

Data File : VV011350.D
Acq On : 10 Jun 2019 15:11
Operator : SY/MD
Sample : K3226-15RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC33

Quant Time: Jun 11 01:36:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	145683	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	132107	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42361	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.55	69	37765	4.12	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	70803	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.94	46	130218	52.40	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.80%
24) Chloroform-d	4.40	84	89432	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	51518	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	179659	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.11	67	57207	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	156036	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	17080	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.13	63	101647	51.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40036	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	52037	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

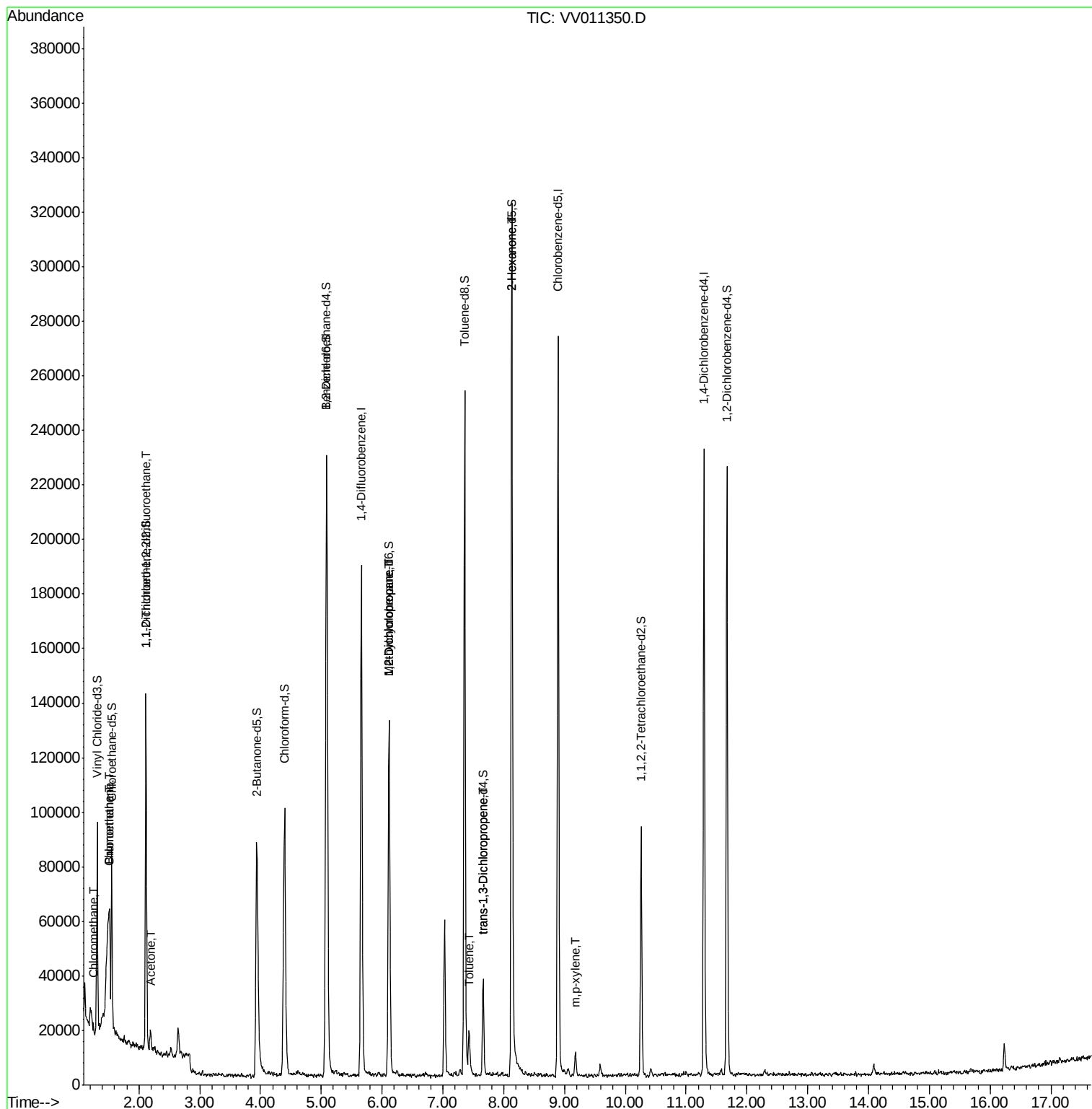
					Qvalue
3) Chloromethane	1.25	50	2141	0.154 ug/L	88
6) Bromomethane	1.51	94	1213	0.174 ug/L	95
8) Chloroethane	1.50	64	2527	0.295 ug/L #	64
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	782	0.083 ug/L #	25
13) Acetone	2.19	43	2594	1.557 ug/L	84
35) Methylcyclohexane	6.12	83	13898	0.774 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7332	0.701 ug/L #	88
42) Toluene	7.43	91	9938	0.222 ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	1033	0.089 ug/L	93
48) 2-Hexanone	8.13	43	13978	3.008 ug/L #	70
53) m,p-xylene	9.18	106	1938	0.105 ug/L	93

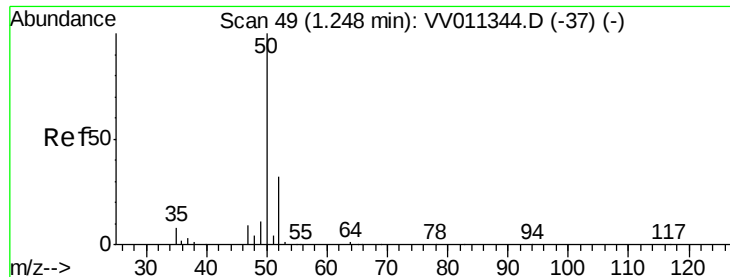
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.154 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011350.D

Acq: 10 Jun 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

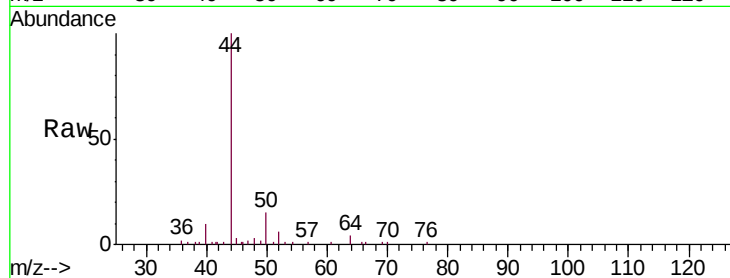
BFCS3

Tgt Ion: 50 Resp: 2141

Ion Ratio Lower Upper

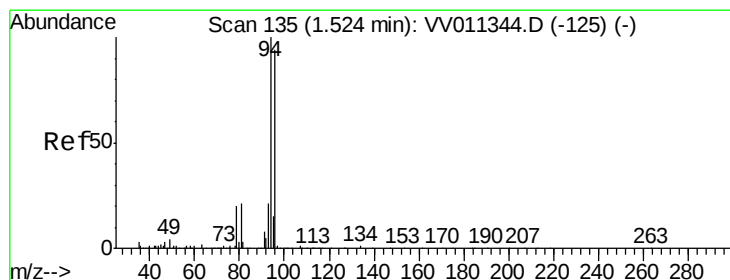
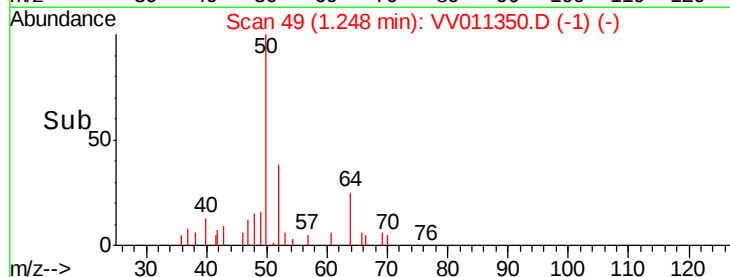
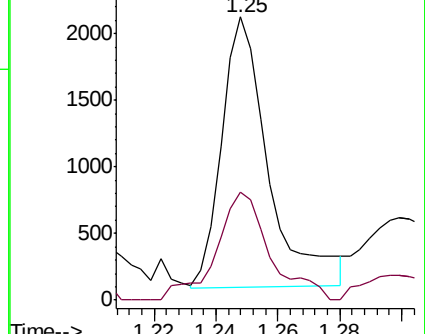
50 100

52 38.3 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011344.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV011344.D (-37) (-)



#6

Bromomethane

Concen: 0.174 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.02 min

Lab File: VV011350.D

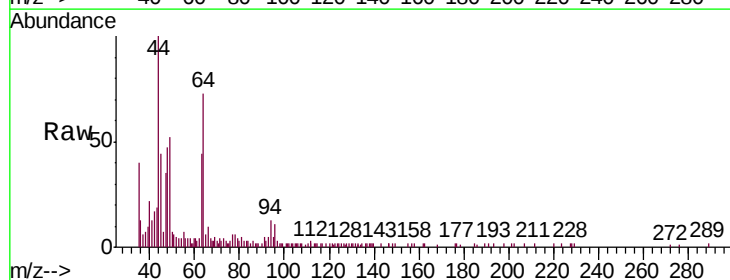
Acq: 10 Jun 2019 15:11

Tgt Ion: 94 Resp: 1213

Ion Ratio Lower Upper

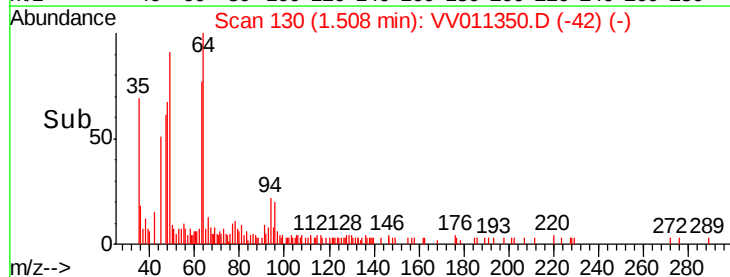
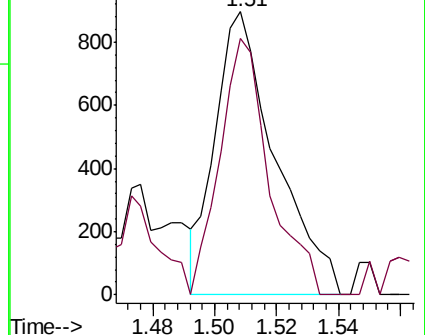
94 100

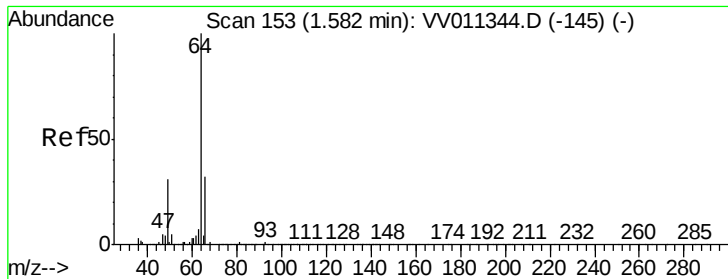
96 90.7 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV011344.D (-125) (-)

Ion 96.00 (95.70 to 96.70): VV011344.D (-125) (-)





#8

Chloroethane

Concen: 0.295 ug/L

RT: 1.50 min Scan# 127

Delta R.T. -0.08 min

Lab File: VV011350.D

Acq: 10 Jun 2019 15:11

Instrument :

MSVOA_V

ClientSampled :

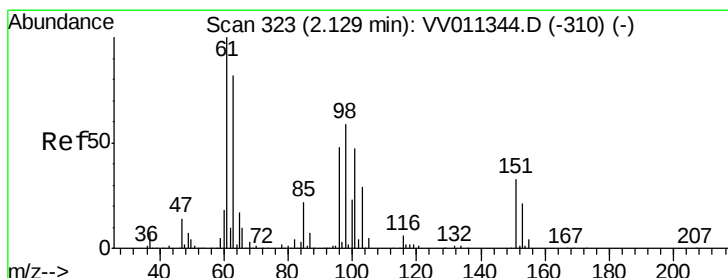
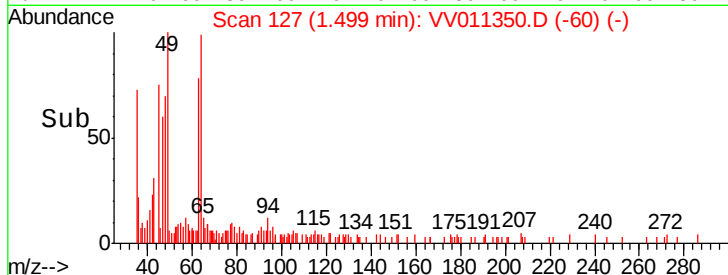
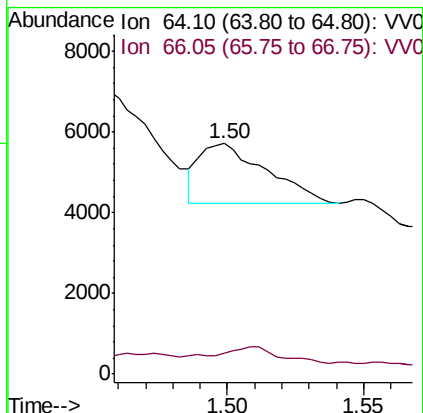
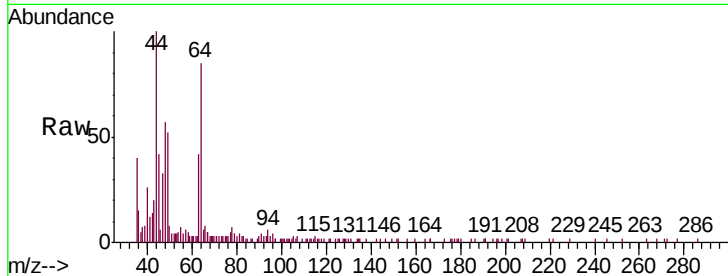
BFCS3

Tgt Ion: 64 Resp: 2527

Ion Ratio Lower Upper

64 100

66 9.0 19.4 36.0#



#10

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

Concen: 0.083 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011350.D

Acq: 10 Jun 2019 15:11

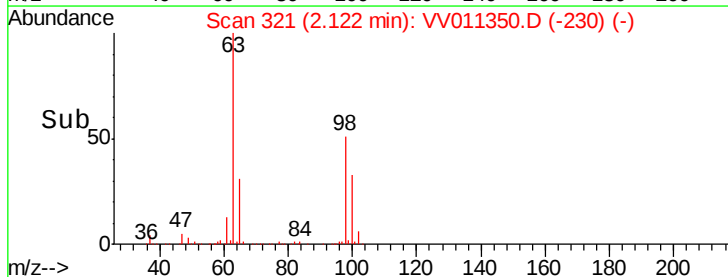
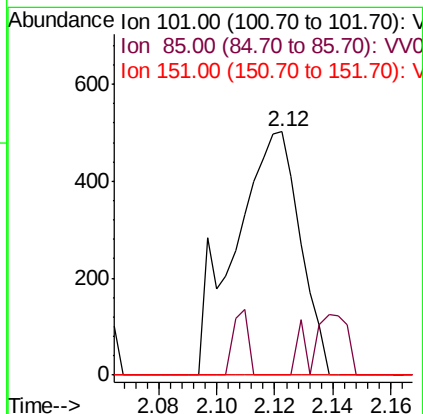
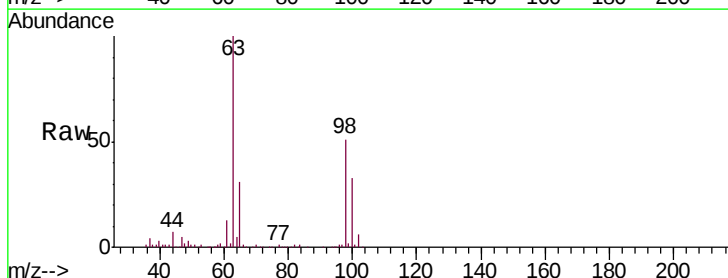
Tgt Ion: 101 Resp: 782

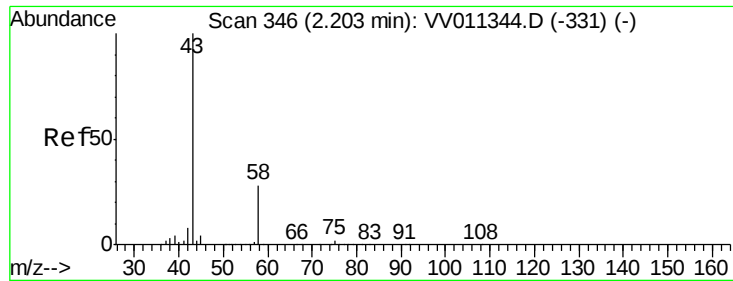
Ion Ratio Lower Upper

101 100

85 6.3 35.5 53.3#

151 0.0 56.9 85.3#





#13

Acetone

Concen: 1.557 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV011350.D

Acq: 10 Jun 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

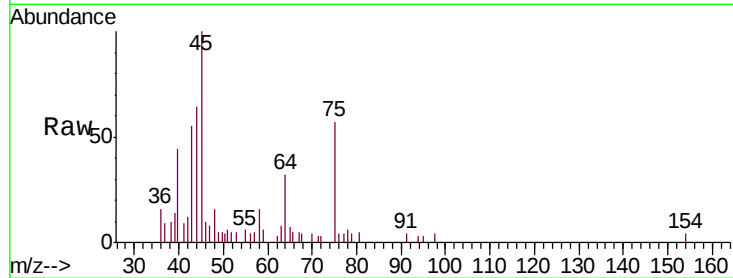
BFCS3

Tgt Ion: 43 Resp: 2594

Ion Ratio Lower Upper

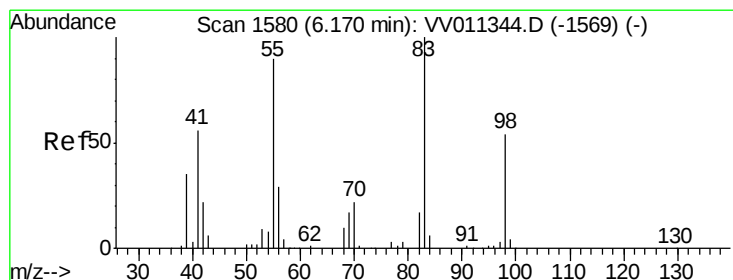
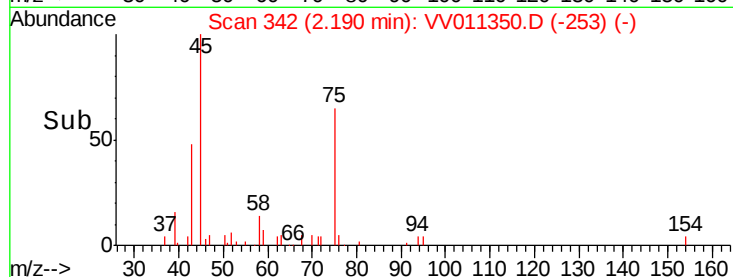
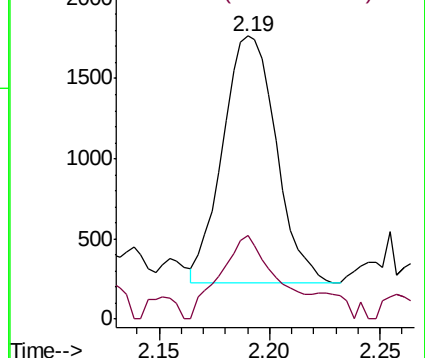
43 100

58 36.1 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#35

Methylcyclohexane

Concen: 0.774 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011350.D

Acq: 10 Jun 2019 15:11

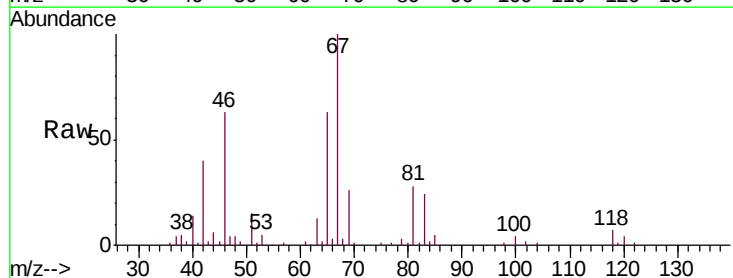
Tgt Ion: 83 Resp: 13898

Ion Ratio Lower Upper

83 100

55 1.4 67.0 100.6#

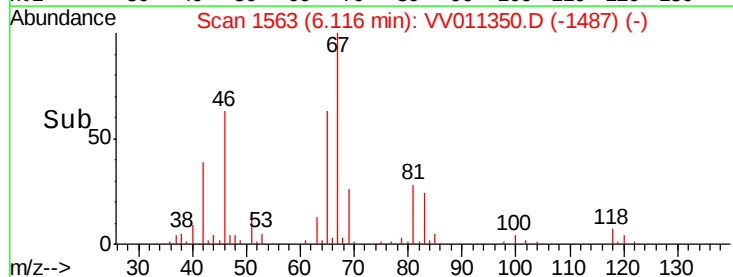
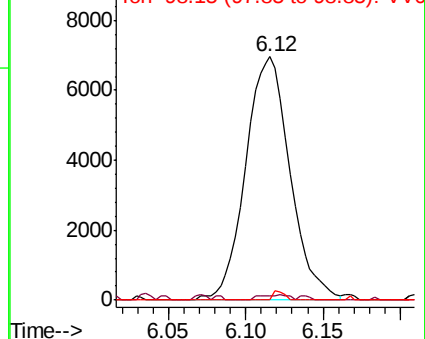
98 0.7 40.0 60.0#

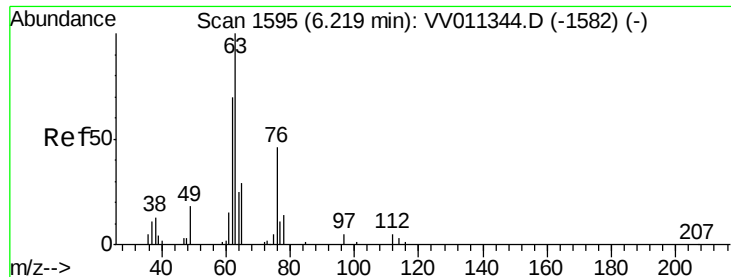


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.701 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011350.D

Acq: 10 Jun 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

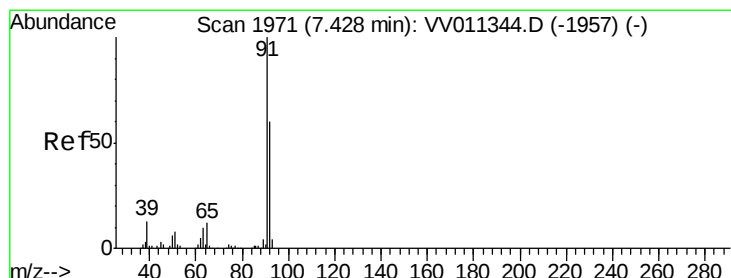
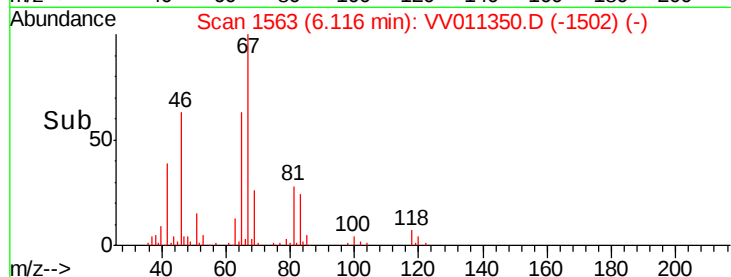
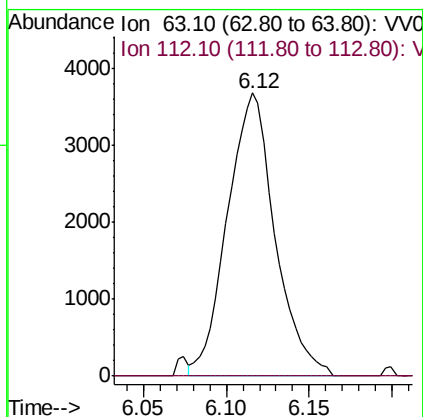
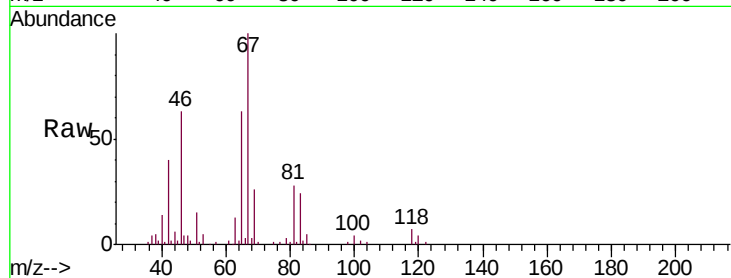
BFCS3

Tgt Ion: 63 Resp: 7332

Ion Ratio Lower Upper

63 100

112 0.6 3.6 5.4#



#42

Toluene

Concen: 0.222 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV011350.D

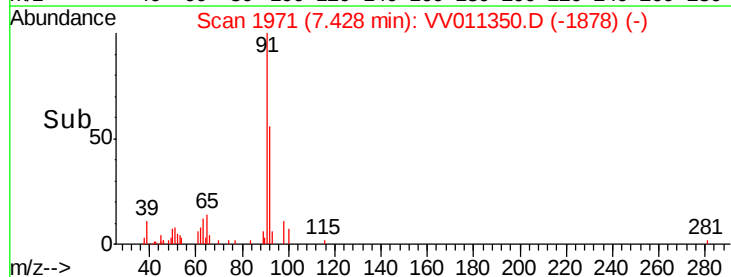
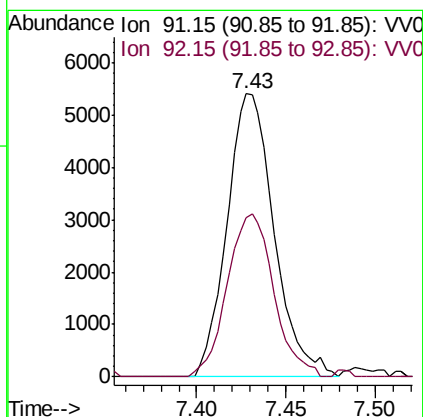
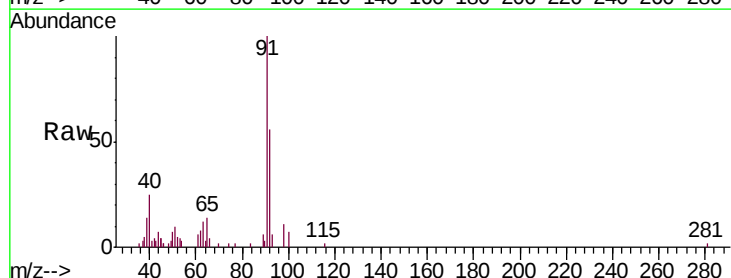
Acq: 10 Jun 2019 15:11

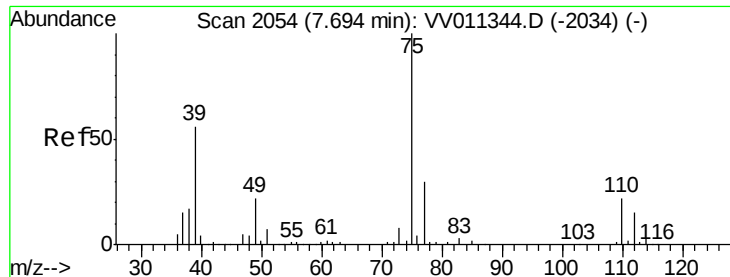
Tgt Ion: 91 Resp: 9938

Ion Ratio Lower Upper

91 100

92 56.1 39.9 74.1





#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011350.D

Acq: 10 Jun 2019 15:11

Instrument :

MSVOA_V

ClientSampled :

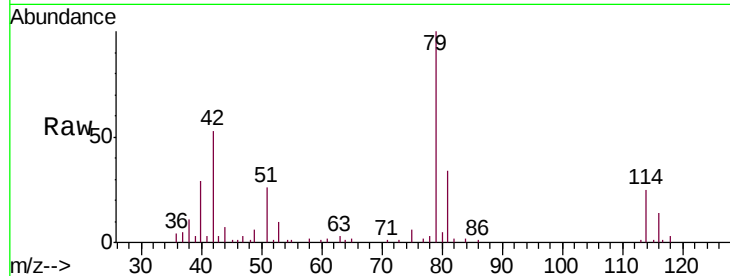
BFCS3

Tgt Ion: 75 Resp: 1033

Ion Ratio Lower Upper

75 100

77 37.2 23.1 42.9

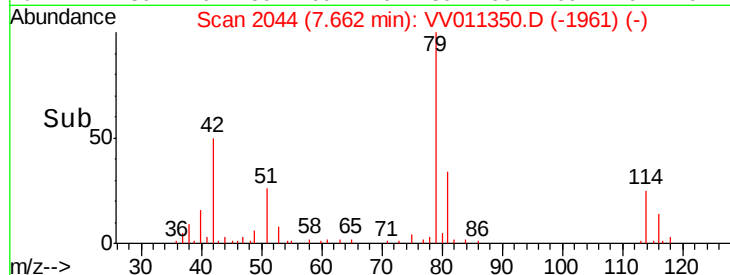


Abundance Ion 75.05 (74.75 to 75.75): VV011344.D (-2034) (-)

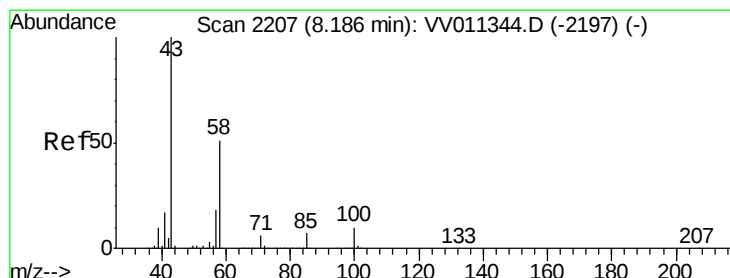
Ion 77.05 (76.75 to 77.75): VV011344.D (-2034) (-)

7.66

7.70



Time-->



#48

2-Hexanone

Concen: 3.008 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011350.D

Acq: 10 Jun 2019 15:11

Tgt Ion: 43 Resp: 13978

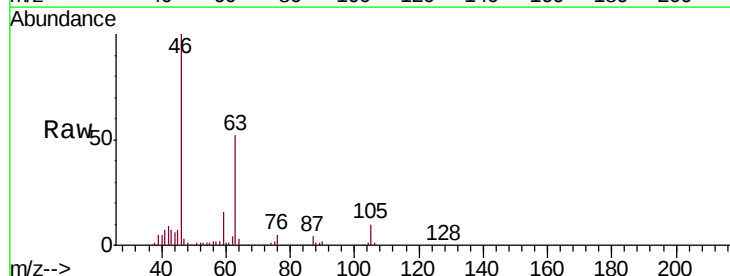
Ion Ratio Lower Upper

43 100

58 27.1 41.4 62.0#

57 25.9 15.0 22.4#

100 0.2 9.0 13.4#

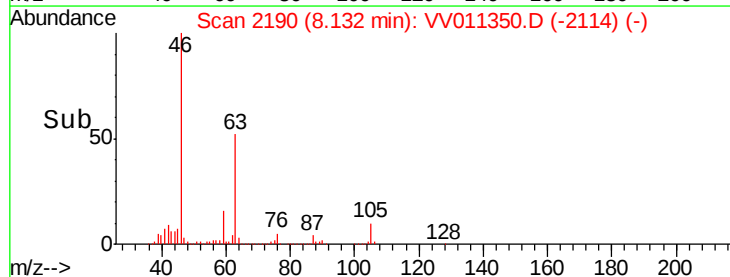


Abundance Ion 43.05 (42.75 to 43.75): VV011344.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV011344.D (-2197) (-)

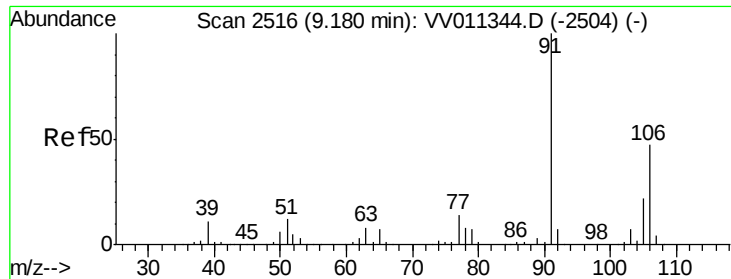
Ion 57.20 (56.90 to 57.90): VV011344.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV011344.D (-2197) (-)



Time-->

8.13



#53

m,p-xylene

Concen: 0.105 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011350.D

Acq: 10 Jun 2019 15:11

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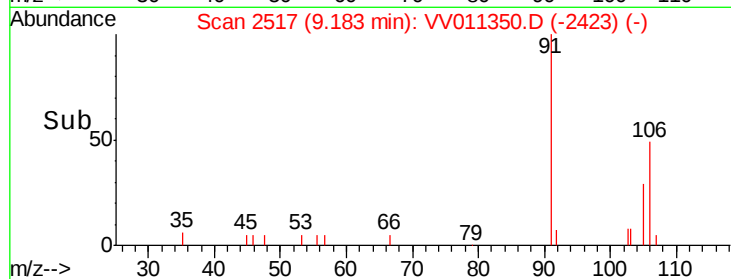
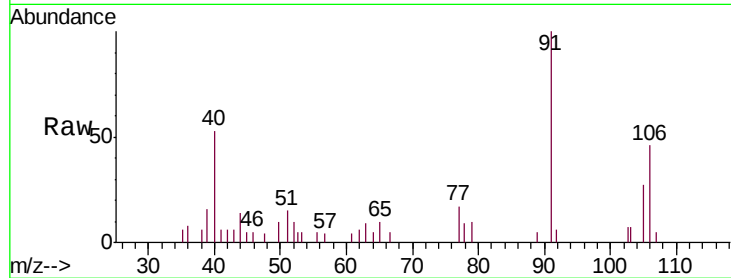
BFCS3

Tgt Ion:106 Resp: 1938

Ion Ratio Lower Upper

106 100

91 218.3 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

