

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011411.D
 Acq On : 12 Jun 2019 01:32
 Operator : SY/MD
 Sample : K3289-06
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCW1

Quant Time: Jun 12 05:08:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	145374	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	137178	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30162	2.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.80%
7) Chloroethane-d5	1.55	69	29143	3.18	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.60%#
11) 1,1-Dichloroethene-d2	2.12	63	57927	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	3.94	46	139374	56.20	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.40%
24) Chloroform-d	4.40	84	76978	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.08	65	46461	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.09	84	141451	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.00%#
36) 1,2-Dichloropropane-d6	6.11	67	47081	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.40%
41) Toluene-d8	7.36	98	118044	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.60%#
43) trans-1,3-Dichloropropene-	7.66	79	13237	2.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.00%
46) 2-Hexanone-d5	8.13	63	99347	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38600	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	44038	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

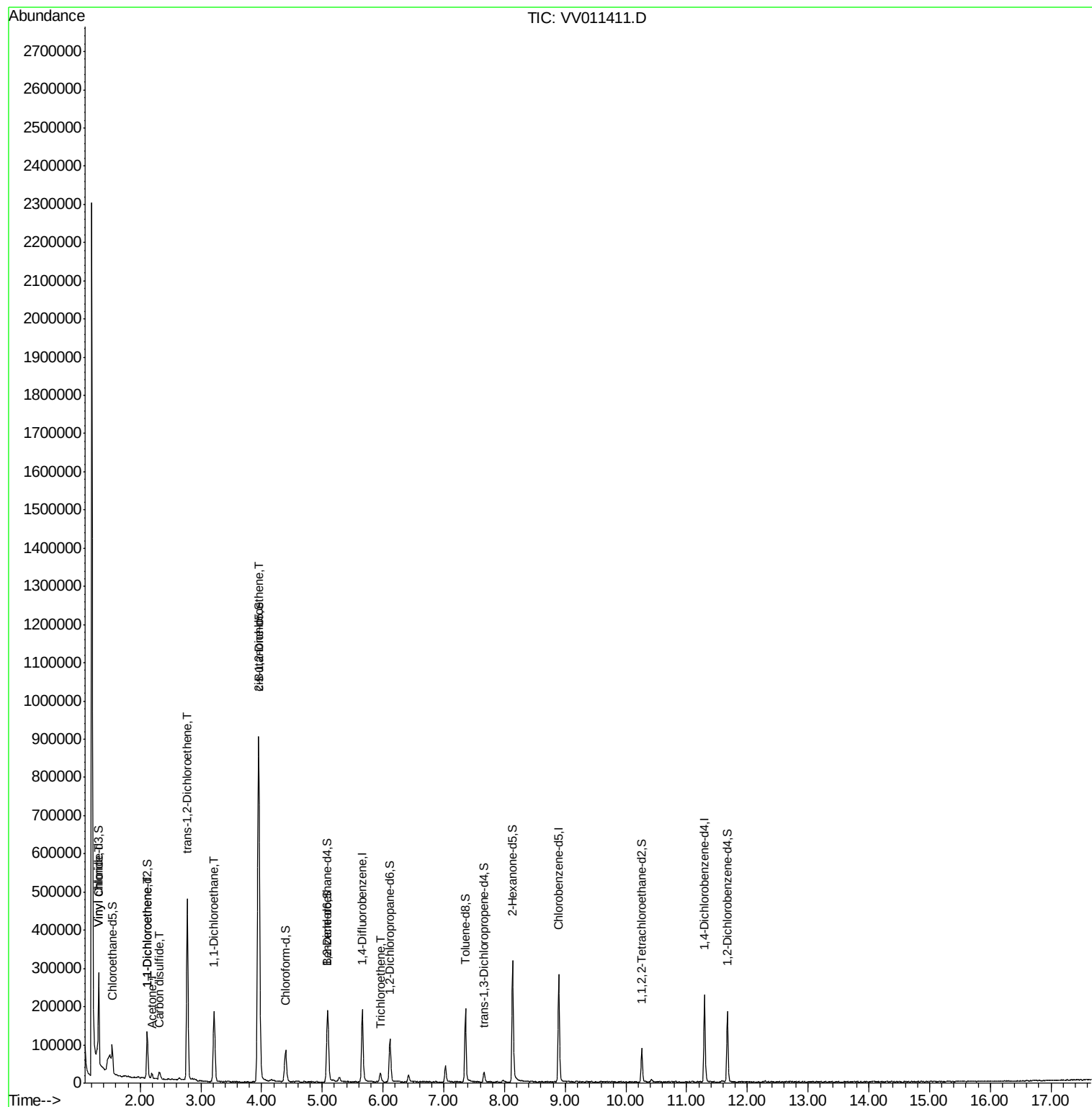
					Ovalue
5) Vinyl chloride	1.32	62	90950	6.800	ug/L # 58
12) 1,1-Dichloroethene	2.13	96	12468	1.361	ug/L # 56
13) Acetone	2.19	43	3905	2.348	ug/L 80
14) Carbon disulfide	2.31	76	21952	0.790	ug/L # 92
18) trans-1,2-Dichloroethene	2.78	96	156020	15.214	ug/L 96
19) 1,1-Dichloroethane	3.22	63	180136	8.905	ug/L 100
22) cis-1,2-Dichloroethene	3.95	96	421254	37.092	ug/L 97
34) Trichloroethene	5.96	95	7271	0.645	ug/L 89

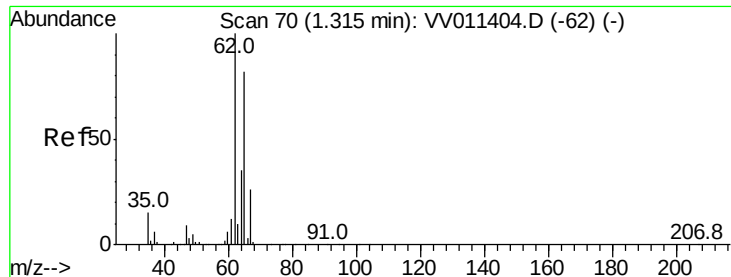
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 04:39:23 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.800 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011411.D

Acq: 12 Jun 2019 01:32

Instrument :

MSVOA_V

ClientSampleId :

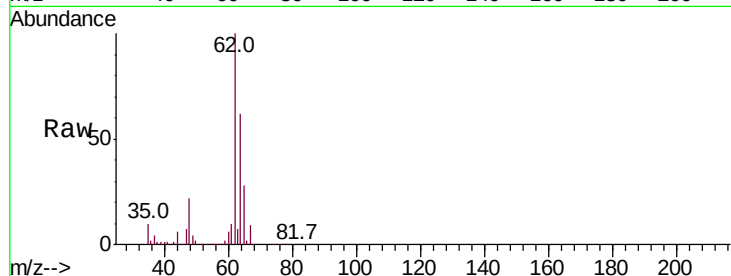
BFCW1

Tot Ion: 62 Resp: 90950

Ion Ratio Lower Upper

62 100

64 62.3 25.9 48.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

100000

80000

60000

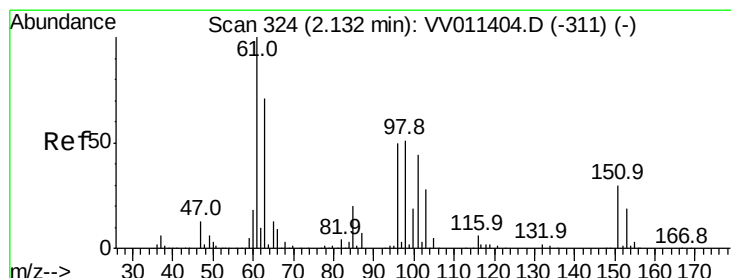
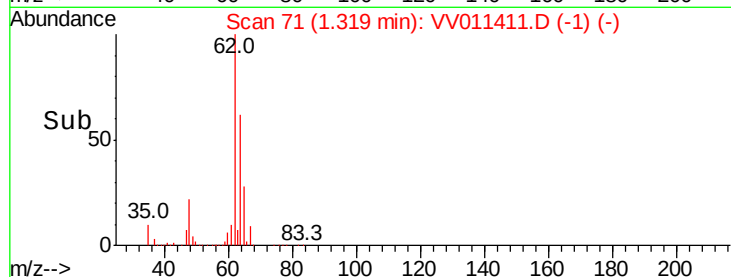
40000

20000

0

1.30 1.35 1.40

Time-->



#12

1,1-Dichloroethene

Concen: 1.361 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV011411.D

Acq: 12 Jun 2019 01:32

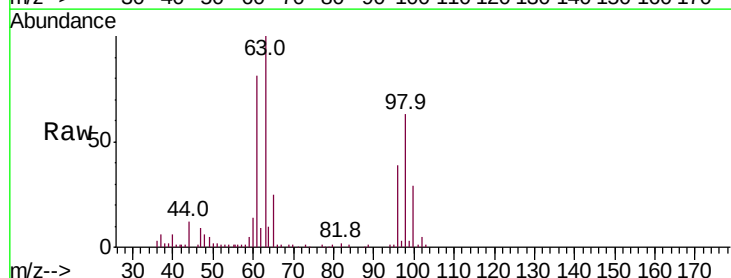
Tgt Ion: 96 Resp: 12468

Ion Ratio Lower Upper

96 100

61 207.6 139.8 259.6

63 255.7 94.3 175.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

50000

40000

30000

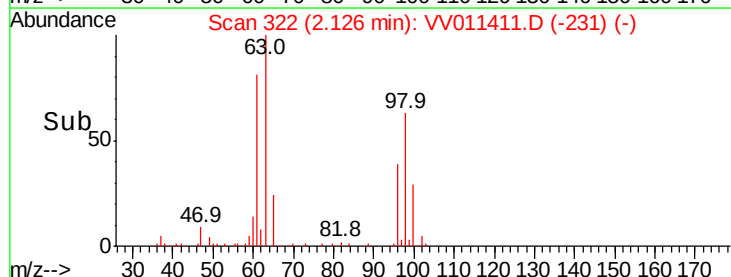
20000

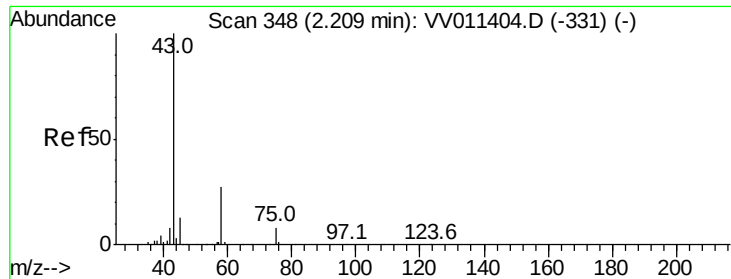
10000

0

2.10 2.15

Time-->





#13

Acetone

Concen: 2.348 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV011411.D

Acq: 12 Jun 2019 01:32

Instrument :

MSVOA_V

ClientSampleId :

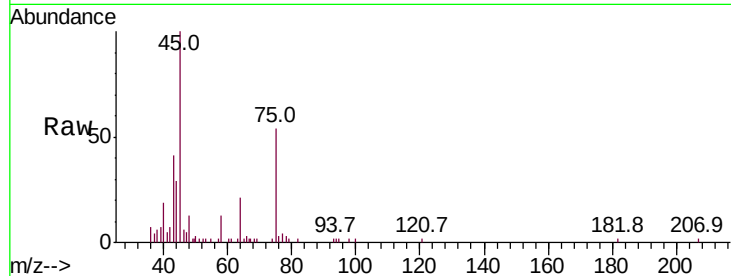
BFCW1

Tot Ion: 43 Resp: 3905

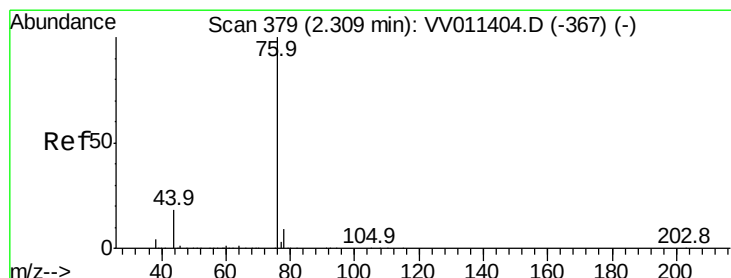
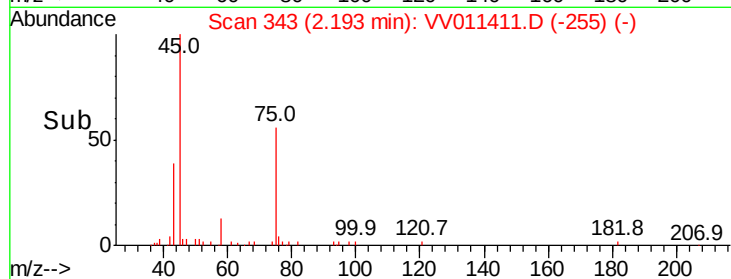
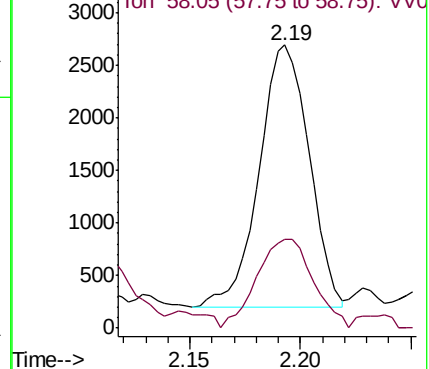
Ion Ratio Lower Upper

43 100

58 38.2 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011404.D (-331) (-)



#14

Carbon disulfide

Concen: 0.790 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV011411.D

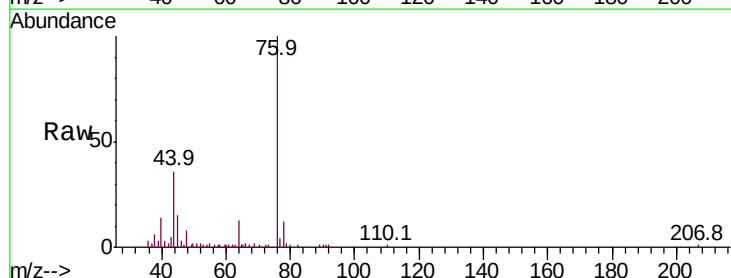
Acq: 12 Jun 2019 01:32

Tgt Ion: 76 Resp: 21952

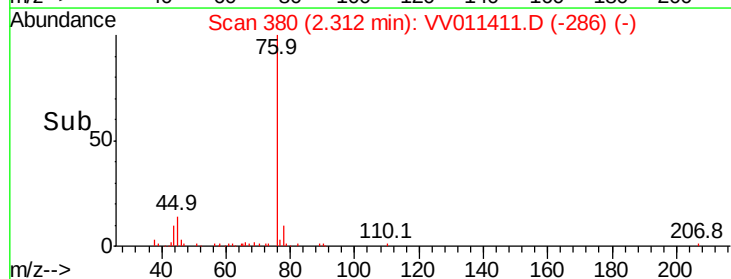
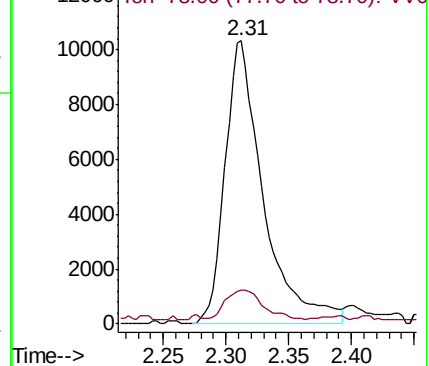
Ion Ratio Lower Upper

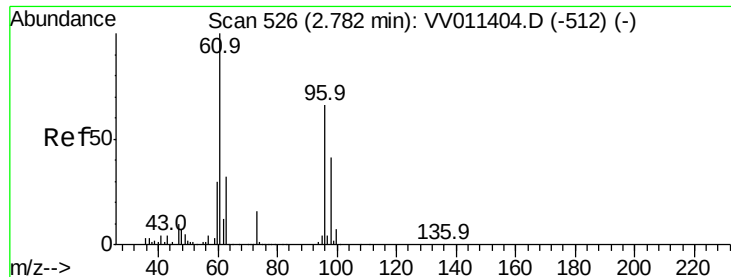
76 100

78 12.0 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV011404.D (-367) (-)





#18

trans-1,2-Dichloroethene

Concen: 15.214 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV011411.D

Acq: 12 Jun 2019 01:32

Instrument :

MSVOA_V

ClientSampleId :

BFCW1

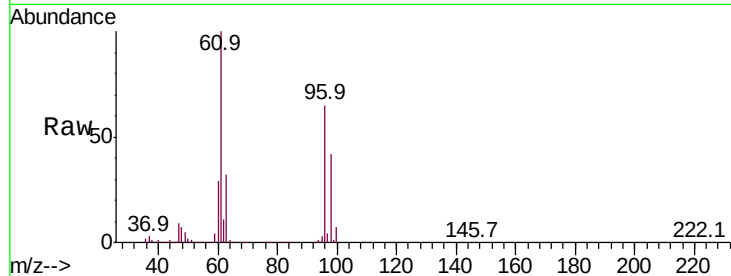
Tot Ion: 96 Resp: 156020

Ion Ratio Lower Upper

96 100

61 154.3 104.0 193.2

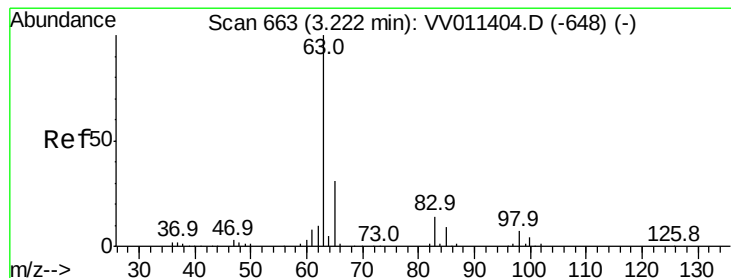
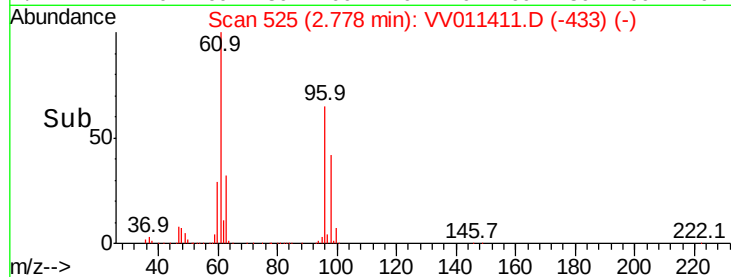
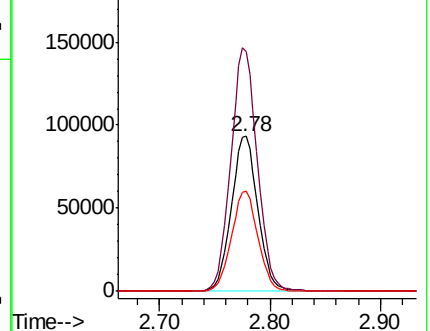
98 64.3 45.7 84.9



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: 8.905 ug/L

RT: 3.22 min Scan# 662

Delta R.T. -0.00 min

Lab File: VV011411.D

Acq: 12 Jun 2019 01:32

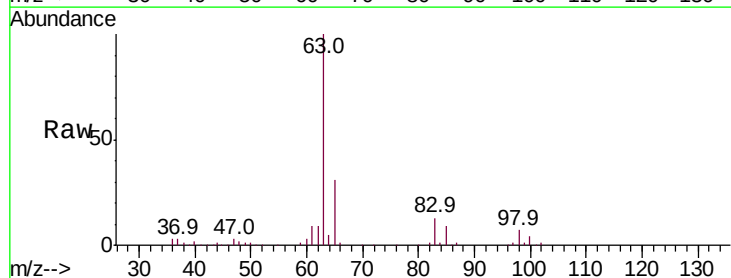
Tgt Ion: 63 Resp: 180136

Ion Ratio Lower Upper

63 100

65 31.5 22.1 41.1

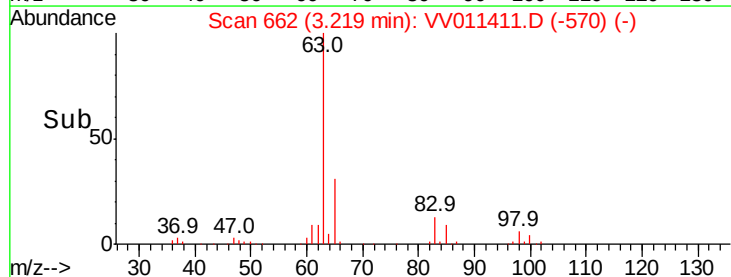
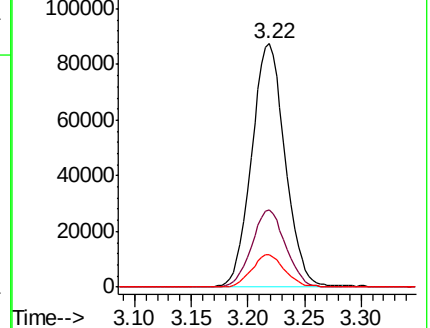
83 13.2 9.2 17.0

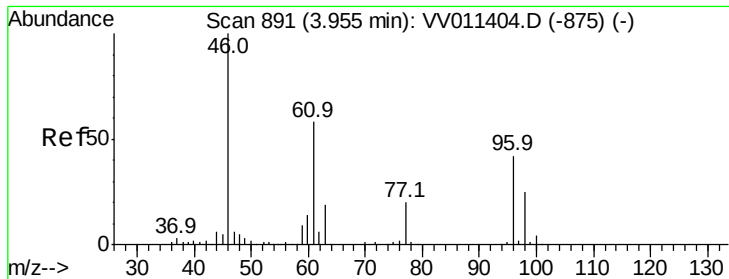


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



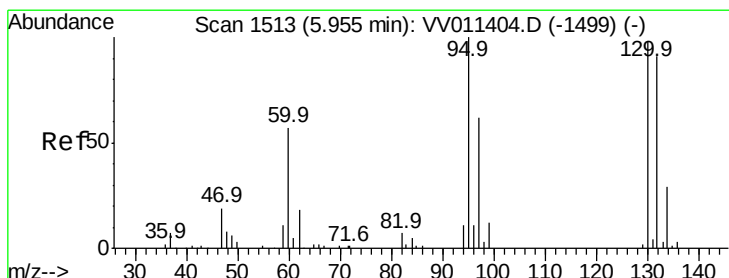
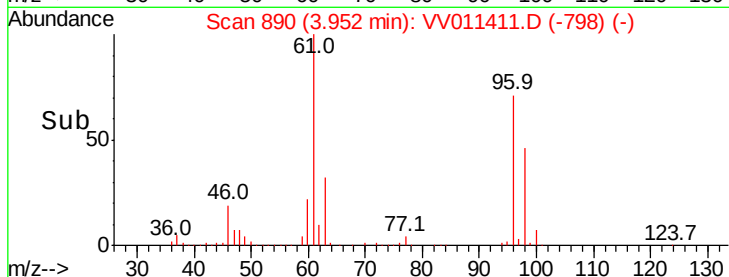
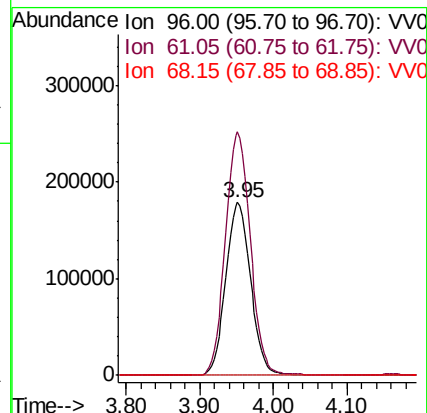
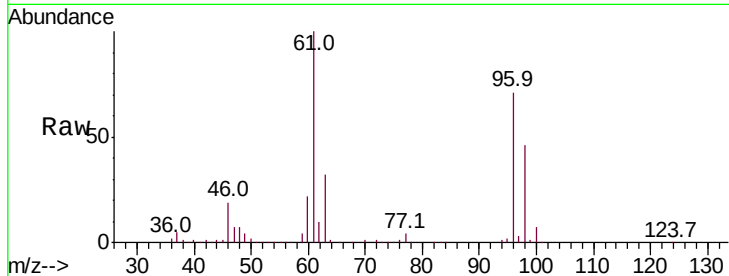


#22

cis-1,2-Dichloroethene
Concen: 37.092 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV011411.D
Acq: 12 Jun 2019 01:32

Instrument :
MSVOA_V
ClientSampleId :
BFCW1

Tot Ion: 96 Resp: 421254
Ion Ratio Lower Upper
96 100
61 140.6 100.8 187.2
68 0.0 0.0 0.0



#34

Trichloroethene
Concen: 0.645 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011411.D
Acq: 12 Jun 2019 01:32

Tgt Ion: 95 Resp: 7271
Ion Ratio Lower Upper
95 100
97 62.4 45.8 85.2
132 86.3 66.4 123.2
130 79.6 68.3 126.8

