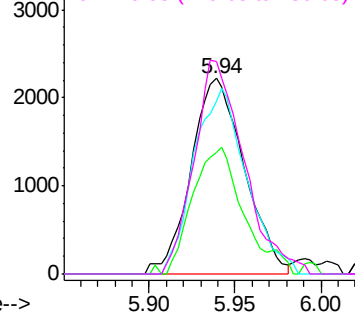
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.3	84.1
132	88.3	68.8	127.8
130	108.7	70.2	130.4

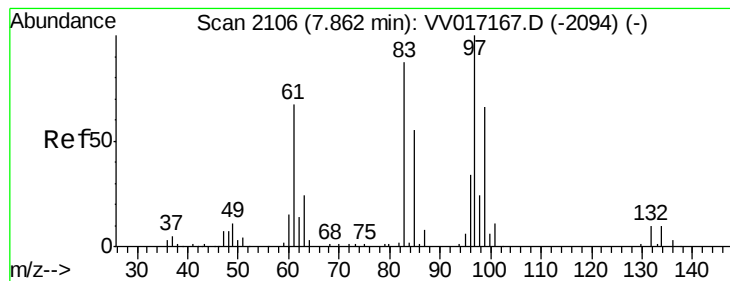
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#47

1,1,2-Trichloroethane

Concen: 0.649 ug/L

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VV017169.D

Acq: 26 Jun 2020 09:35

Instrument :

MSVOA_V

ClientSampleId :

BFXN6DL

Tgt Ion: 97 Resp: 5112

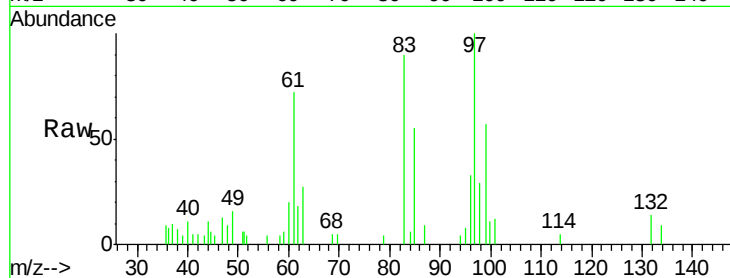
Ion Ratio Lower Upper

97 100

99 57.1 43.6 81.0

83 89.6 57.4 106.6

85 55.4 38.8 72.0

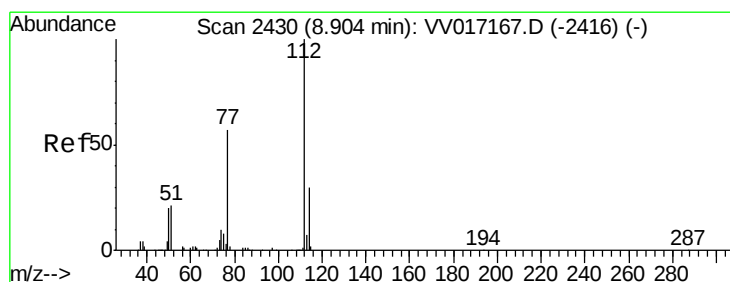
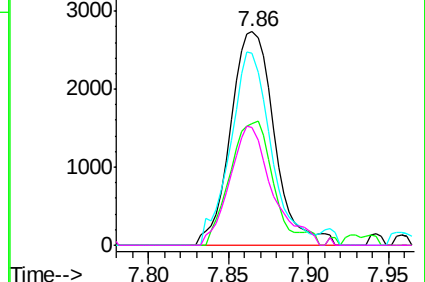
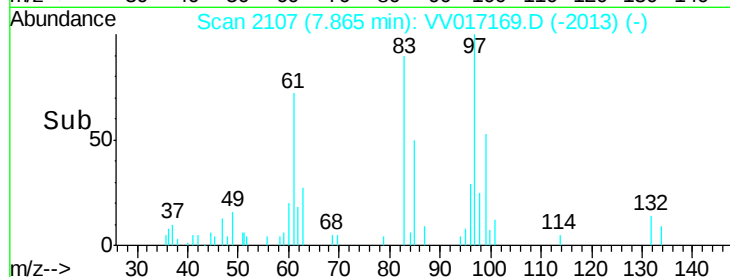


Abundance Ion 96.95 (96.65 to 97.65): VV0

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: 0.151 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV017169.D

Acq: 26 Jun 2020 09:35

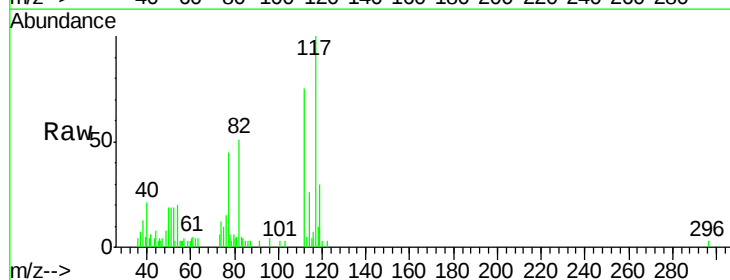
Tgt Ion: 112 Resp: 4904

Ion Ratio Lower Upper

112 100

114 35.1 22.0 41.0

77 59.7 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

