

Data File : VV011306.D
Acq On : 08 Jun 2019 01:06
Operator : SY/MD
Sample : K3226-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC33

Quant Time: Jun 08 02:12:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 02:09:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	102824	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	100456	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29063	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.54	69	23544	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.11	63	46271	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.95	46	130145	74.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.38%#
24) Chloroform-d	4.39	84	60014	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	39226	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.09	84	120888	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.11	67	39082	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.36	98	102756	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.66	79	11630	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.14	63	111908	75.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	150.14%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39223	6.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	38600	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

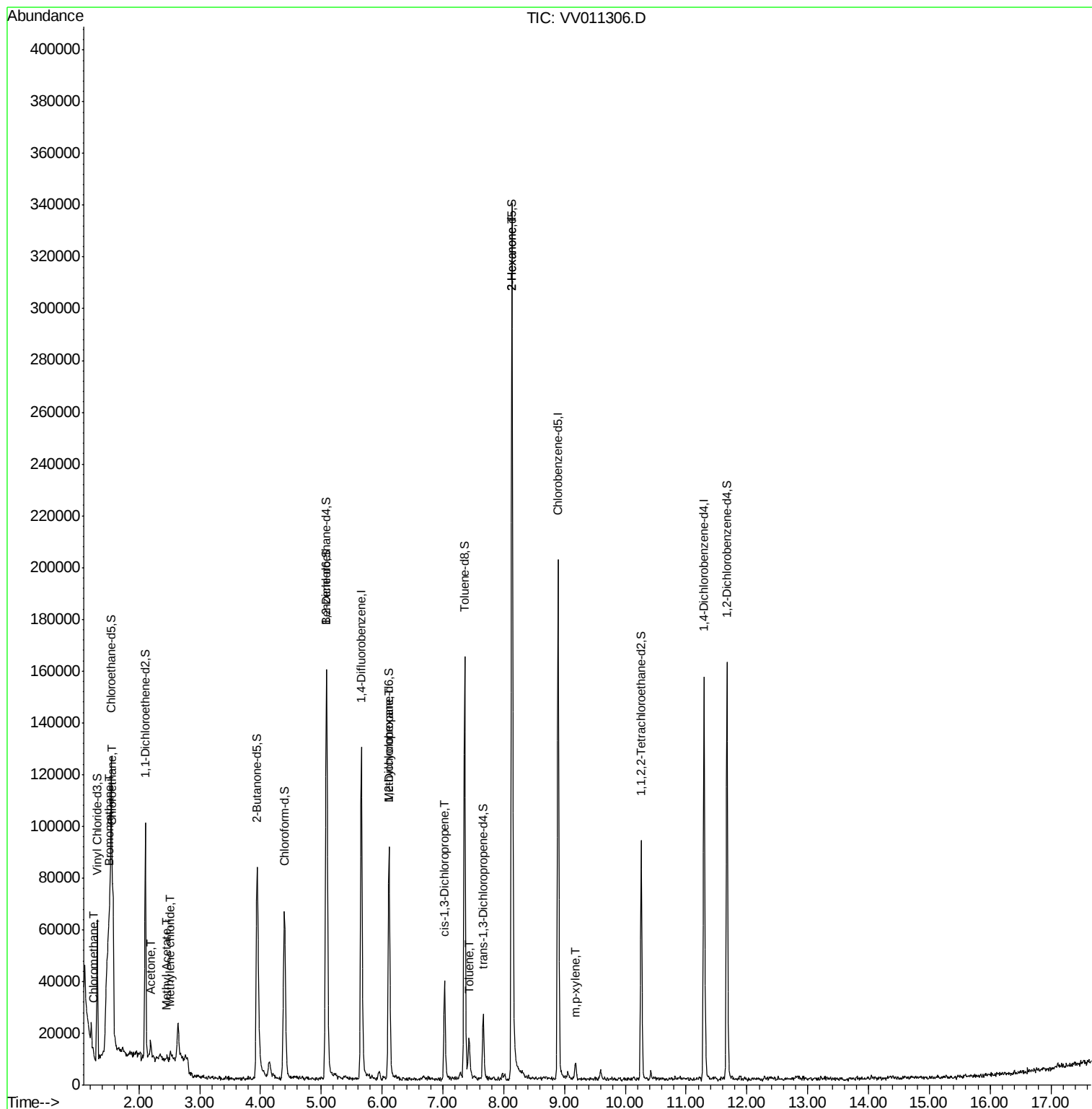
					Qvalue
3) Chloromethane	1.25	50	1663	0.170 ug/L	89
6) Bromomethane	1.51	94	1064	0.216 ug/L	73
8) Chloroethane	1.57	64	663	0.110 ug/L	98
13) Acetone	2.20	43	3604	3.064 ug/L	91
15) Methyl Acetate	2.46	43	1183	0.379 ug/L #	88
16) Methylene chloride	2.52	84	1209	0.181 ug/L #	68
35) Methylcyclohexane	6.11	83	9237	0.676 ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1206	0.104 ug/L #	58
42) Toluene	7.43	91	9947	0.292 ug/L	90
48) 2-Hexanone	8.14	43	14529	4.112 ug/L #	71
53) m,p-xylene	9.18	106	1824	0.130 ug/L	76

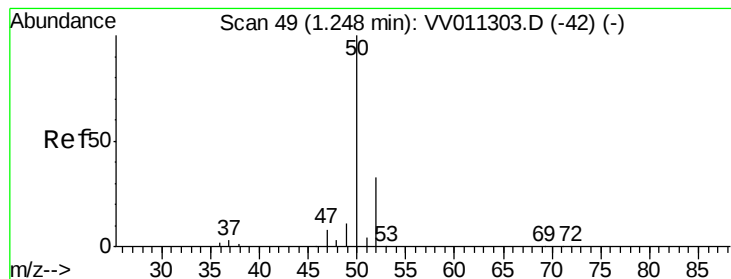
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.170 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011306.D

Acq: 08 Jun 2019 01:06

Instrument :

MSVOA_V

ClientSampleId :

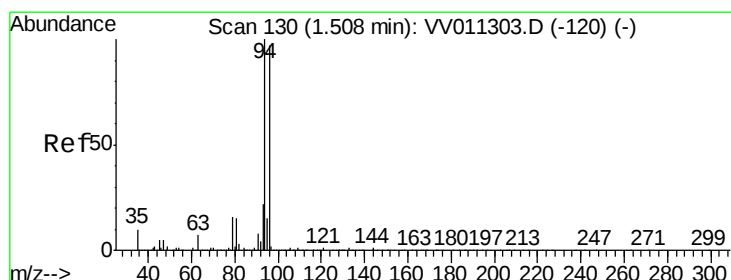
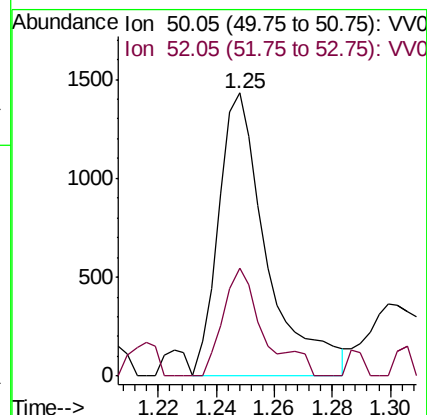
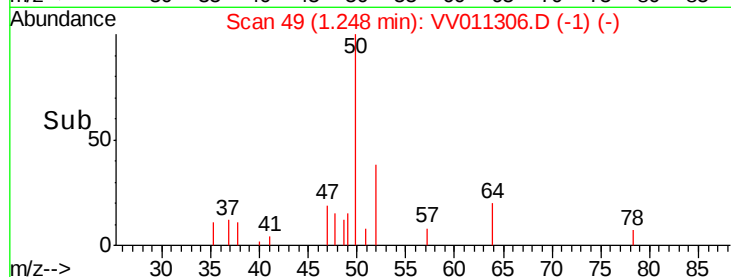
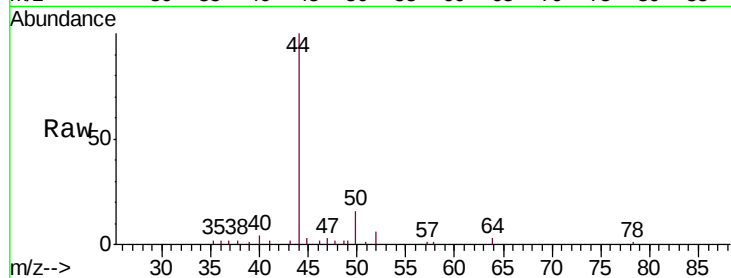
BFC33

Tgt Ion: 50 Resp: 1663

Ion Ratio Lower Upper

50 100

52 38.2 22.3 41.5



#6

Bromomethane

Concen: 0.216 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.00 min

Lab File: VV011306.D

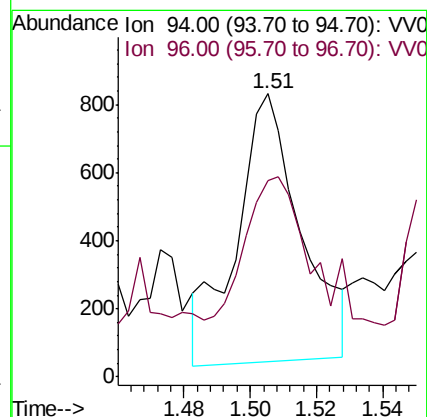
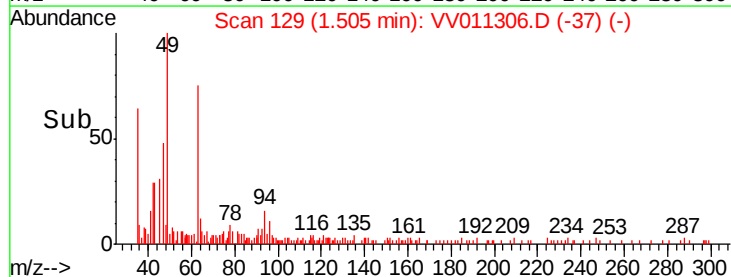
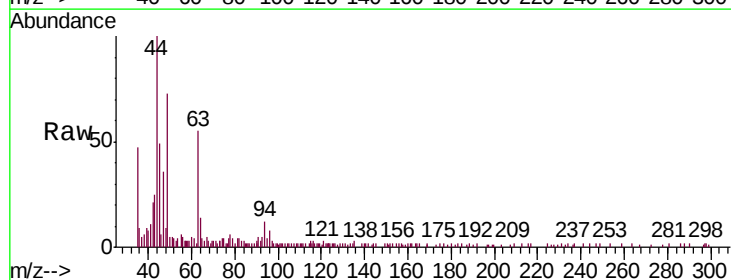
Acq: 08 Jun 2019 01:06

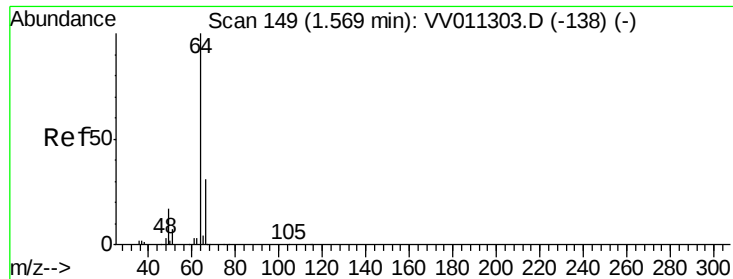
Tgt Ion: 94 Resp: 1064

Ion Ratio Lower Upper

94 100

96 69.2 67.0 124.4





#8

Chloroethane

Concen: 0.110 ug/L

RT: 1.57 min Scan# 148

Delta R.T. -0.00 min

Lab File: VV011306.D

Acq: 08 Jun 2019 01:06

Instrument :

MSVOA_V

ClientSampled :

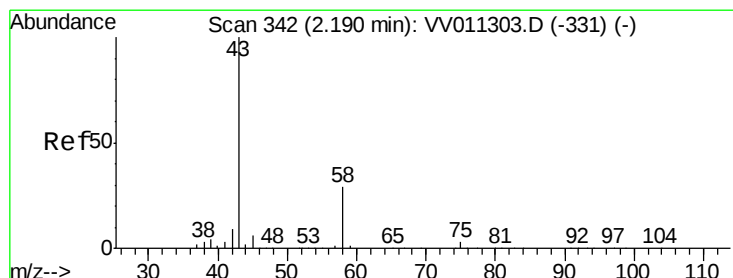
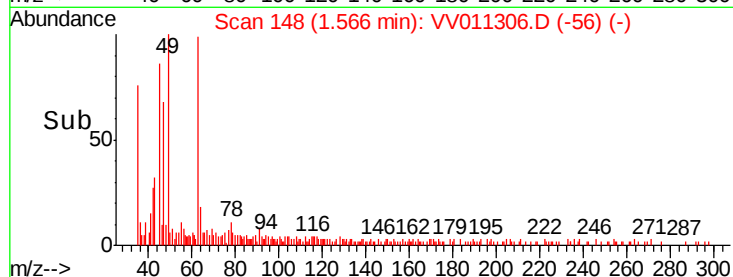
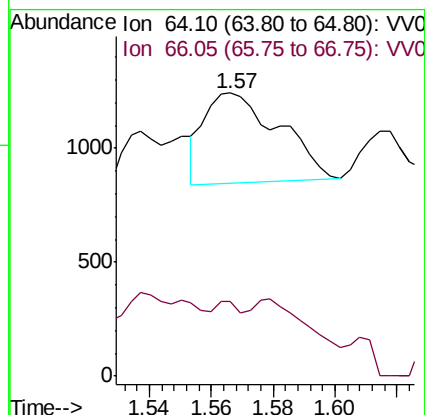
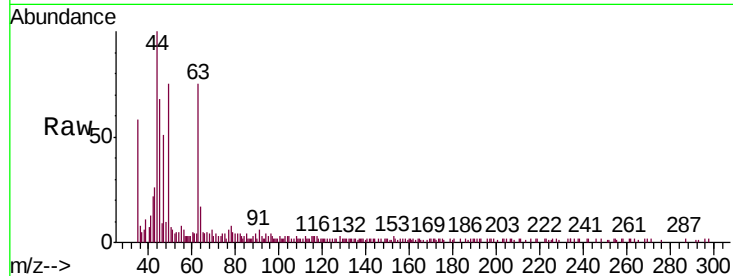
BFC33

Tgt Ion: 64 Resp: 663

Ion Ratio Lower Upper

64 100

66 26.4 19.4 36.0



#13

Acetone

Concen: 3.064 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV011306.D

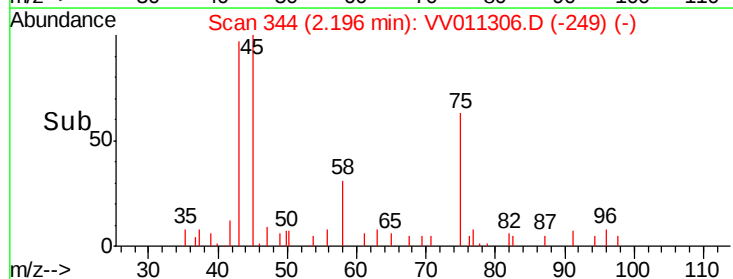
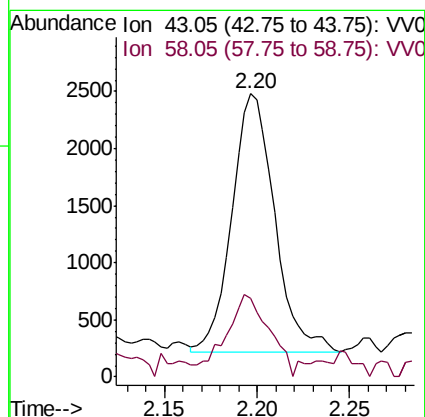
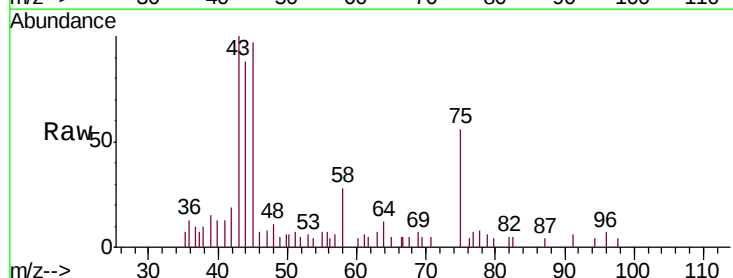
Acq: 08 Jun 2019 01:06

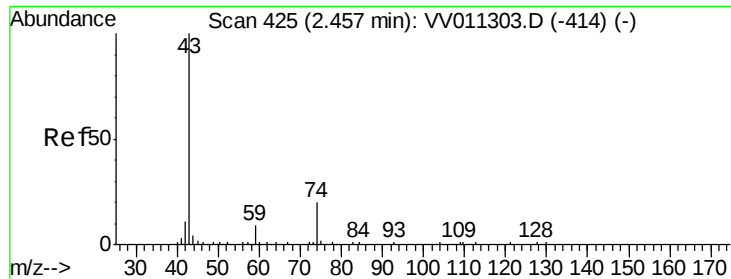
Tgt Ion: 43 Resp: 3604

Ion Ratio Lower Upper

43 100

58 32.2 0.0 55.2

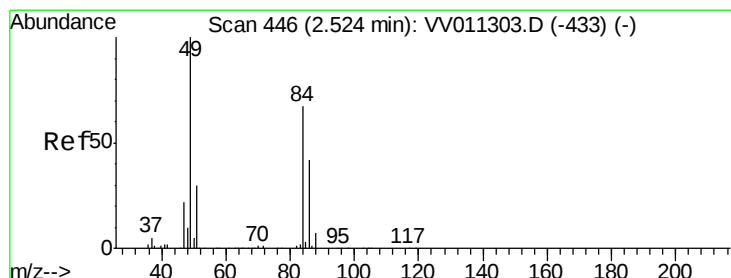
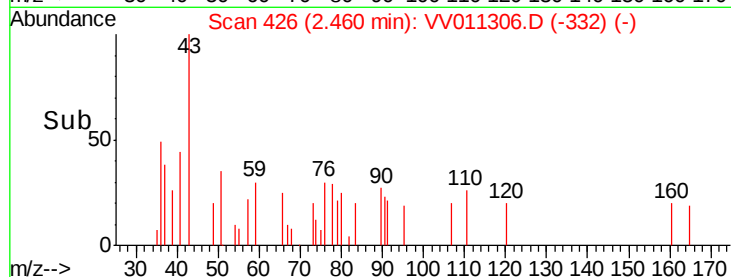
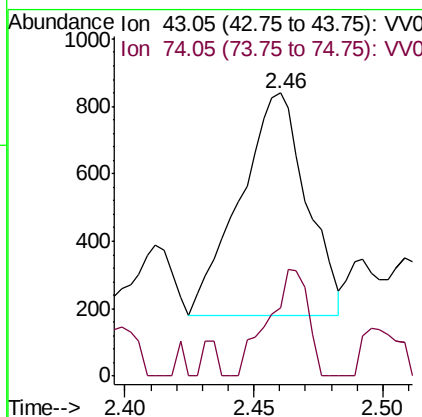
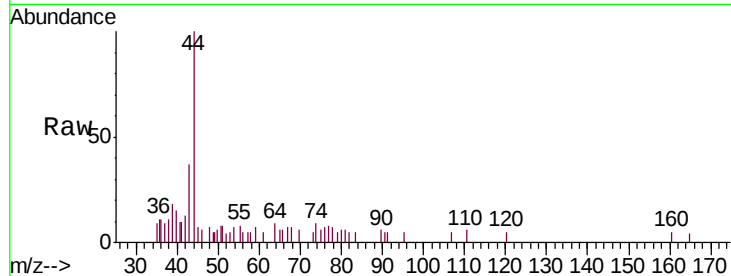




#15
Methyl Acetate
Concen: 0.379 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV011306.D
Acq: 08 Jun 2019 01:06

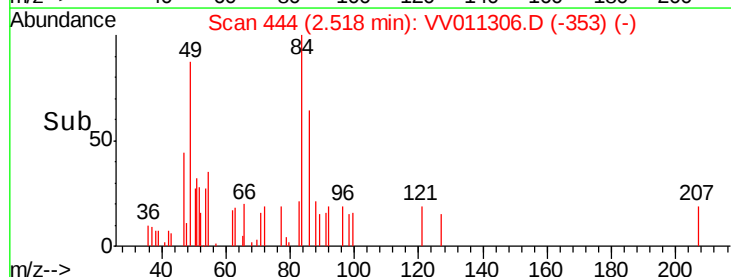
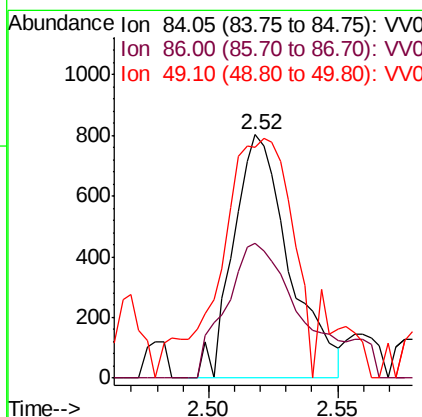
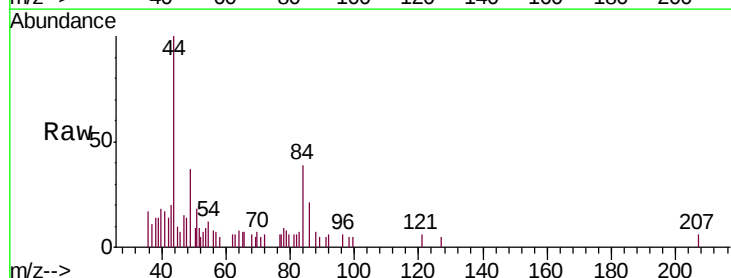
Instrument :
MSVOA_V
ClientSampleID :
BFCS3

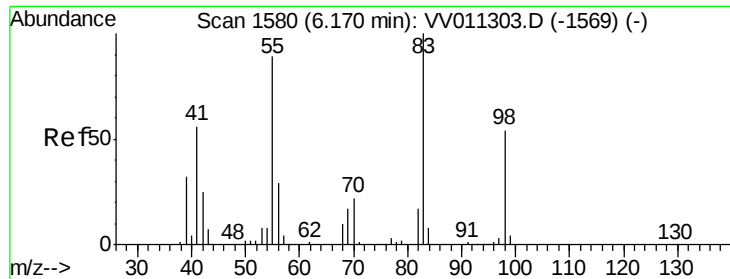
Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
74 28.8 18.5 27.7#



#16
Methylene chloride
Concen: 0.181 ug/L
RT: 2.52 min Scan# 444
Delta R.T. -0.01 min
Lab File: VV011306.D
Acq: 08 Jun 2019 01:06

Tgt Ion: 84 Resp: 1209
Ion Ratio Lower Upper
84 100
86 55.2 44.9 83.3
49 94.9 102.1 189.5#

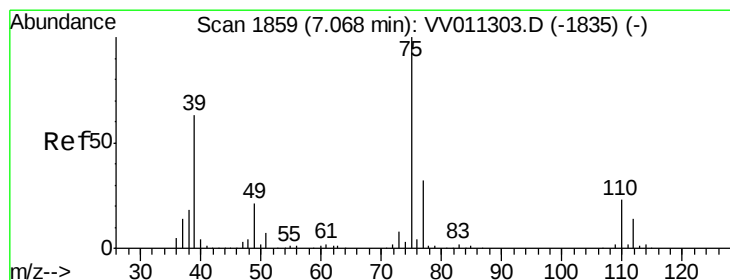
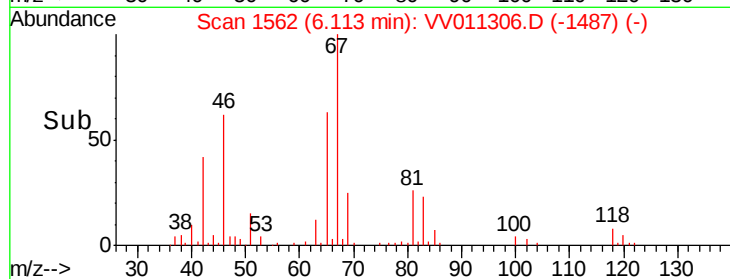
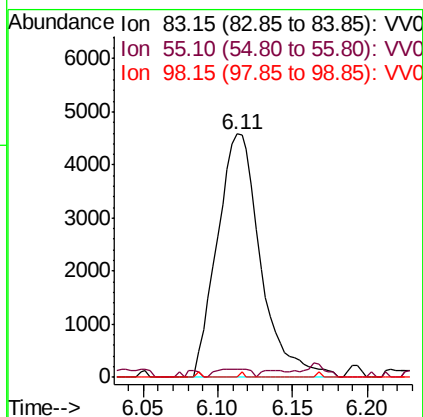
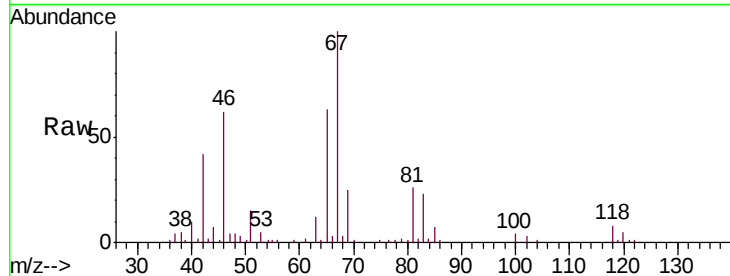




#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011306.D
Acq: 08 Jun 2019 01:06

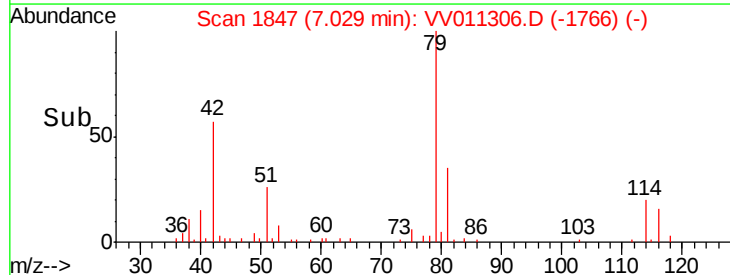
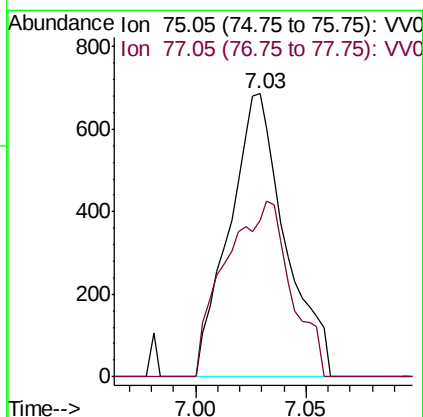
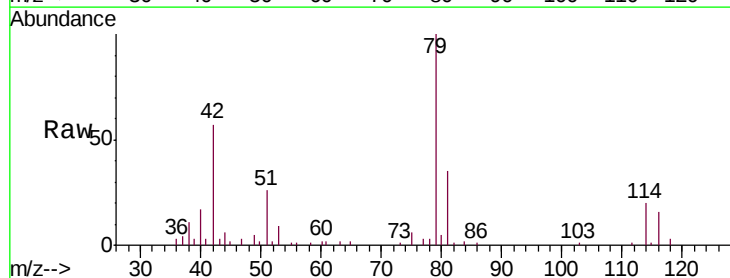
Instrument :
MSVOA_V
ClientSampleId :
BFCS3

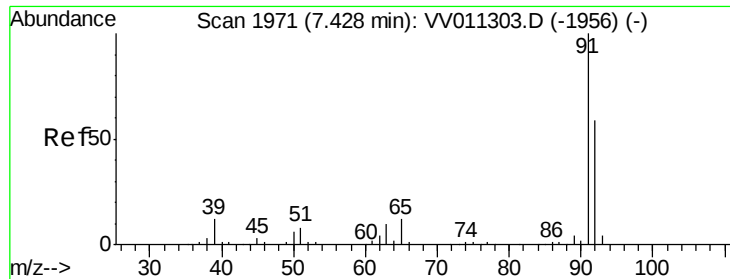
Tgt Ion: 83 Resp: 9237
Ion Ratio Lower Upper
83 100
55 1.4 67.0 100.6#
98 0.2 40.0 60.0#



#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011306.D
Acq: 08 Jun 2019 01:06

Tgt Ion: 75 Resp: 1206
Ion Ratio Lower Upper
75 100
77 55.1 22.2 41.2#





#42

Toluene

Concen: 0.292 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011306.D

Acq: 08 Jun 2019 01:06

Instrument :

MSVOA_V

ClientSampleId :

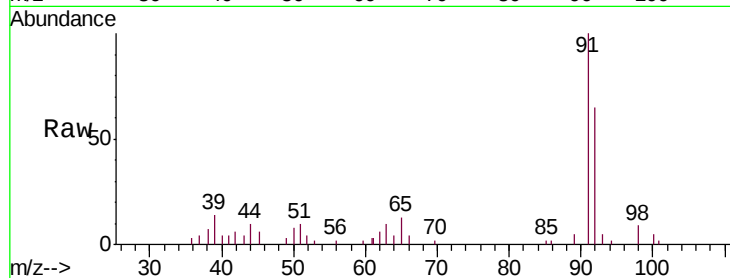
BFC33

Tgt Ion: 91 Resp: 9947

Ion Ratio Lower Upper

91 100

92 64.7 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV011303.D (-1956) (-)

Ion 92.15 (91.85 to 92.85): VV011303.D (-1956) (-)

7.43

6000

5000

4000

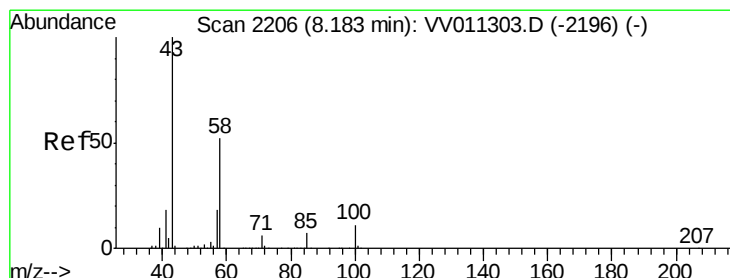
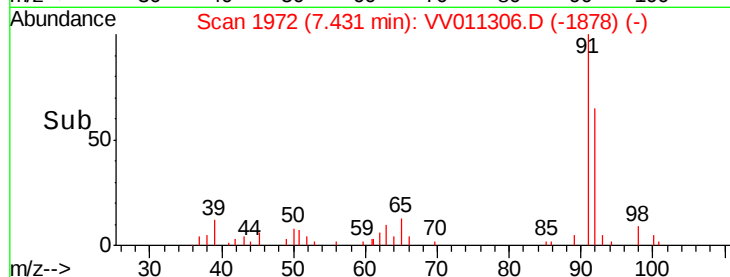
3000

2000

1000

0

Time-->



#48

2-Hexanone

Concen: 4.112 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011306.D

Acq: 08 Jun 2019 01:06

Tgt Ion: 43 Resp: 14529

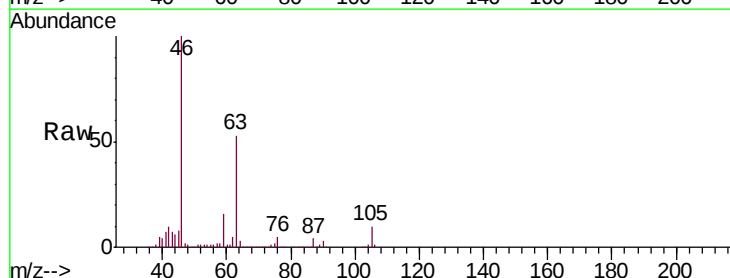
Ion Ratio Lower Upper

43 100

58 28.3 41.4 62.0#

57 27.7 15.0 22.4#

100 0.8 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV011303.D (-2196) (-)

Ion 58.05 (57.75 to 58.75): VV011303.D (-2196) (-)

Ion 57.20 (56.90 to 57.90): VV011303.D (-2196) (-)

Ion 100.15 (99.85 to 100.85): VV011303.D (-2196) (-)

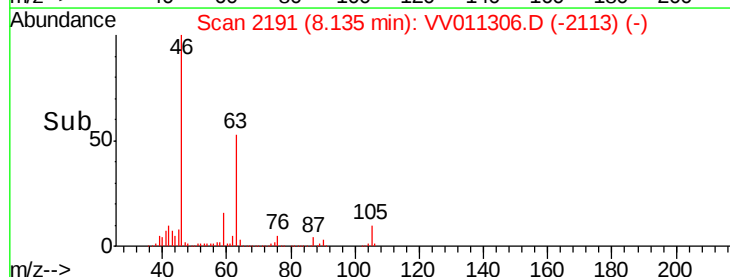
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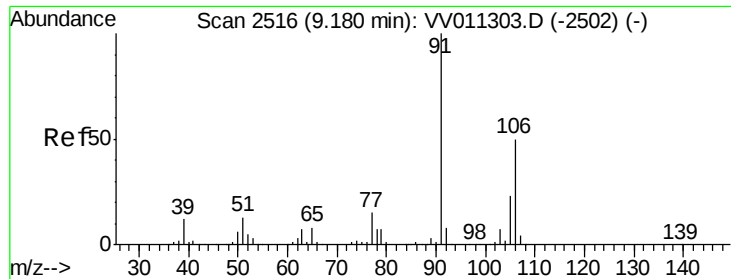
10000

5000

0

Time-->





#53

m,p-xylene

Concen: 0.130 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011306.D

Acq: 08 Jun 2019 01:06

Instrument :

MSVOA_V

ClientSampleId :

BFCS3

Tgt Ion:106 Resp: 1824

Ion Ratio Lower Upper

106 100

91 170.2 145.5 270.3

