

Data File : VV011383.D
Acq On : 11 Jun 2019 08:49
Operator : SY/MD
Sample : K3226-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCPO

Quant Time: Jun 12 02:29:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:23:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142326	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134568	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52711	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37146	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.55	69	33798	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.12	63	60945	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	3.94	46	140638	57.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.84%
24) Chloroform-d	4.40	84	83376	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	49261	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.09	84	162453	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.12	67	51388	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.36	98	140351	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	7.66	79	14512	3.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.40%
46) 2-Hexanone-d5	8.13	63	105151	52.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40103	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	48768	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

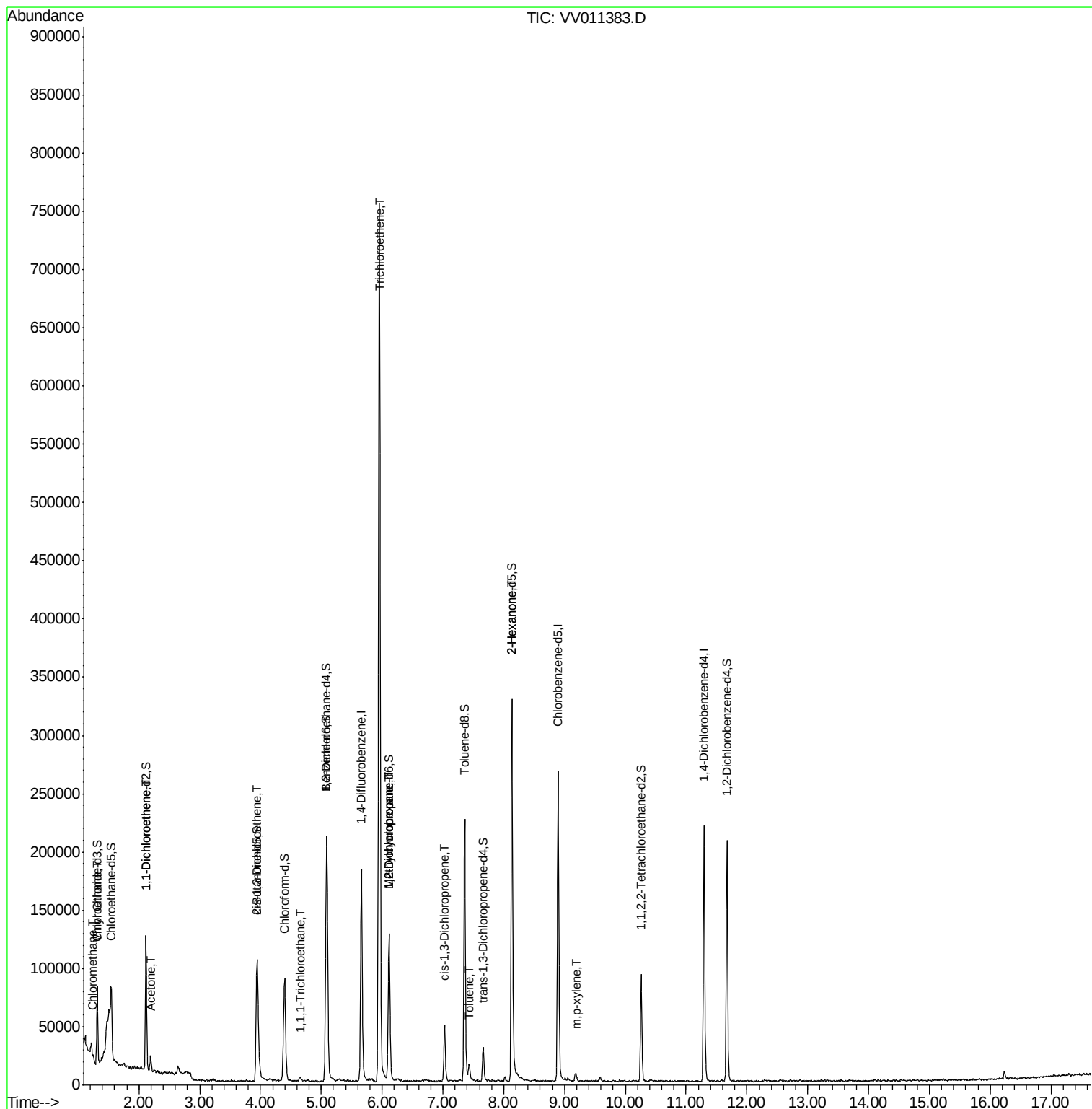
					Qvalue
3) Chloromethane	1.25	50	1793	0.132 ug/L	98
8) Chloroethane	1.32	64	2468	0.295 ug/L	91
12) 1,1-Dichloroethene	2.13	96	1739	0.194 ug/L #	1
13) Acetone	2.19	43	2415	1.483 ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	9216	0.829 ug/L	93
29) 1,1,1-Trichloroethane	4.65	97	1814	0.106 ug/L #	53
34) Trichloroethene	5.96	95	251234	22.711 ug/L	98
35) Methylcyclohexane	6.12	83	12823	0.701 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7086	0.665 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1689	0.108 ug/L	89
42) Toluene	7.43	91	7505	0.164 ug/L	95
48) 2-Hexanone	8.13	43	14948	3.158 ug/L #	74
53) m,p-xylene	9.18	106	1831	0.098 ug/L	95

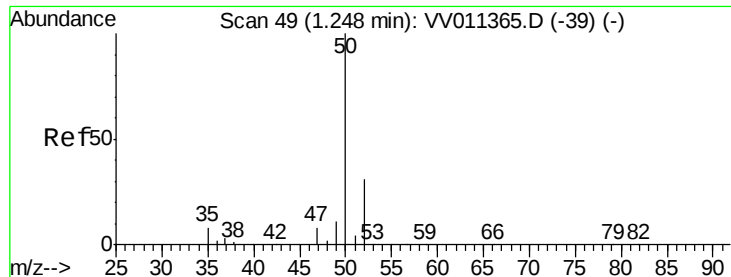
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.132 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011383.D

Acq: 11 Jun 2019 08:49

Instrument :

MSVOA_V

ClientSampleId :

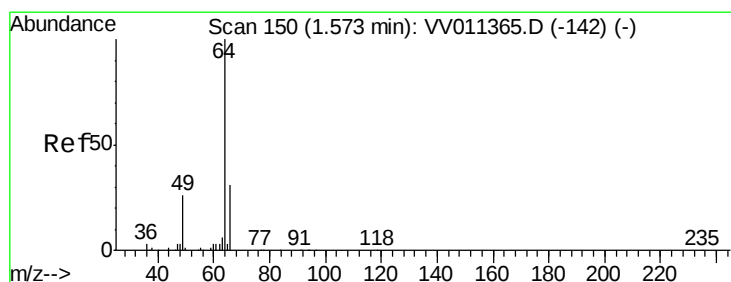
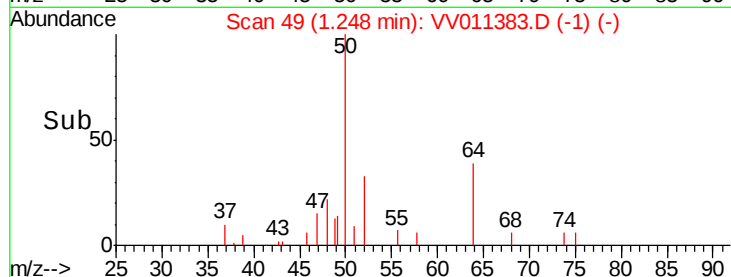
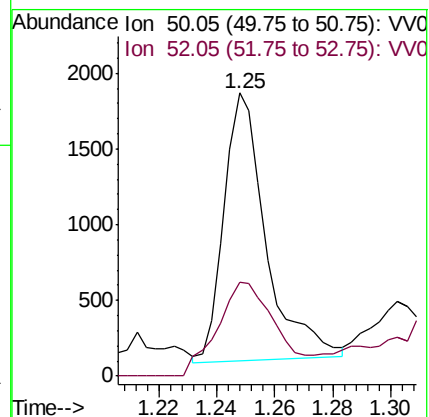
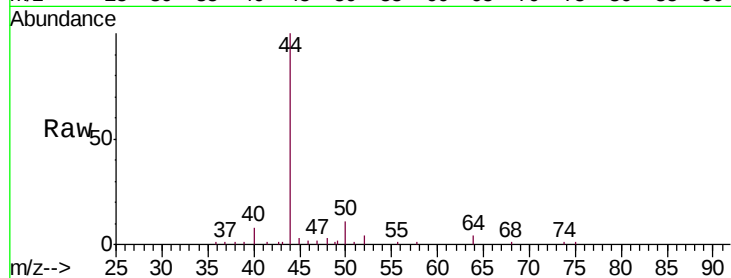
BFCPO

Tgt Ion: 50 Resp: 1793

Ion Ratio Lower Upper

50 100

52 33.0 22.3 41.5



#8

Chloroethane

Concen: 0.295 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.25 min

Lab File: VV011383.D

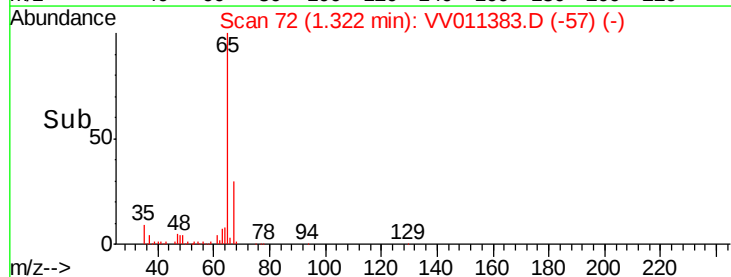
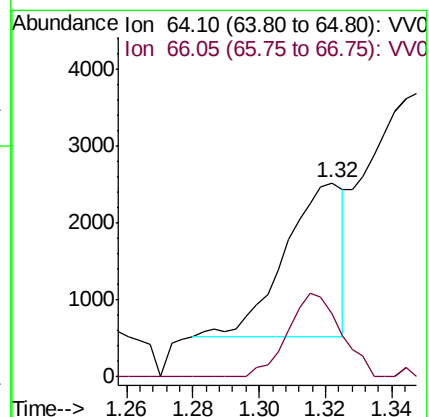
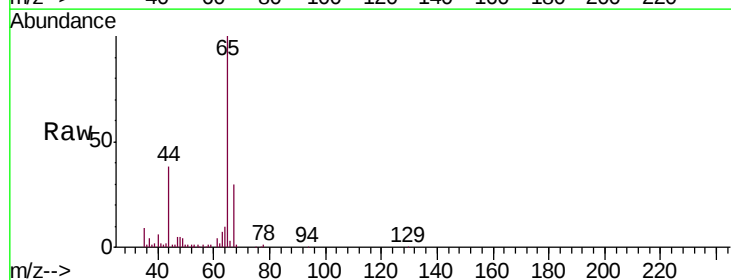
Acq: 11 Jun 2019 08:49

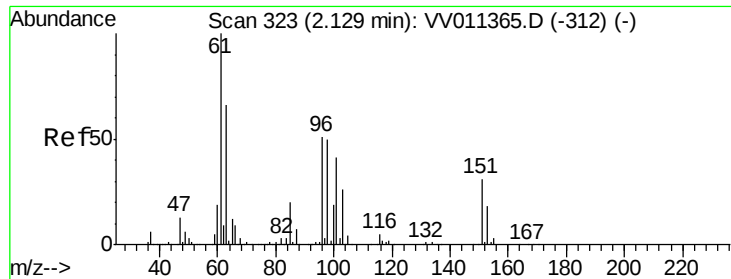
Tgt Ion: 64 Resp: 2468

Ion Ratio Lower Upper

64 100

66 32.3 19.4 36.0





#12

1,1-Dichloroethene

Concen: 0.194 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011383.D

Acq: 11 Jun 2019 08:49

Instrument :

MSVOA_V

ClientSampleId :

BFCP0

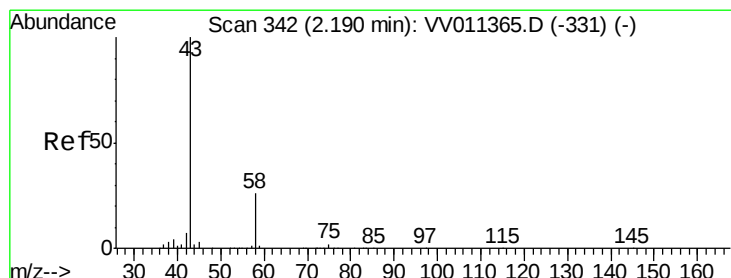
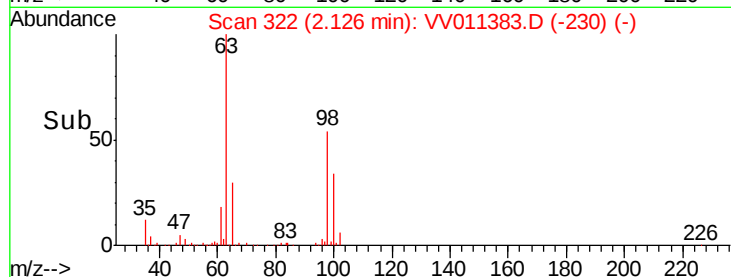
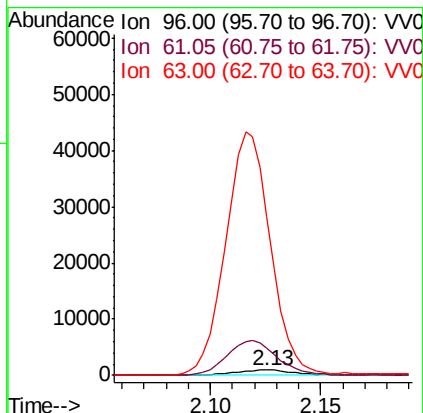
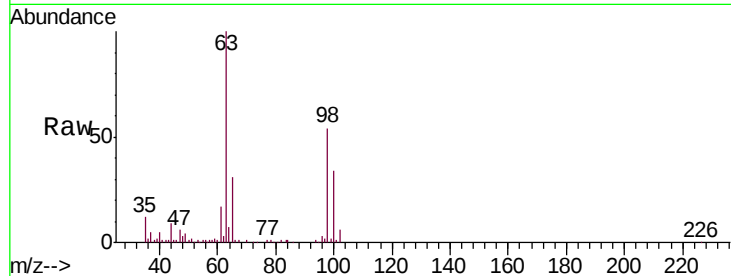
Tgt Ion: 96 Resp: 1739

Ion Ratio Lower Upper

96 100

61 521.5 139.8 259.6#

63 2989.7 94.3 175.1#



#13

Acetone

Concen: 1.483 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV011383.D

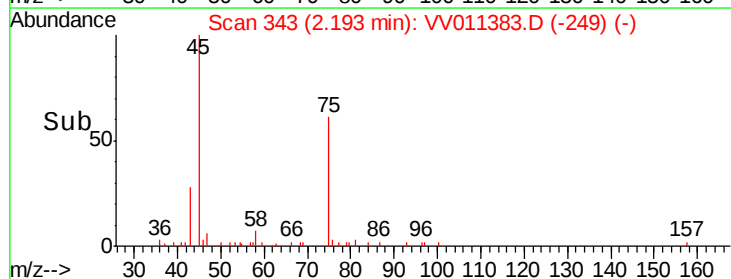
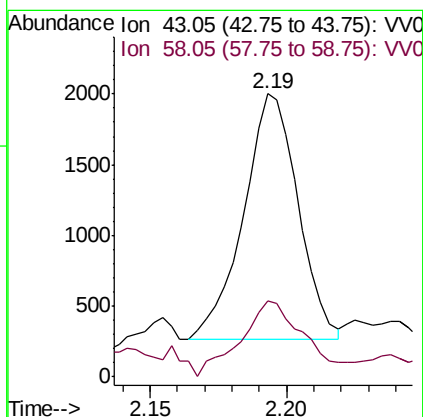
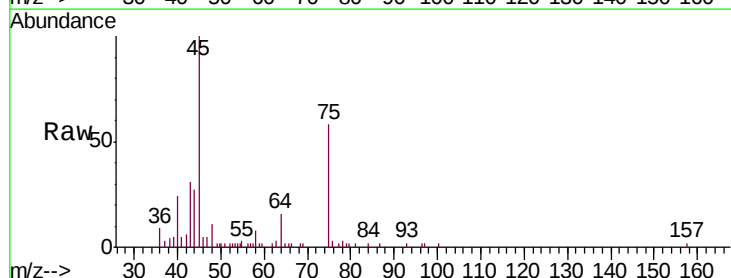
Acq: 11 Jun 2019 08:49

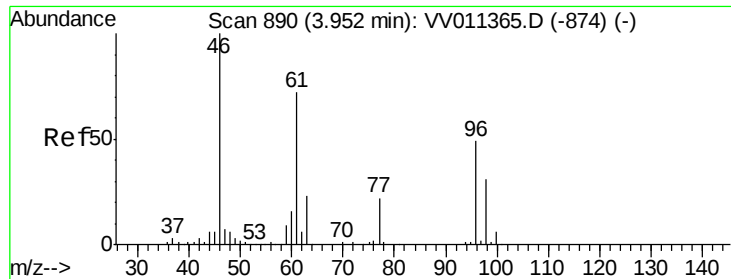
Tgt Ion: 43 Resp: 2415

Ion Ratio Lower Upper

43 100

58 35.4 0.0 55.2



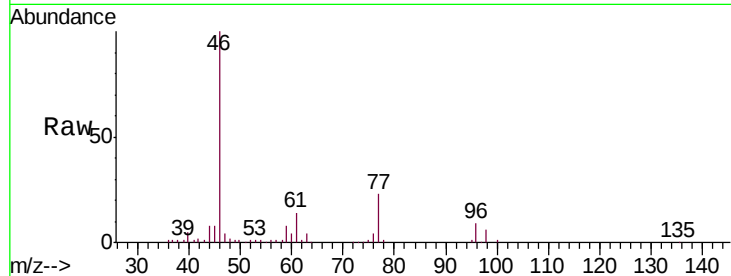


#22

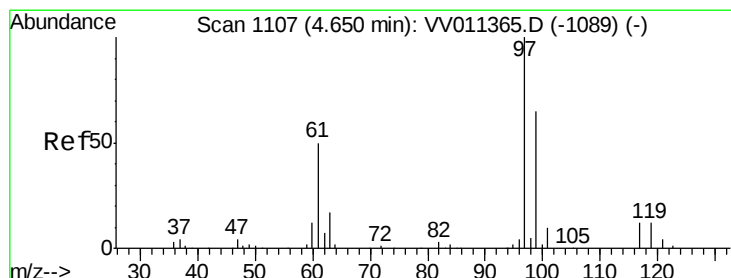
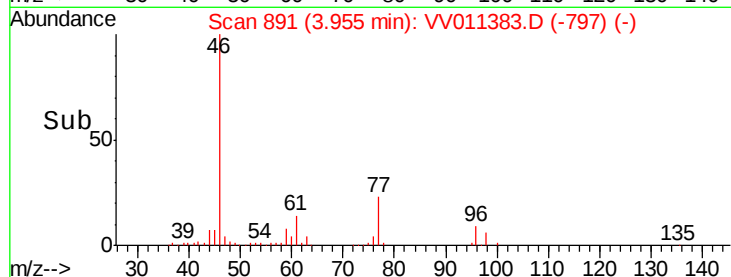
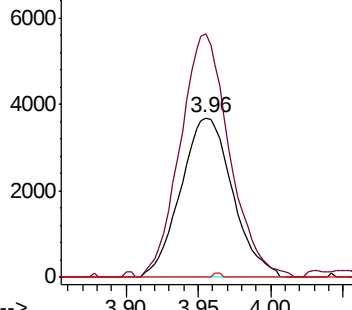
cis-1,2-Dichloroethene
Concen: 0.829 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011383.D
Acq: 11 Jun 2019 08:49

Instrument :
MSVOA_V
ClientSampleId :
BFCPO

Tgt Ion: 96 Resp: 9216
Ion Ratio Lower Upper
96 100
61 152.6 100.8 187.2
68 0.0 0.0 0.0



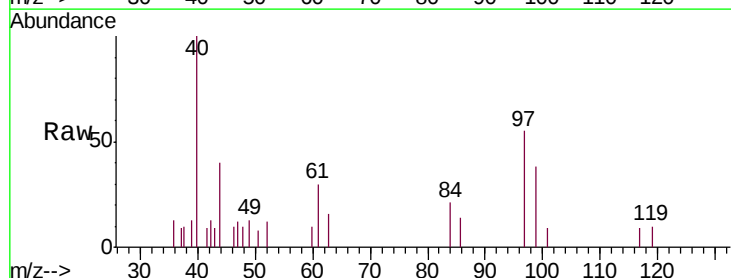
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



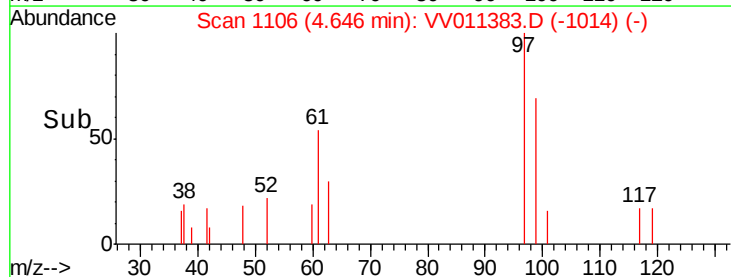
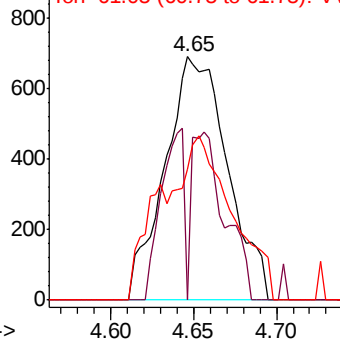
#29

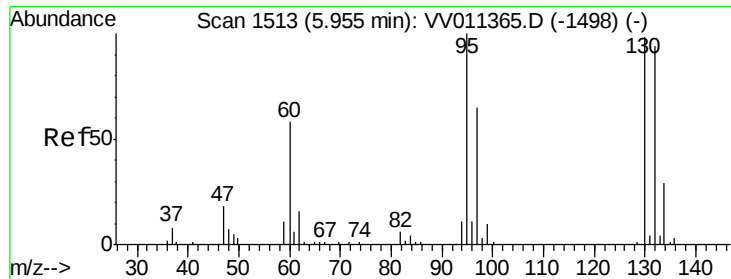
1,1,1-Trichloroethane
Concen: 0.106 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VV011383.D
Acq: 11 Jun 2019 08:49

Tgt Ion: 97 Resp: 1814
Ion Ratio Lower Upper
97 100
99 25.5 50.8 76.2#
61 18.1 38.9 58.3#



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 22.711 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011383.D

Acq: 11 Jun 2019 08:49

Instrument :

MSVOA_V

ClientSampleId :

BFCP0

Tgt Ion: 95 Resp: 251234

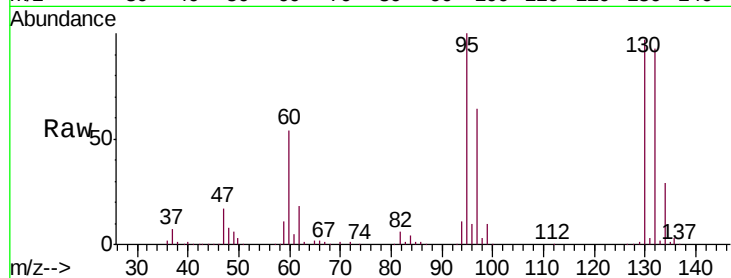
Ion Ratio Lower Upper

95 100

97 63.8 45.8 85.2

132 92.8 66.4 123.2

130 97.0 68.3 126.8

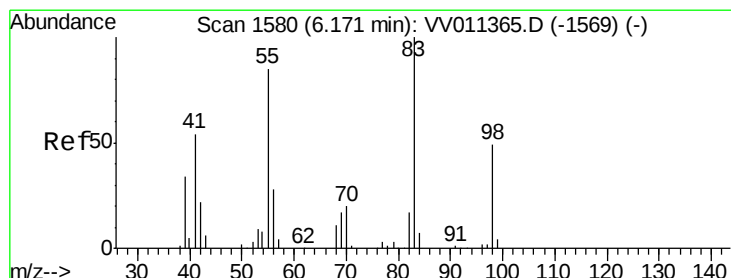
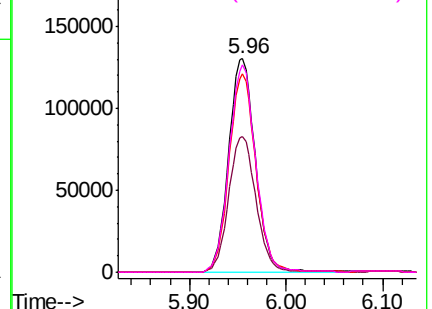
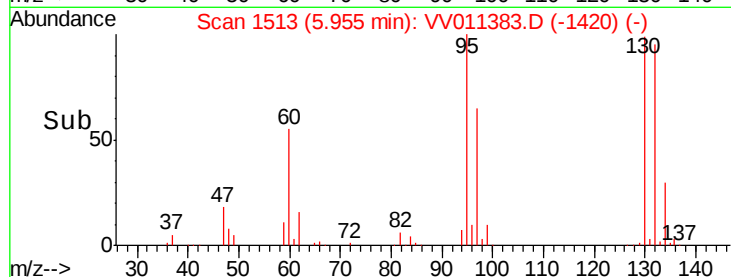


Abundance Ion 95.00 (94.70 to 95.70): VV011383.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV011383.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV011383.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV011383.D (-1420) (-)



#35

Methylcyclohexane

Concen: 0.701 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011383.D

Acq: 11 Jun 2019 08:49

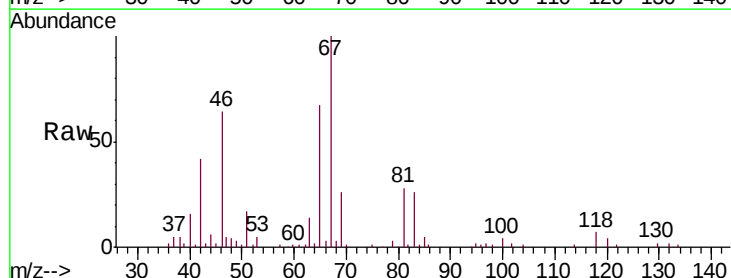
Tgt Ion: 83 Resp: 12823

Ion Ratio Lower Upper

83 100

55 0.9 67.0 100.6#

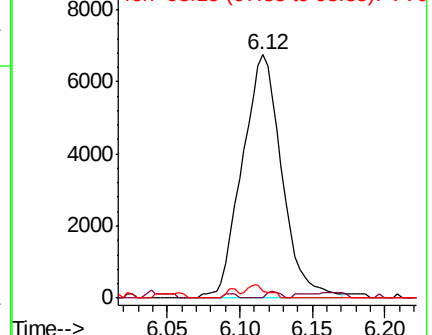
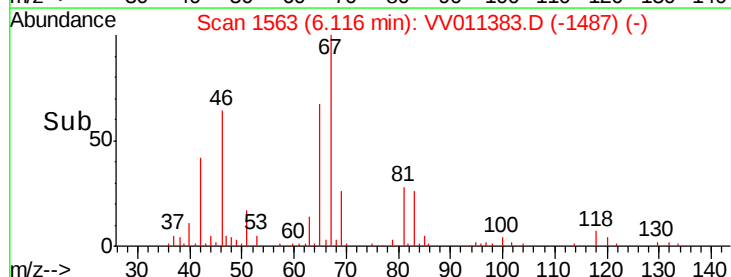
98 2.7 40.0 60.0#

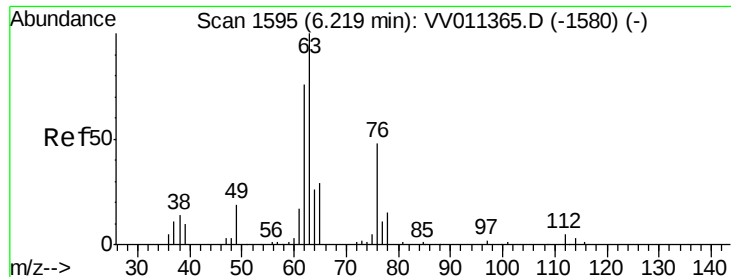


Abundance Ion 83.15 (82.85 to 83.85): VV011383.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV011383.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV011383.D (-1487) (-)

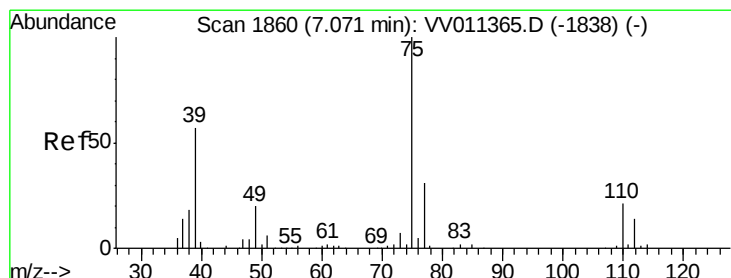
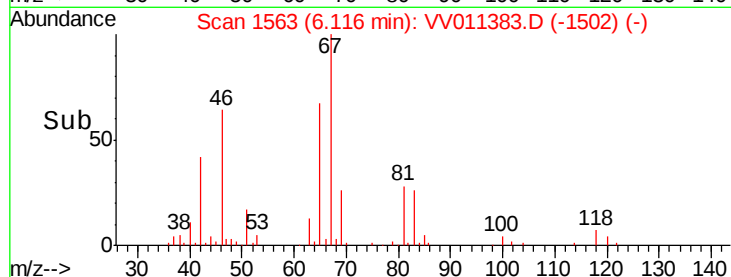
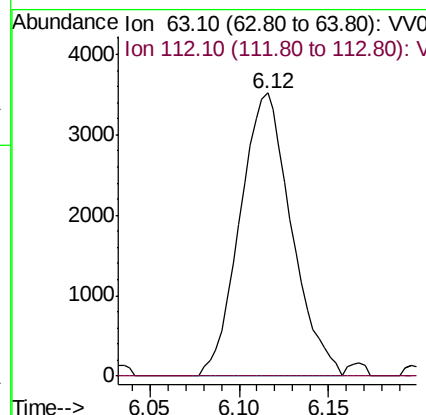
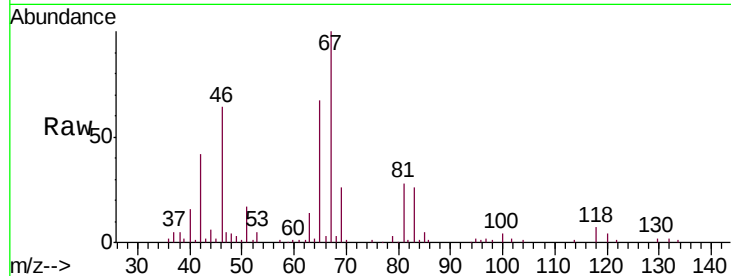




#37
 1,2-Dichloropropane
 Concen: 0.665 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011383.D
 Acq: 11 Jun 2019 08:49

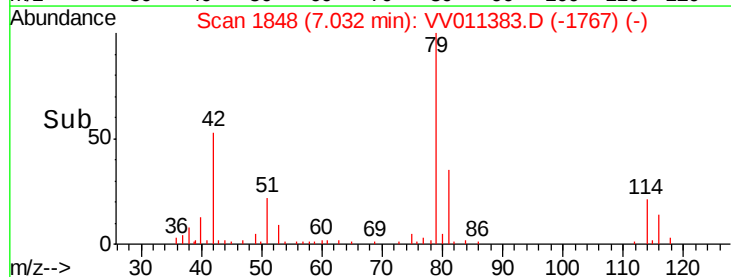
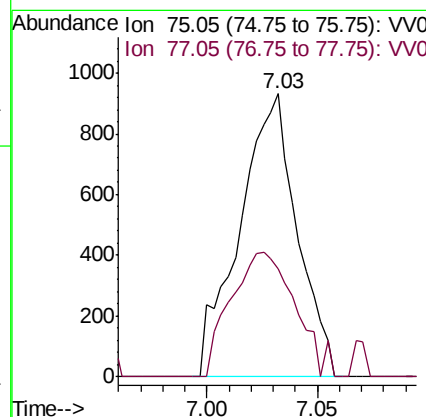
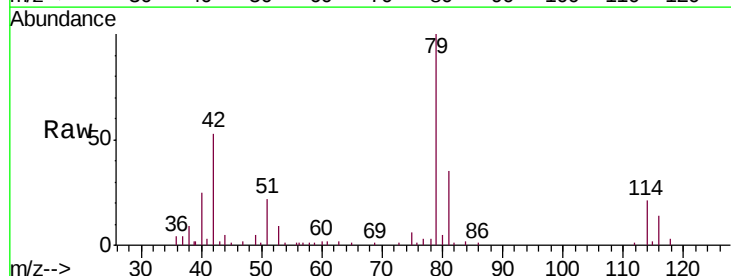
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP0

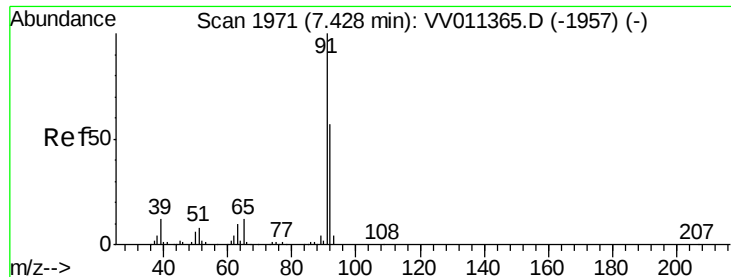
Tgt Ion: 63 Resp: 7086
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011383.D
 Acq: 11 Jun 2019 08:49

Tgt Ion: 75 Resp: 1689
 Ion Ratio Lower Upper
 75 100
 77 38.0 22.2 41.2





#42

Toluene

Concen: 0.164 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011383.D

Acq: 11 Jun 2019 08:49

Instrument :

MSVOA_V

ClientSampleId :

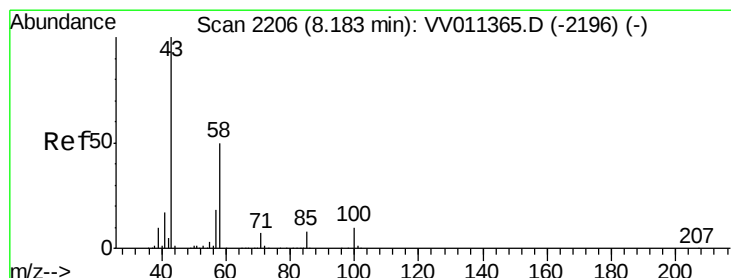
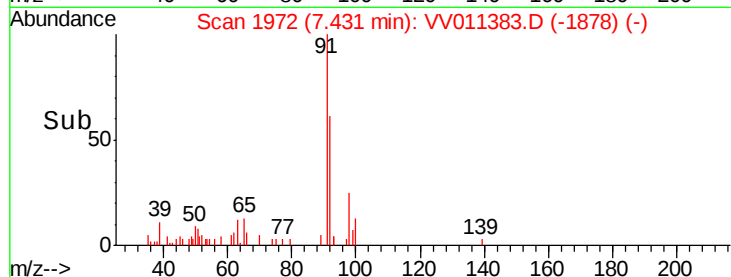
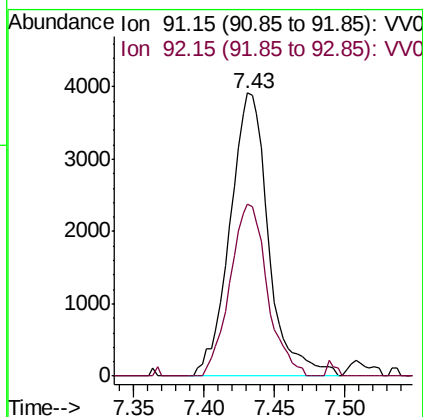
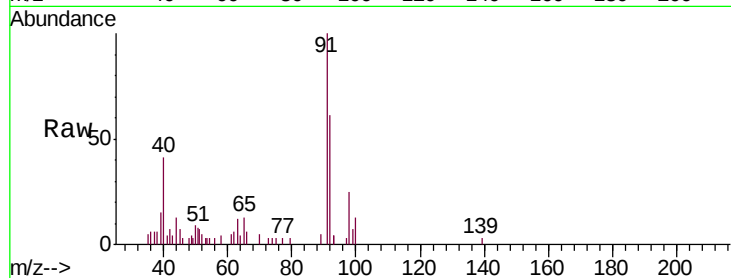
BFCP0

Tgt Ion: 91 Resp: 7505

Ion Ratio Lower Upper

91 100

92 60.9 39.9 74.1



#48

2-Hexanone

Concen: 3.158 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011383.D

Acq: 11 Jun 2019 08:49

Tgt Ion: 43 Resp: 14948

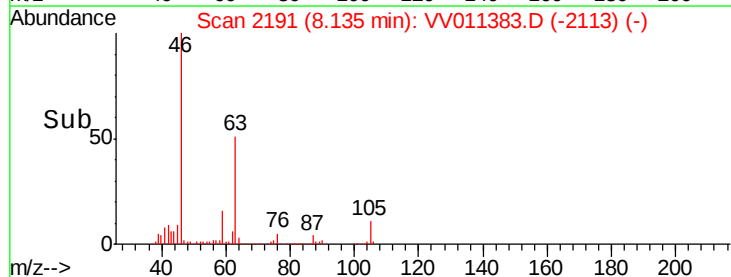
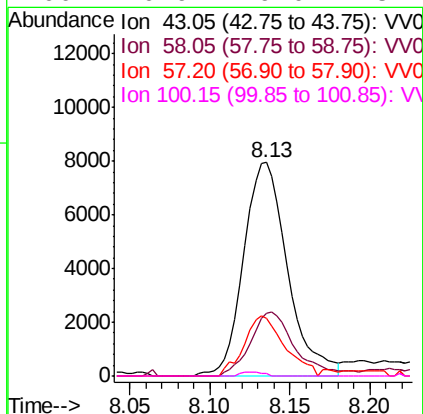
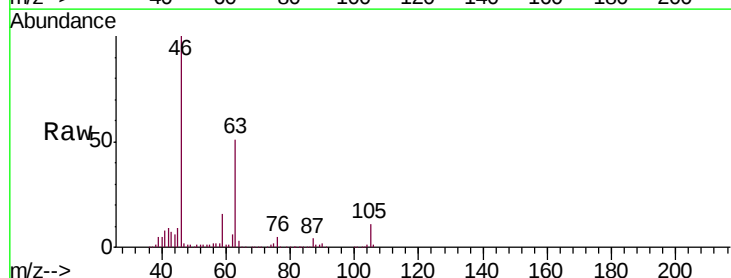
Ion Ratio Lower Upper

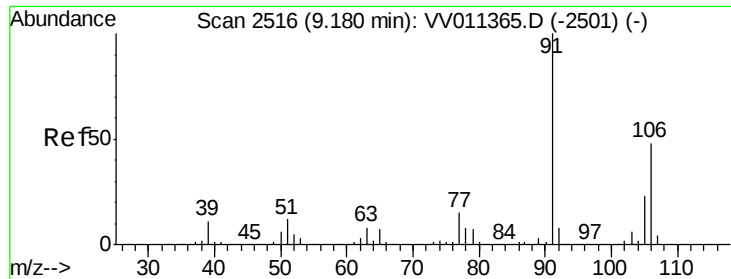
43 100

58 30.8 41.4 62.0#

57 25.7 15.0 22.4#

100 0.9 9.0 13.4#





#53

m,p-xylene

Concen: 0.098 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011383.D

Acq: 11 Jun 2019 08:49

Instrument :
MSVOA_V
ClientSampleId :
BFCP0

Tgt Ion:106 Resp: 1831

Ion Ratio Lower Upper

106 100

91 215.3 145.5 270.3

