

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061219\
 Data File : VV011424.D
 Acq On : 12 Jun 2019 16:08
 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 13 11:44:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 13 01:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135612	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46324	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46843	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.56	69	36258	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.12	63	86062	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.95	46	119599	51.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.40%
24) Chloroform-d	4.40	84	89434	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.08	65	50626	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.09	84	178592	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	53890	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	153914	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.66	79	14612	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.14	63	85405	48.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35189	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	45286	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

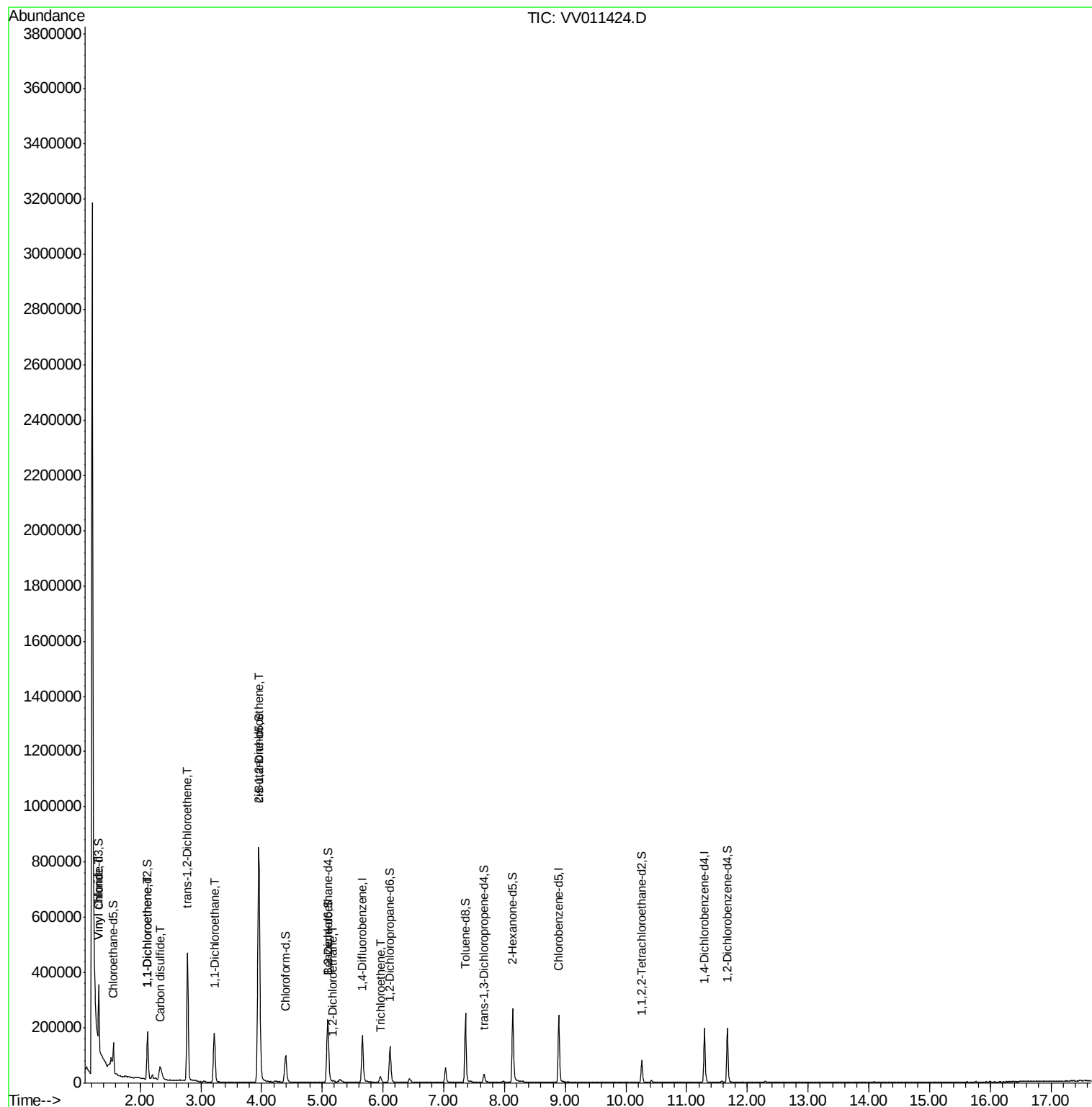
					Ovalue
5) Vinyl chloride	1.32	62	84871	6.802	ug/L # 1
12) 1,1-Dichloroethene	2.13	96	12742	1.491	ug/L # 1
14) Carbon disulfide	2.33	76	106036	4.091	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	151996	15.889	ug/L 94
19) 1,1-Dichloroethane	3.22	63	174181	9.231	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	405197	38.247	ug/L 97
27) 1,2-Dichloroethane	5.18	62	2631	0.221	ug/L # 91
34) Trichloroethene	5.96	95	6745	0.691	ug/L 93

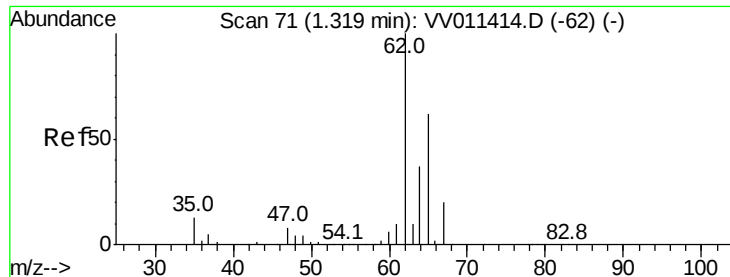
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 13 01:13:22 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.802 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

Instrument :

MSVOA_V

ClientSampled :

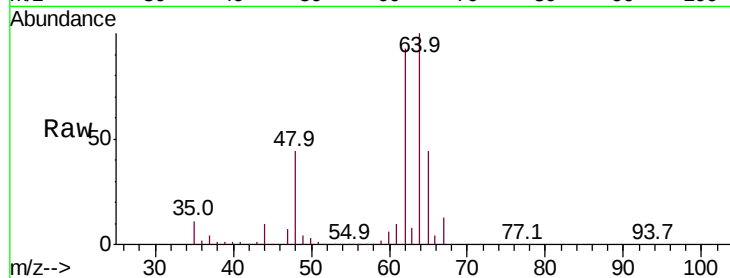
BFCW1

Tot Ion: 62 Resp: 84871

Ion Ratio Lower Upper

62 100

64 107.6 25.9 48.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

250000

200000

150000

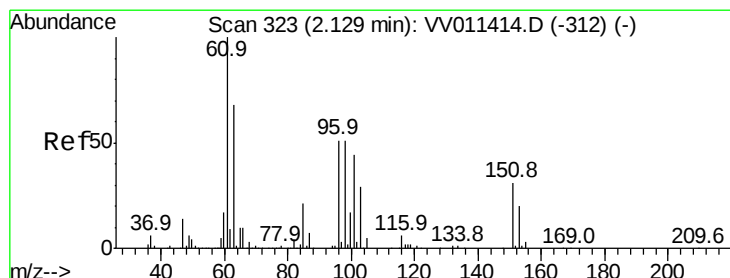
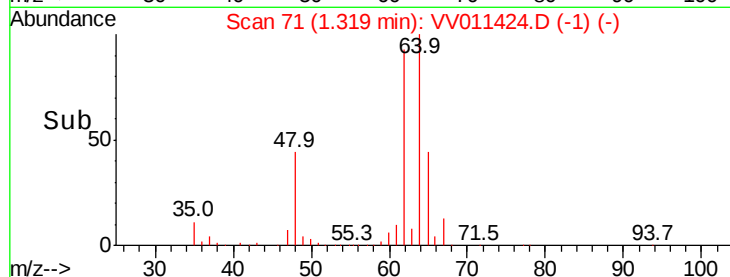
100000

50000

0

1.25 1.30 1.35 1.40

Time-->



#12

1,1-Dichloroethene

Concen: 1.491 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

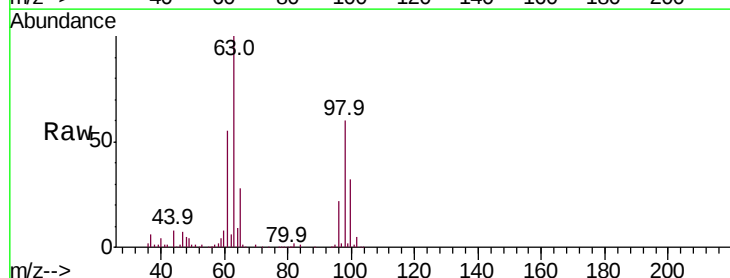
Tgt Ion: 96 Resp: 12742

Ion Ratio Lower Upper

96 100

61 246.9 139.8 259.6

63 446.8 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

80000

60000

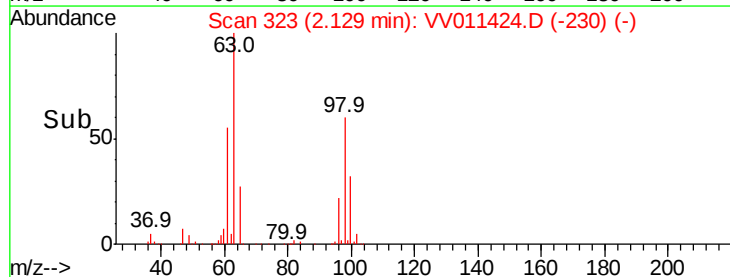
40000

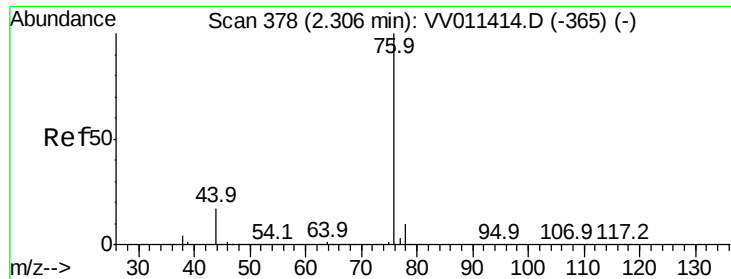
20000

0

2.10 2.15 2.20

Time-->





#14

Carbon disulfide

Concen: 4.091 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

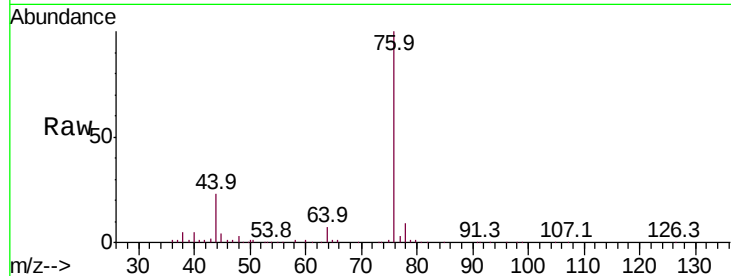
BFCW1

Tot Ion: 76 Resp: 106036

Ion Ratio Lower Upper

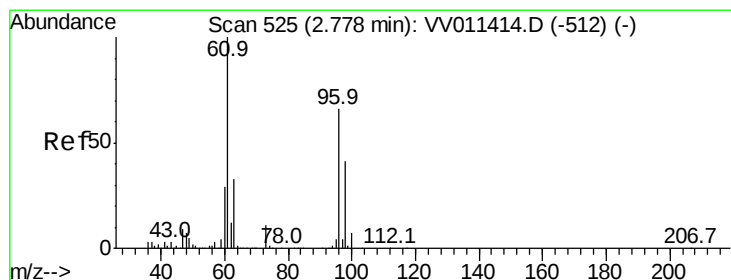
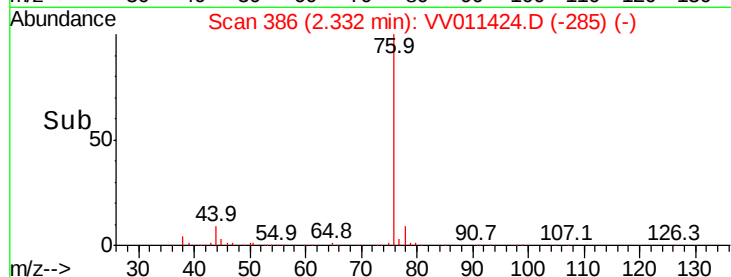
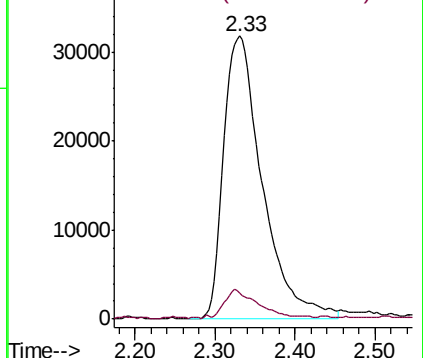
76 100

78 9.4 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#18

trans-1,2-Dichloroethene

Concen: 15.889 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

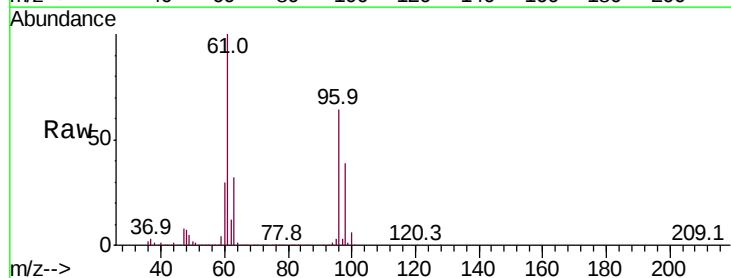
Tgt Ion: 96 Resp: 151996

Ion Ratio Lower Upper

96 100

61 157.1 104.0 193.2

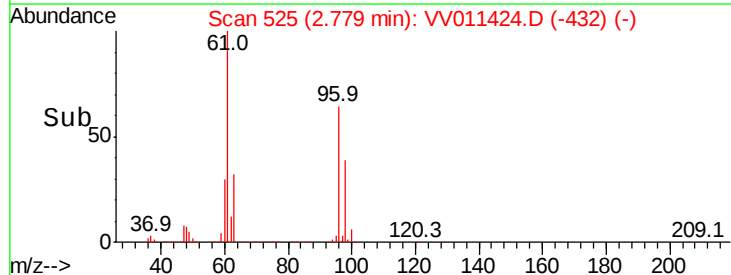
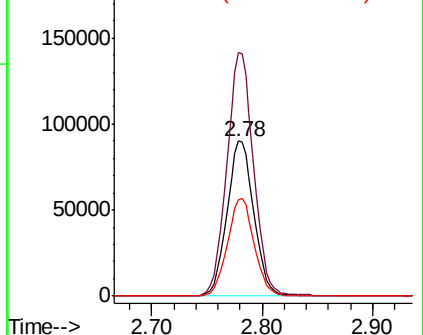
98 61.9 45.7 84.9

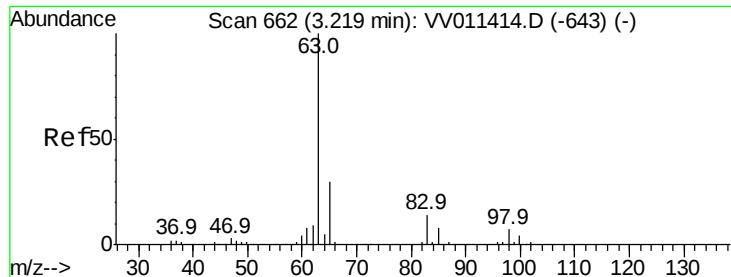


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#19

1,1-Dichloroethane

Concen: 9.231 ug/L

RT: 3.22 min Scan# 663

Delta R.T. 0.00 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

Instrument :

MSVOA_V

ClientSampled :

BFCW1

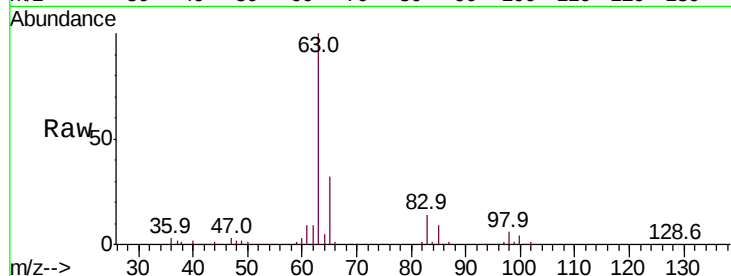
Tot Ion: 63 Resp: 174181

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

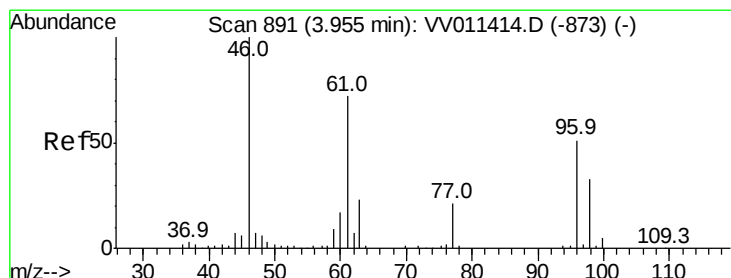
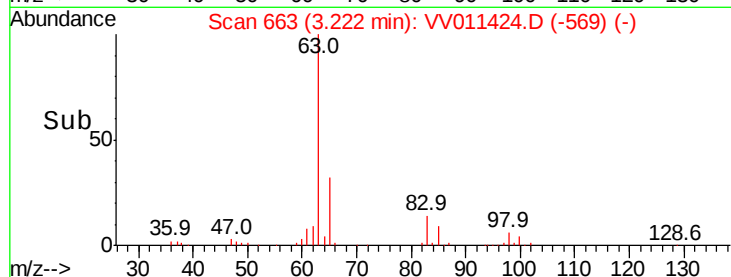
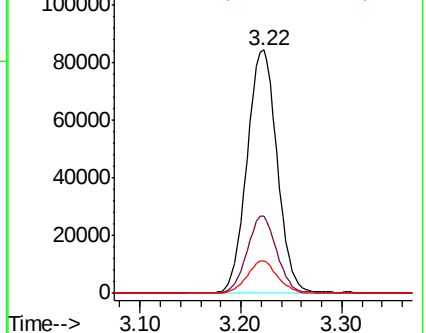
83 13.5 9.2 17.0



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: 38.247 ug/L

RT: 3.96 min Scan# 891

Delta R.T. 0.00 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

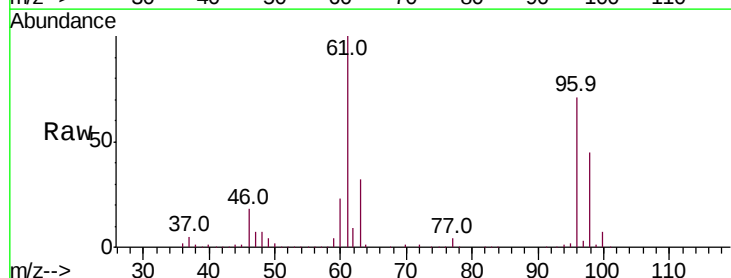
Tgt Ion: 96 Resp: 405197

Ion Ratio Lower Upper

96 100

61 140.2 100.8 187.2

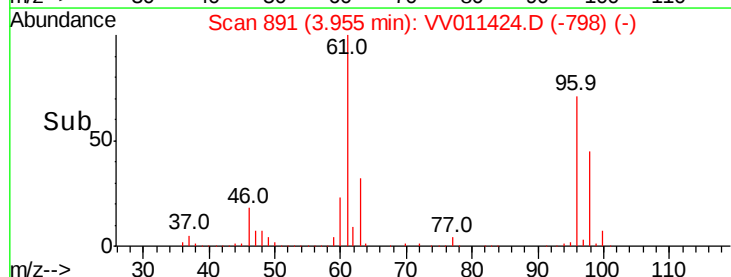
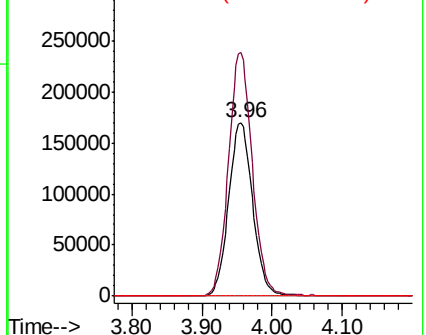
68 0.0 0.0 0.0

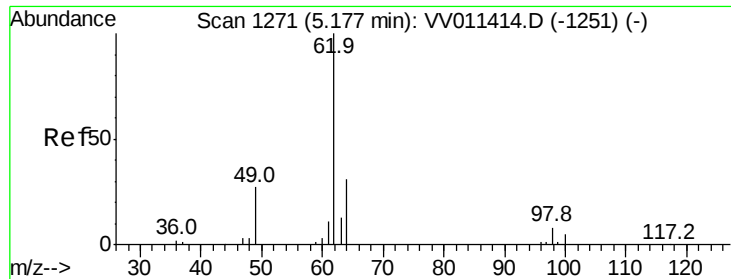


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#27

1,2-Dichloroethane

Concen: 0.221 ug/L

RT: 5.18 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

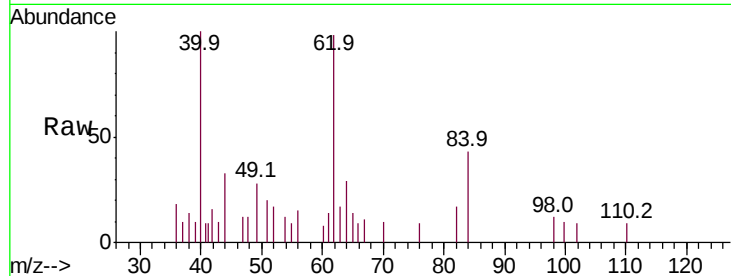
BFCW1

Tot Ion: 62 Resp: 2631

Ion Ratio Lower Upper

62 100

98 11.8 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

1500

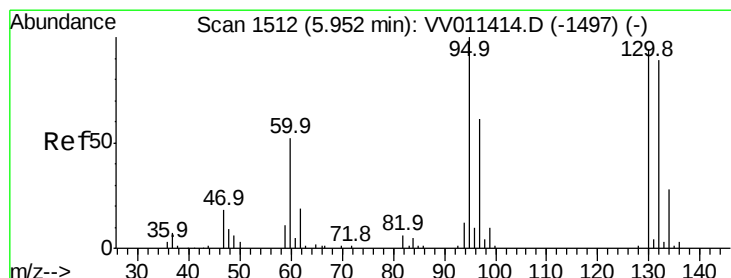
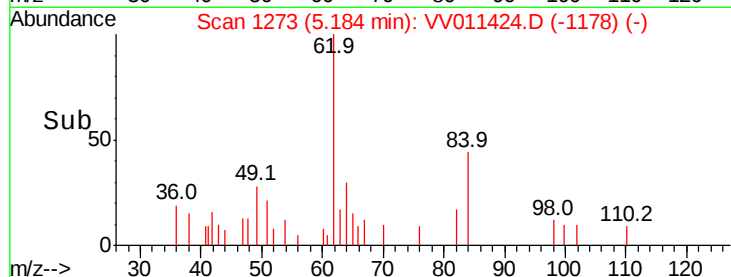
1000

500

0

5.15 5.20 5.25

Time-->



#34

Trichloroethene

Concen: 0.691 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

Tgt Ion: 95 Resp: 6745

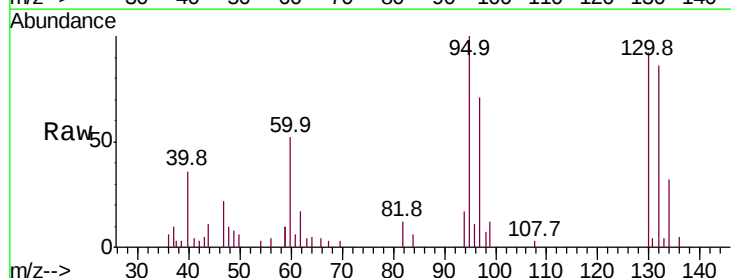
Ion Ratio Lower Upper

95 100

97 70.7 45.8 85.2

132 86.5 66.4 123.2

130 91.9 68.3 126.8



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

5000

4000

3000

2000

1000

0

5.90 5.95 6.00

Time-->

