

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 01:17:28 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

					Qvalue
3) Chloromethane	1.21	50	75729	5.856 ug/L #	44
5) Vinyl chloride	1.32	62	84871	6.802 ug/L #	1
6) Bromomethane	1.52	94	7155	1.102 ug/L	97
8) Chloroethane	1.32	64	431715	54.147 ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	846	0.096 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	12742	1.491 ug/L #	1
13) Acetone	2.20	43	4284	2.762 ug/L	94
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
35) Methylcyclohexane	6.12	83	13497	0.837 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7251	0.772 ug/L #	91
39) cis-1,3-Dichloropropene	7.03	75	1599	0.116 ug/L #	58
48) 2-Hexanone	8.14	43	11881	2.846 ug/L #	73

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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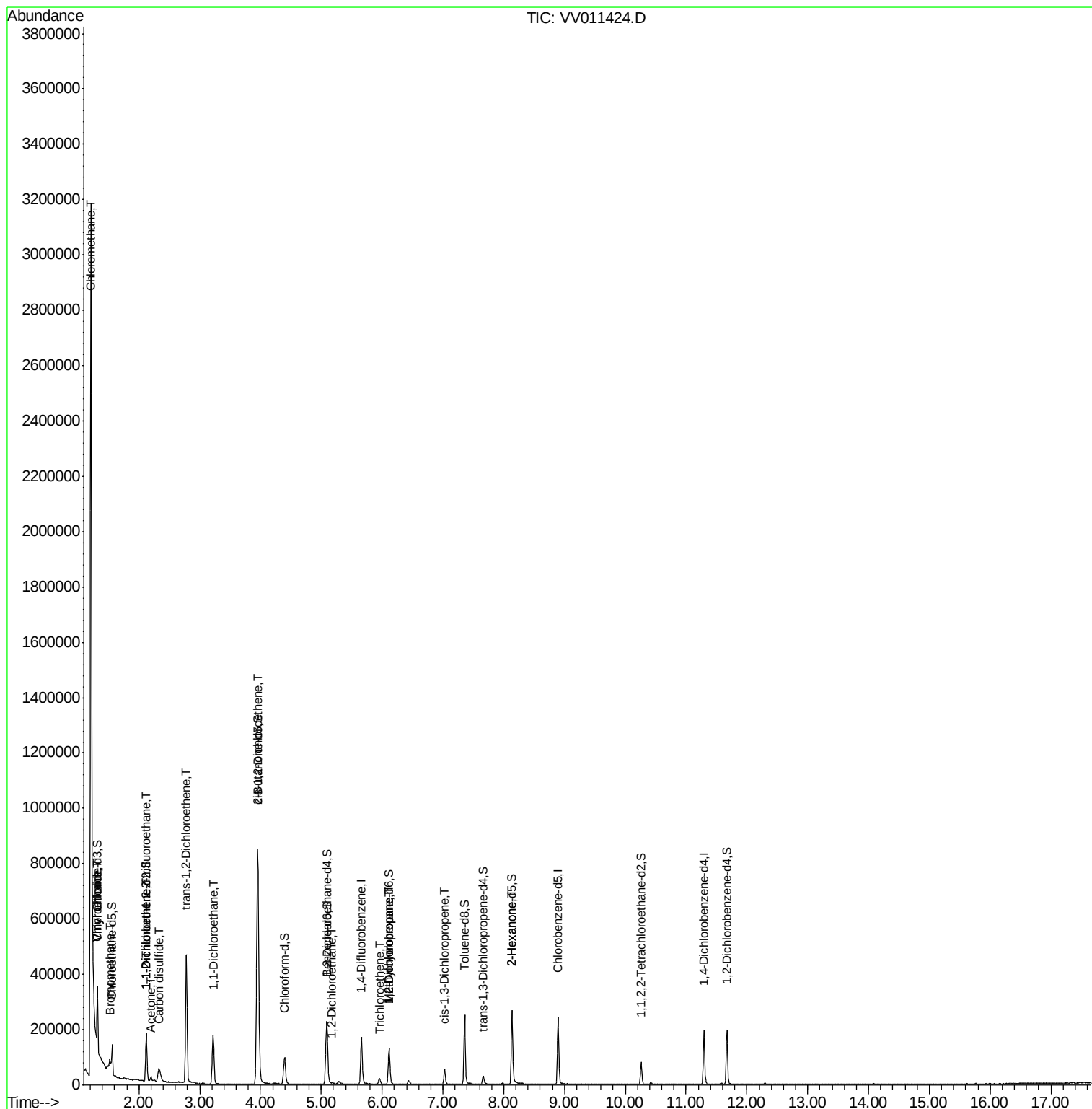
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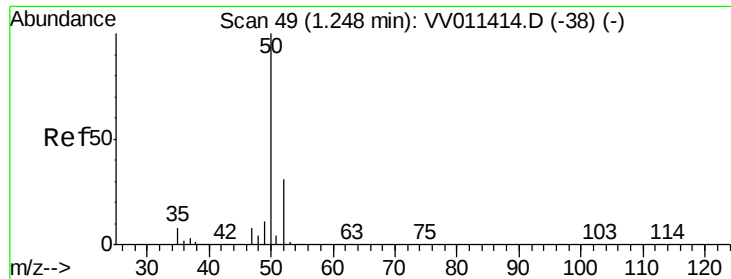
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 5.856 ug/L

RT: 1.21 min Scan# 37

Delta R.T. -0.04 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

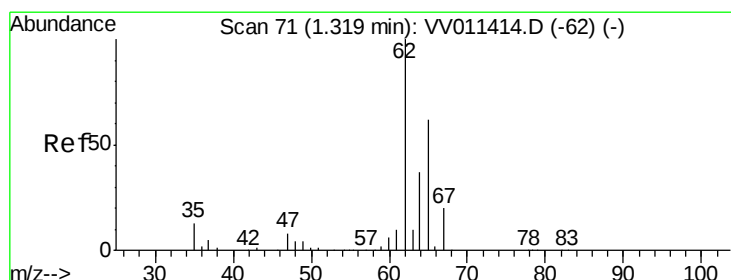
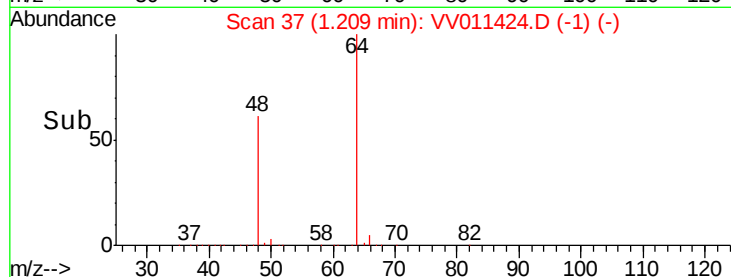
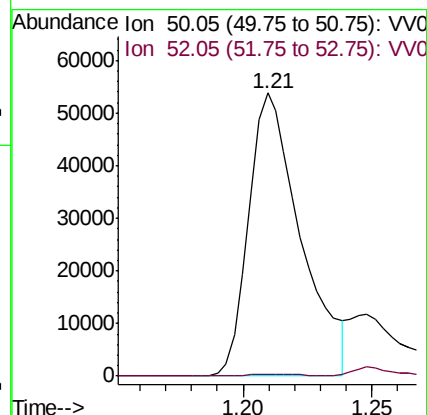
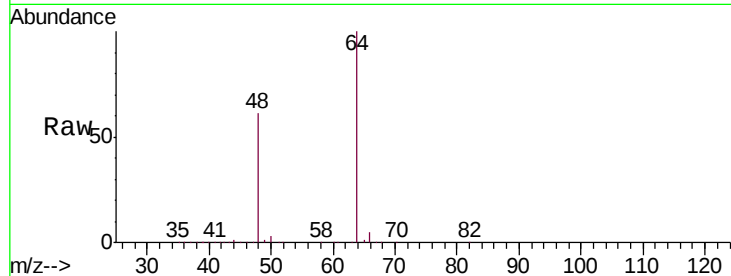
BFCW1

Tgt Ion: 50 Resp: 75729

Ion Ratio Lower Upper

50 100

52 0.7 22.3 41.5#



#5

Vinyl chloride

Concen: 6.802 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011424.D

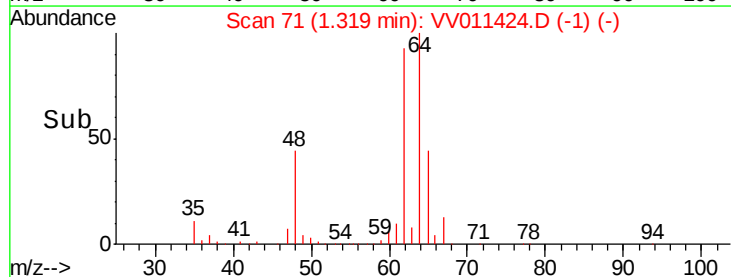
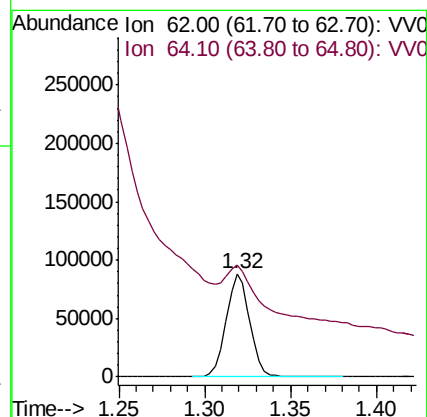
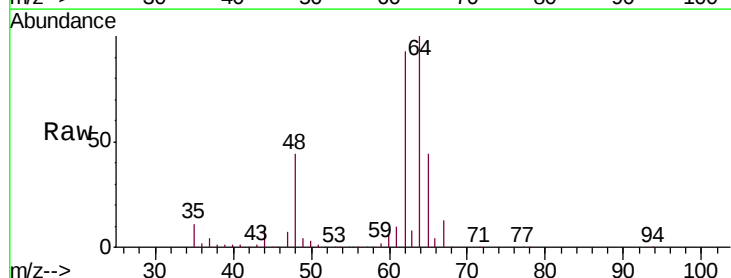
Acq: 12 Jun 2019 16:08

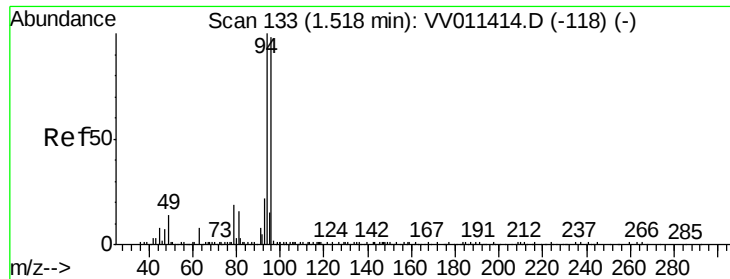
Tgt Ion: 62 Resp: 84871

Ion Ratio Lower Upper

62 100

64 107.6 25.9 48.1#





#6

Bromomethane

Concen: 1.102 ug/L

RT: 1.52 min Scan# 135

Delta R.T. 0.01 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

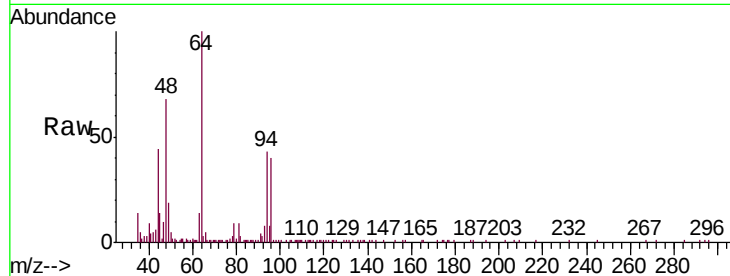
BFCW1

Tgt Ion: 94 Resp: 7155

Ion Ratio Lower Upper

94 100

96 93.0 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

8000

6000

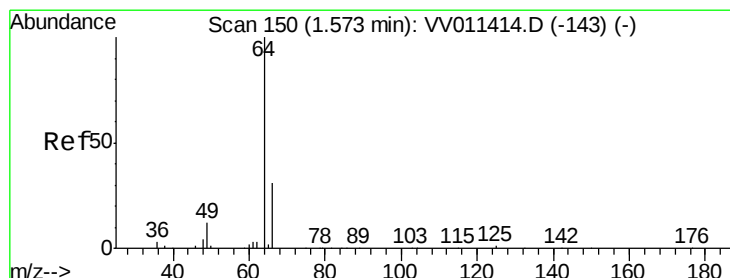
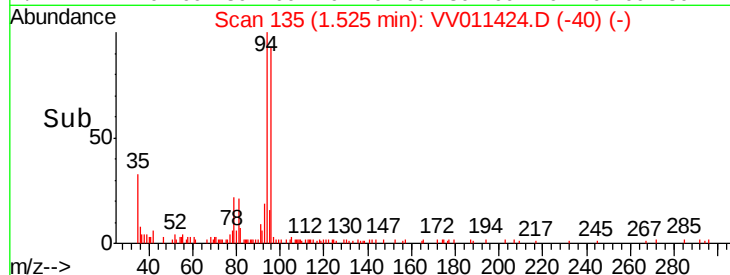
4000

2000

0

1.48 1.50 1.52 1.54 1.56

Time-->



#8

Chloroethane

Concen: 54.147 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.25 min

Lab File: VV011424.D

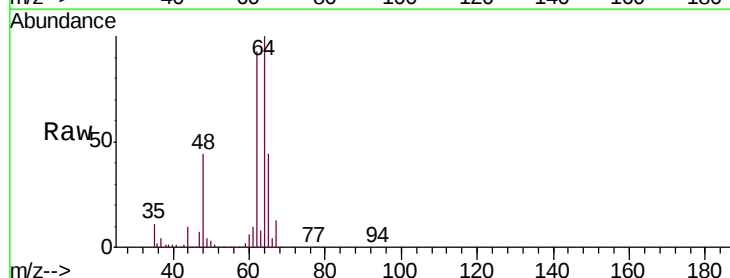
Acq: 12 Jun 2019 16:08

Tgt Ion: 64 Resp: 431715

Ion Ratio Lower Upper

64 100

66 4.5 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

2000000

1500000

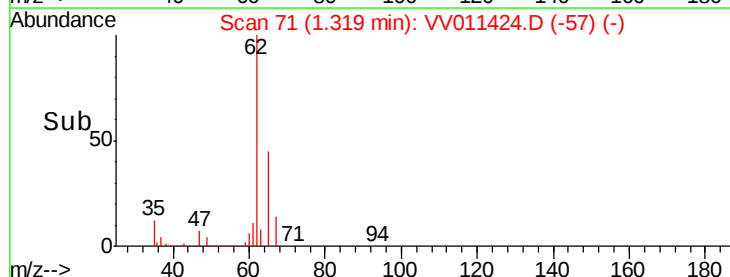
1000000

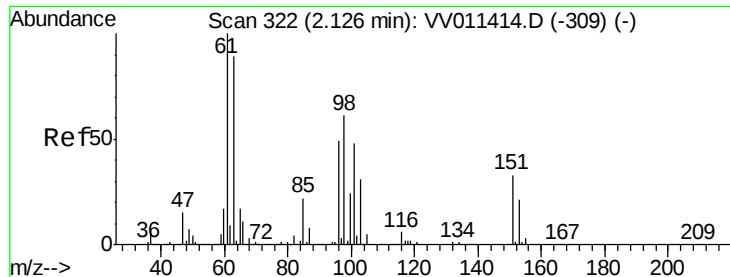
500000

0

1.20 1.40 1.60

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.096 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

BFCW1

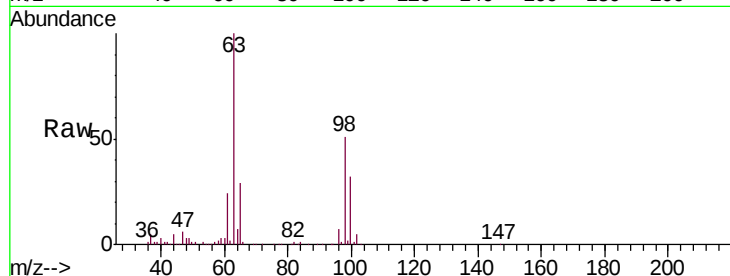
Tgt Ion: 101 Resp: 846

Ion Ratio Lower Upper

101 100

85 2.2 35.5 53.3#

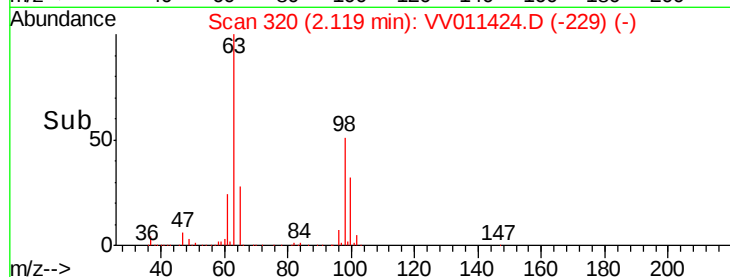
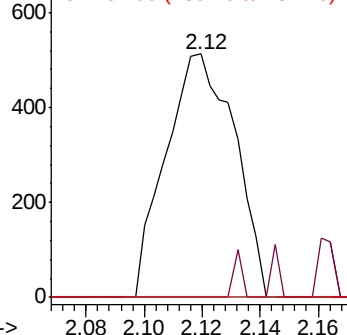
151 0.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#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

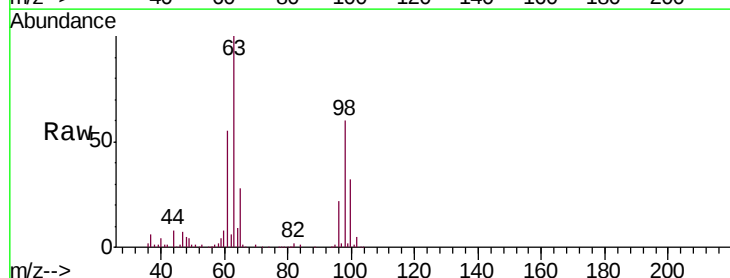
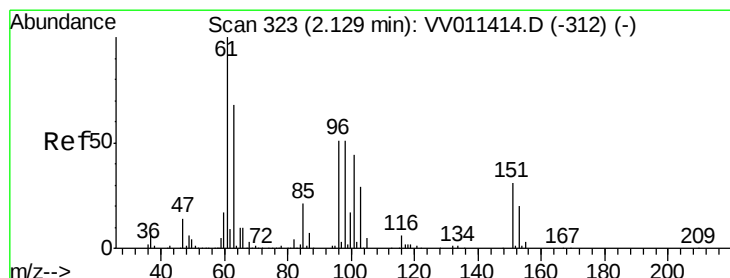
Tgt Ion: 96 Resp: 12742

Ion Ratio Lower Upper

96 100

61 246.9 139.8 259.6

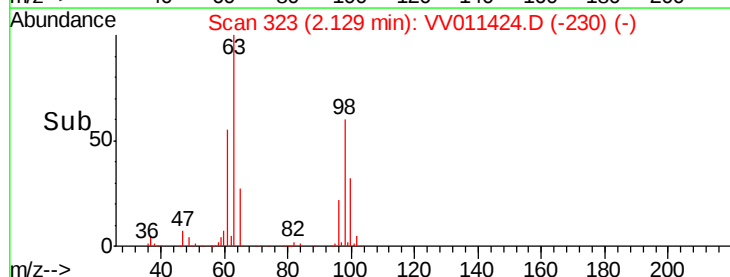
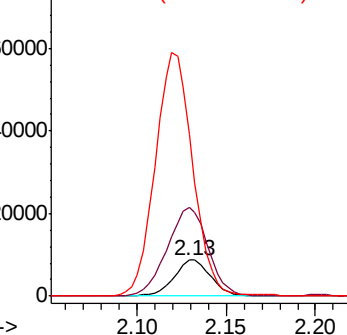
63 446.8 94.3 175.1#

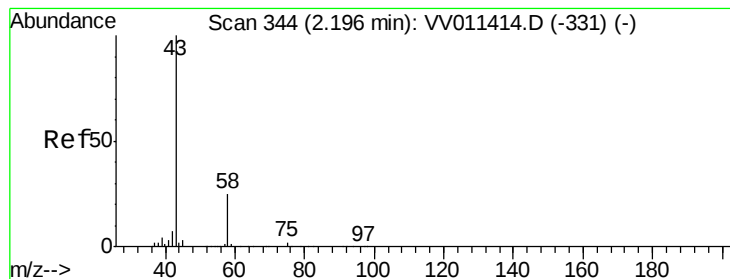


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.762 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

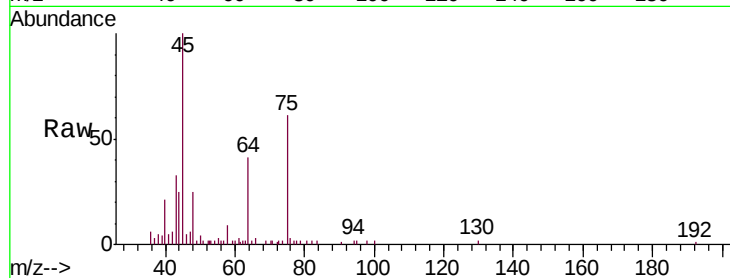
BFCW1

Tgt Ion: 43 Resp: 4284

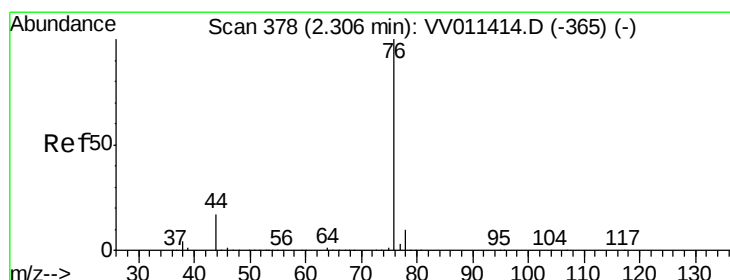
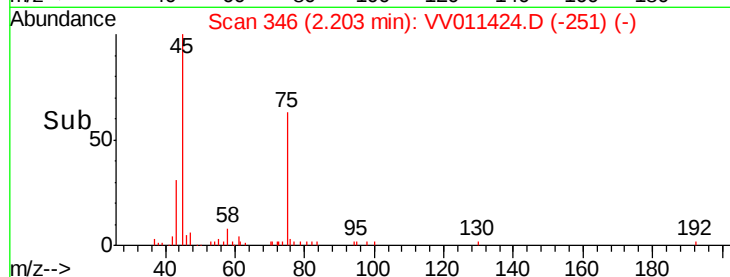
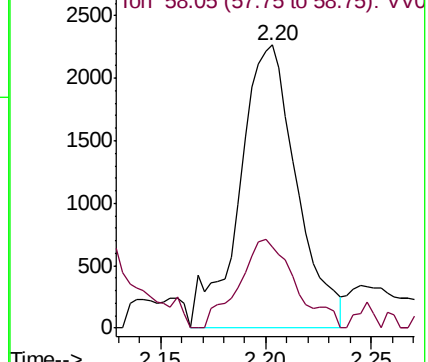
Ion Ratio Lower Upper

43 100

58 30.7 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011414.D (-331) (-)



#14

Carbon disulfide

Concen: 4.091 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VV011424.D

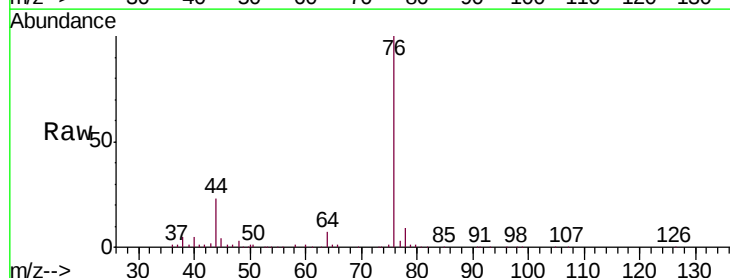
Acq: 12 Jun 2019 16:08

Tgt Ion: 76 Resp: 106036

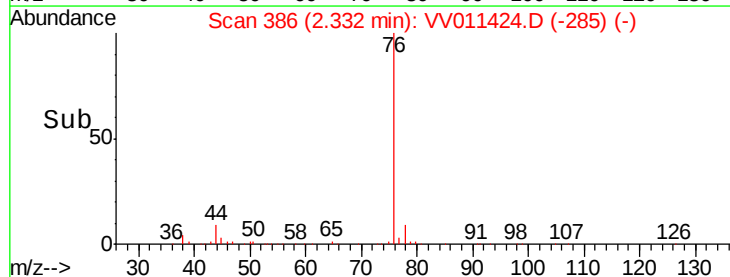
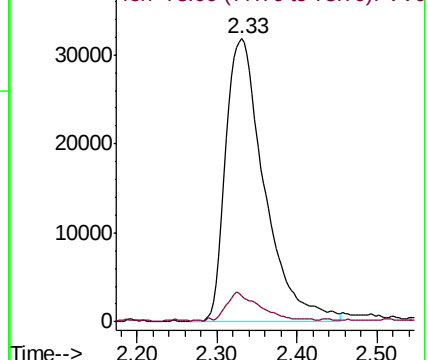
Ion Ratio Lower Upper

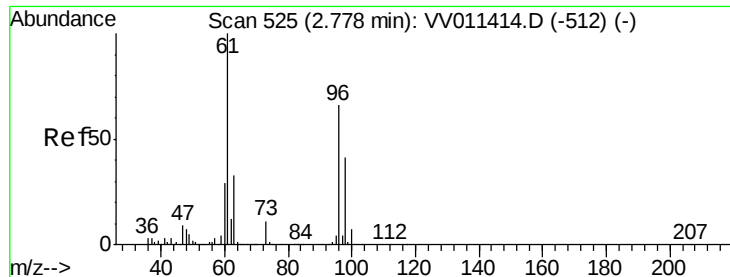
76 100

78 9.4 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV011414.D (-365) (-)





#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

Instrument :

MSVOA_V

ClientSampleId :

BFCW1

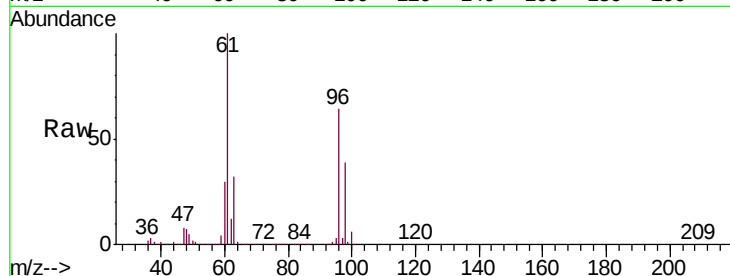
Tgt Ion: 96 Resp: 151996

Ion Ratio Lower Upper

96 100

61 157.1 104.0 193.2

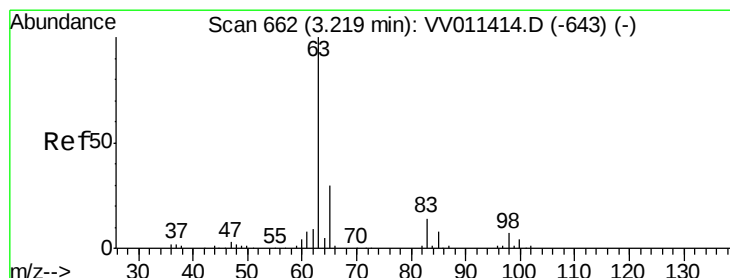
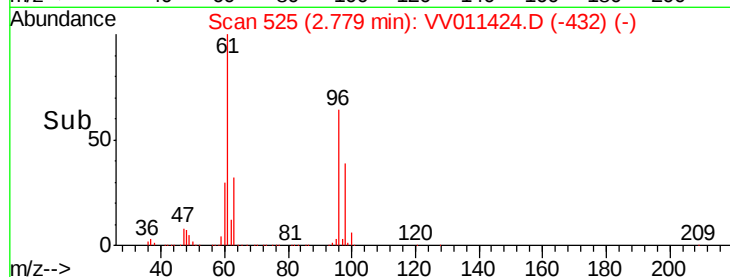
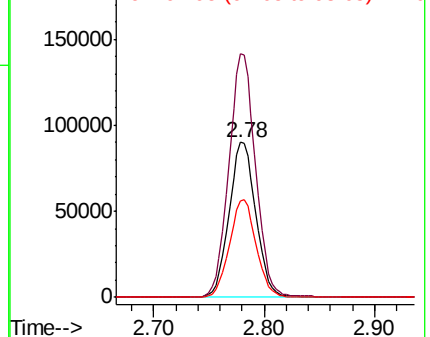
98 61.9 45.7 84.9



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

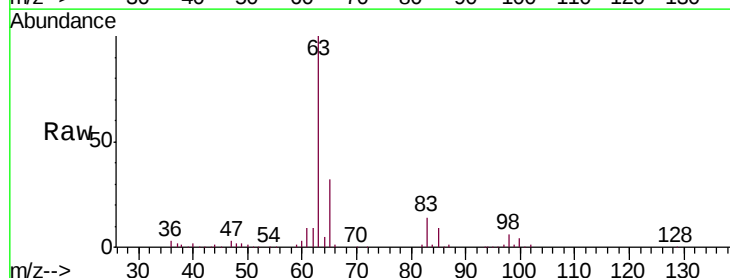
Tgt Ion: 63 Resp: 174181

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

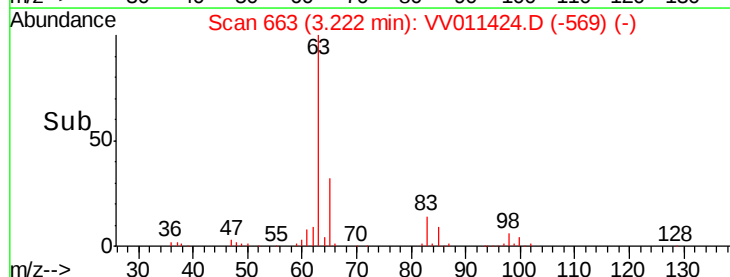
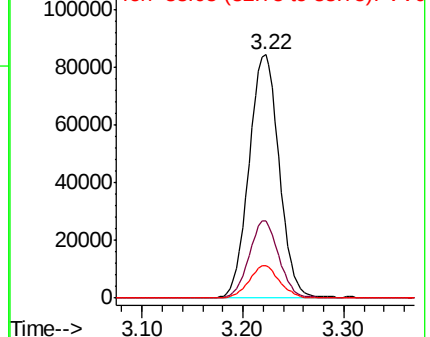
83 13.5 9.2 17.0

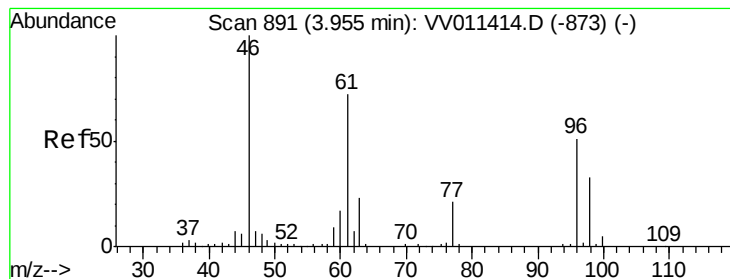


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



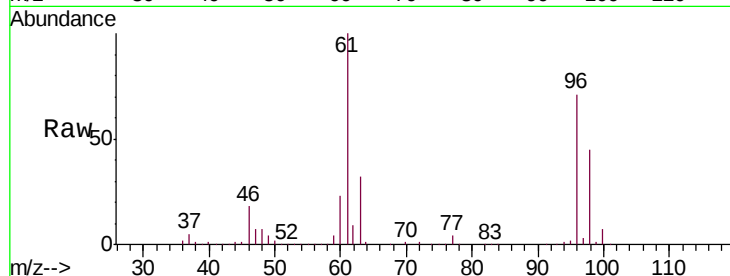


#22

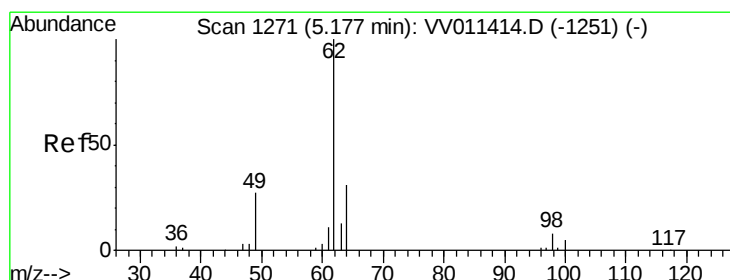
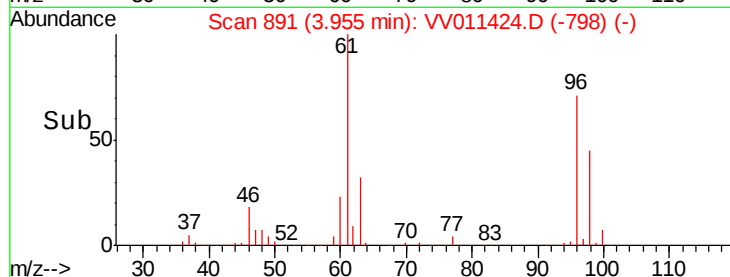
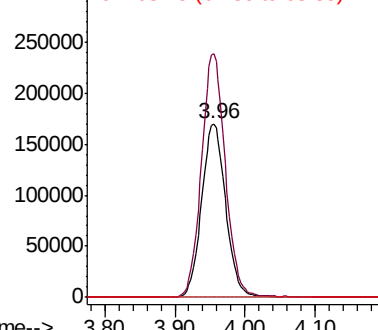
cis-1,2-Dichloroethene
 Concen: 38.247 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: VV011424.D
 Acq: 12 Jun 2019 16:08

Instrument :
 MSVOA_V
 ClientSampled :
 BFCW1

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.2	100.8	187.2
68	0.0	0.0	0.0



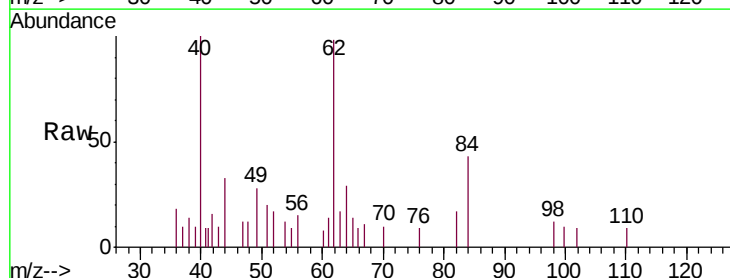
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



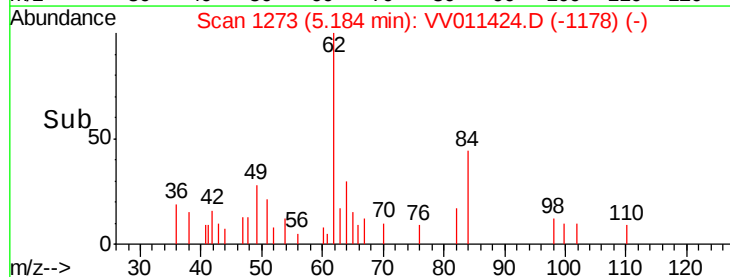
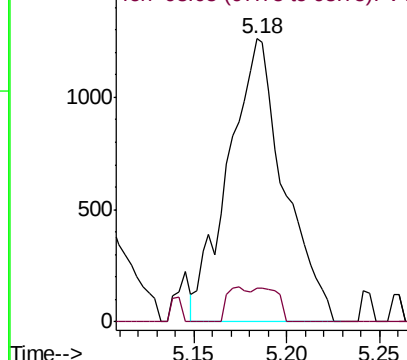
#27

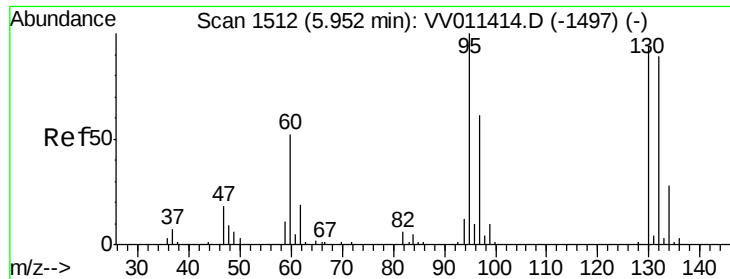
1,2-Dichloroethane
 Concen: 0.221 ug/L
 RT: 5.18 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VV011424.D
 Acq: 12 Jun 2019 16:08

Tgt 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





#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

Instrument :

MSVOA_V

ClientSampleId :

BFCW1

Tgt Ion: 95 Resp: 6745

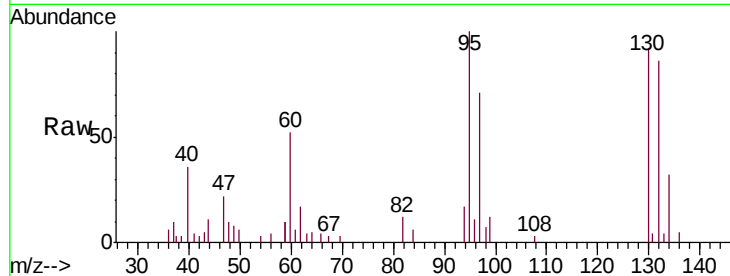
Ion Ratio Lower Upper

95 100

97 70.7 45.8 85.2

132 86.5 66.4 123.2

130 91.9 68.3 126.8

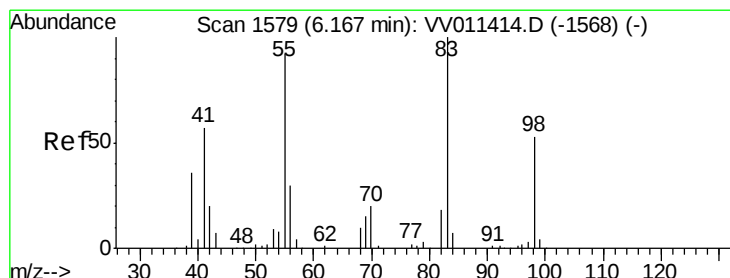
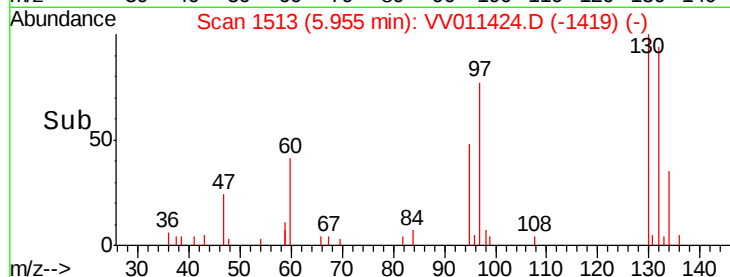
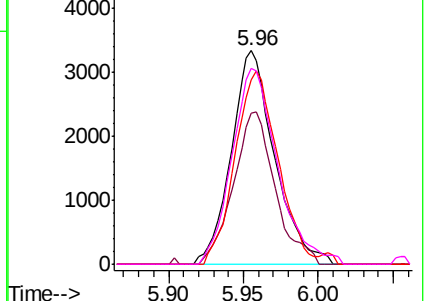


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.837 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011424.D

Acq: 12 Jun 2019 16:08

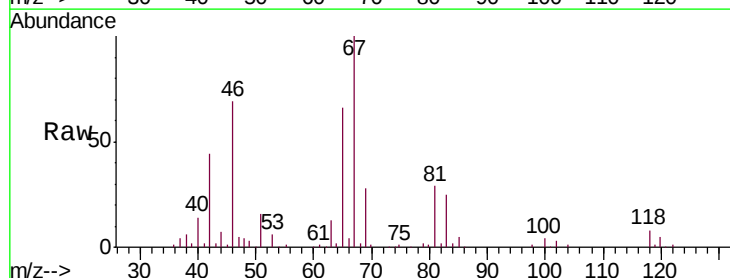
Tgt Ion: 83 Resp: 13497

Ion Ratio Lower Upper

83 100

55 0.8 67.0 100.6#

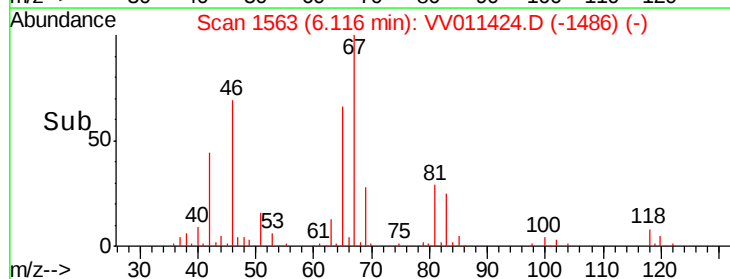
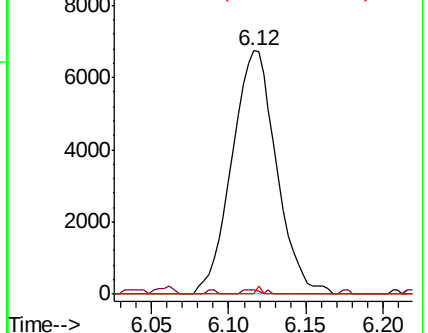
98 0.3 40.0 60.0#

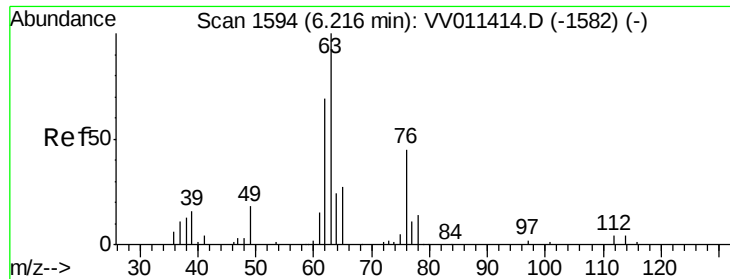


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

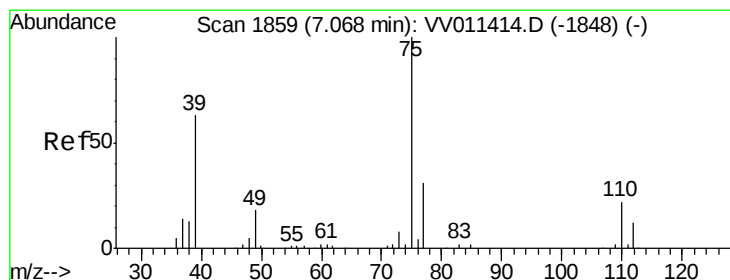
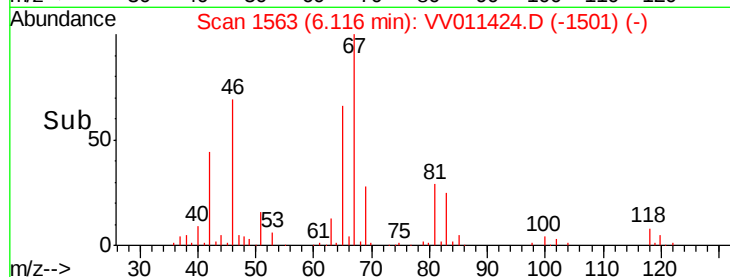
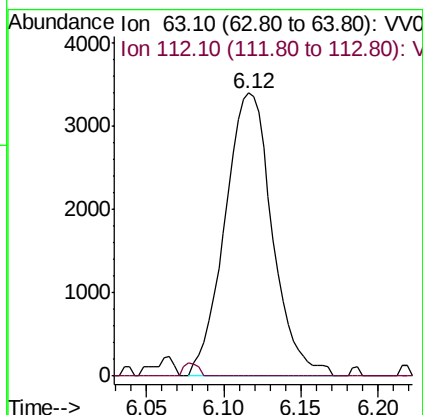
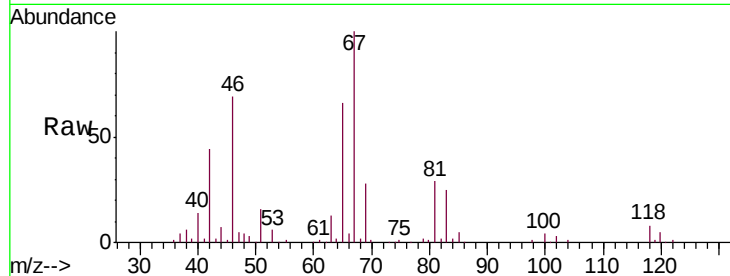




#37
 1,2-Dichloropropane
 Concen: 0.772 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011424.D
 Acq: 12 Jun 2019 16:08

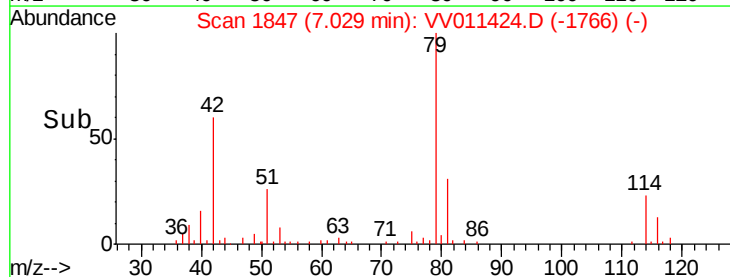
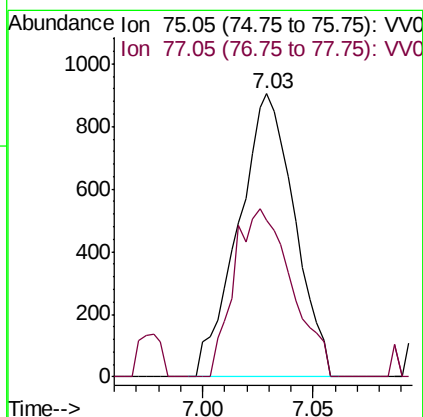
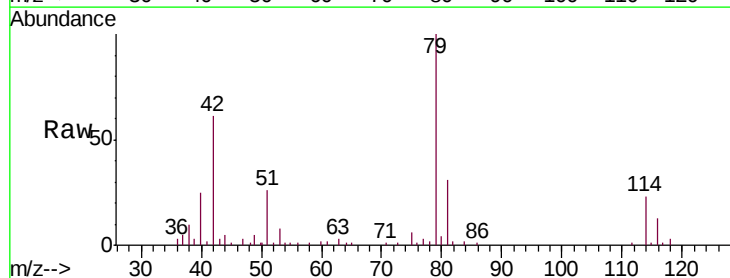
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCW1

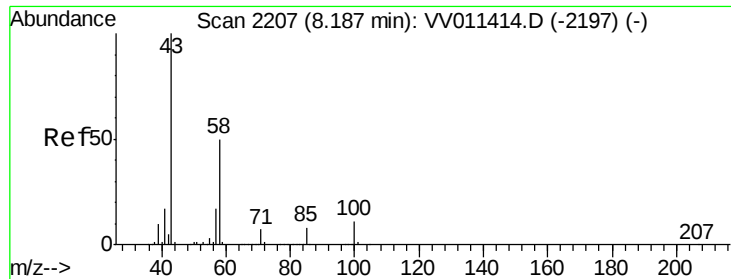
Tgt Ion: 63 Resp: 7251
 Ion Ratio Lower Upper
 63 100
 112 1.4 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011424.D
 Acq: 12 Jun 2019 16:08

Tgt Ion: 75 Resp: 1599
 Ion Ratio Lower Upper
 75 100
 77 55.2 22.2 41.2#





#48
 2-Hexanone
 Concen: 2.846 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011424.D
 Acq: 12 Jun 2019 16:08

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCW1

Tgt Ion:	43	Resp:	11881
Ion	Ratio	Lower	Upper
43	100		
58	30.2	41.4	62.0#
57	27.0	15.0	22.4#
100	1.1	9.0	13.4#

