

Data File : VV011449.D
Acq On : 13 Jun 2019 07:02
Operator : SY/MD
Sample : K3289-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC55

Quant Time: Jun 13 08:28:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 08:24:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137555	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46363	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32492	3.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.40%
7) Chloroethane-d5	1.58	69	28237	3.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.20%
11) 1,1-Dichloroethene-d2	2.12	63	59234	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.97	46	113744	48.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.94%
24) Chloroform-d	4.40	84	81352	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	47258	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.09	84	156406	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.12	67	50616	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	131948	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	7.66	79	12709	2.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.60%
46) 2-Hexanone-d5	8.14	63	80820	43.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34689	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	41898	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

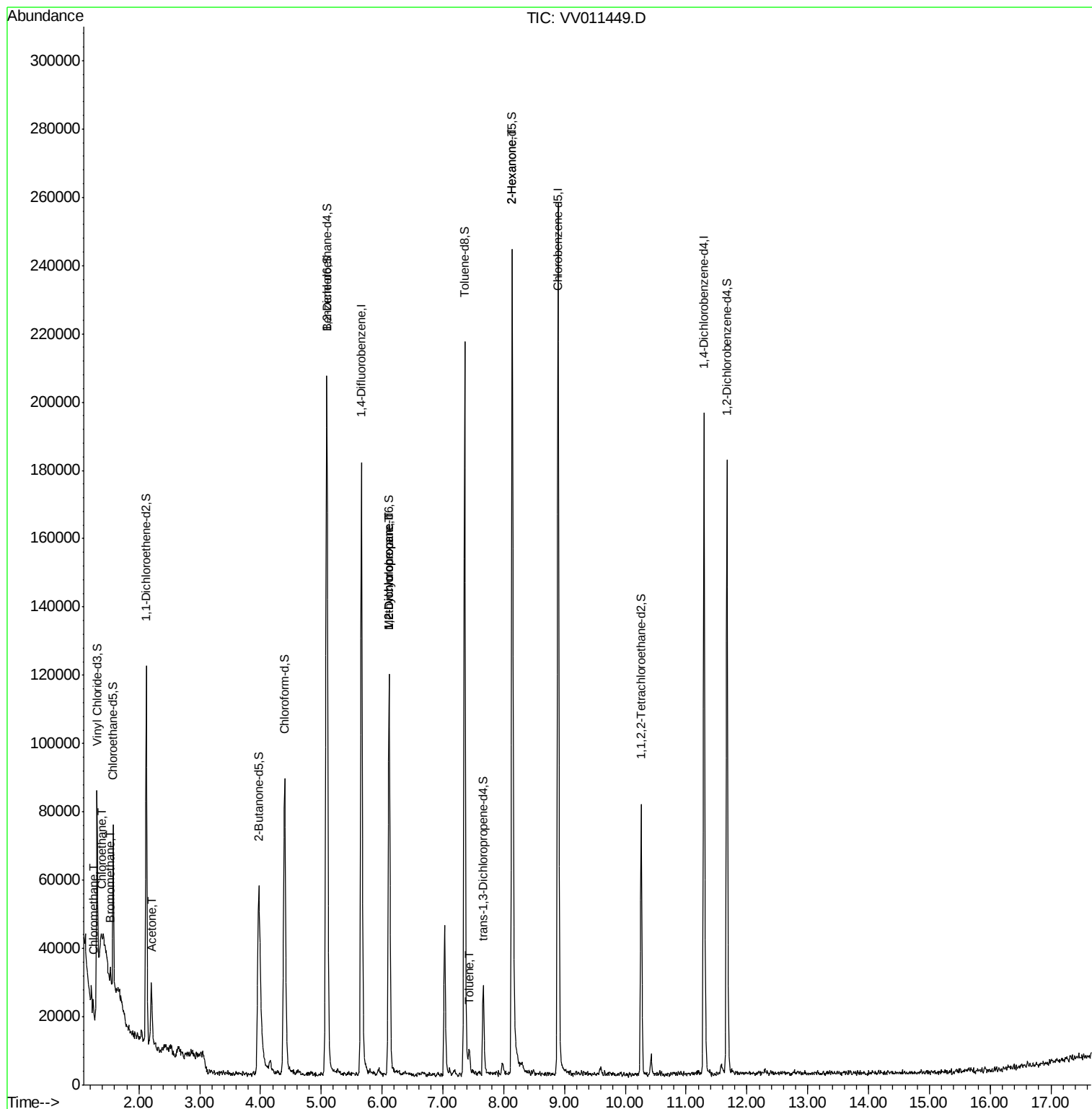
					Qvalue
3) Chloromethane	1.25	50	3695	0.282 ug/L	96
6) Bromomethane	1.53	94	1647	0.250 ug/L	90
8) Chloroethane	1.38	64	44146	5.459 ug/L #	56
13) Acetone	2.22	43	3592	2.283 ug/L	72
35) Methylcyclohexane	6.12	83	11935	0.698 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	6497	0.653 ug/L #	89
42) Toluene	7.43	91	3677	0.086 ug/L	81
48) 2-Hexanone	8.14	43	11897	2.690 ug/L #	76

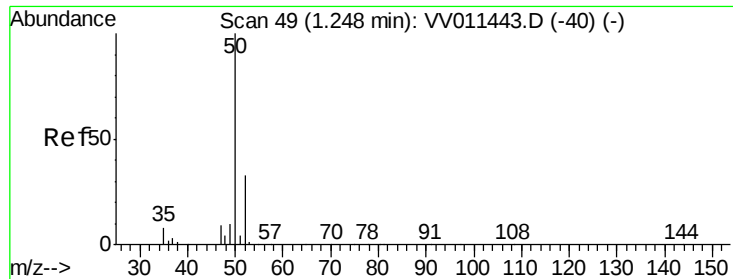
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.282 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011449.D

Acq: 13 Jun 2019 07:02

Instrument :

MSVOA_V

ClientSampled :

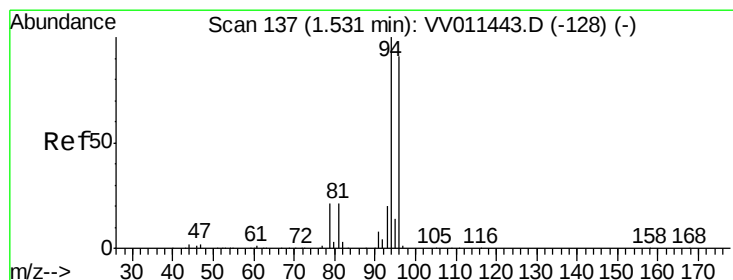
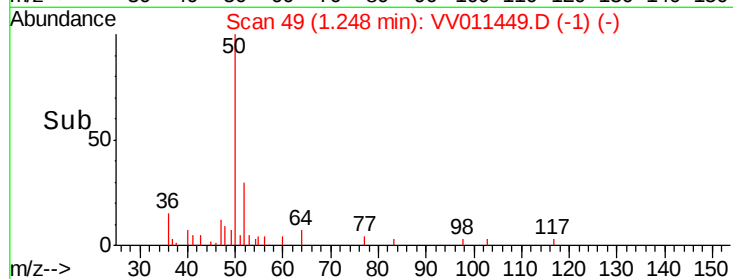
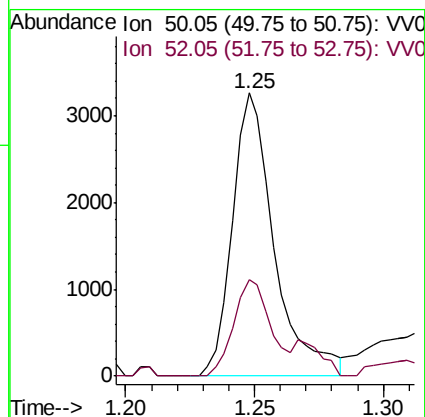
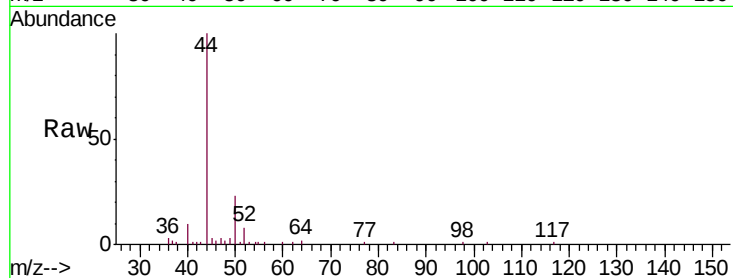
BFC55

Tgt Ion: 50 Resp: 3695

Ion Ratio Lower Upper

50 100

52 34.3 22.3 41.5



#6

Bromomethane

Concen: 0.250 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV011449.D

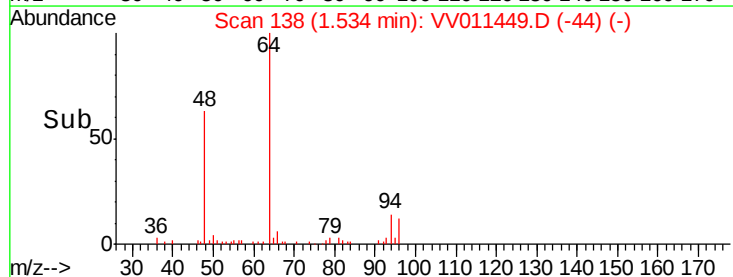
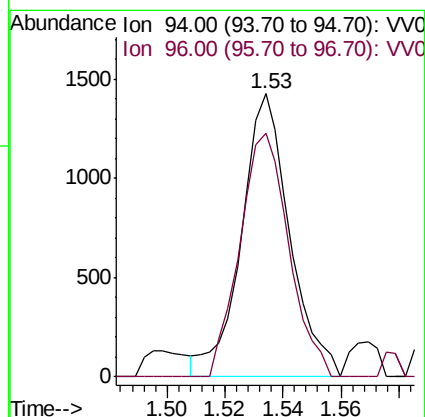
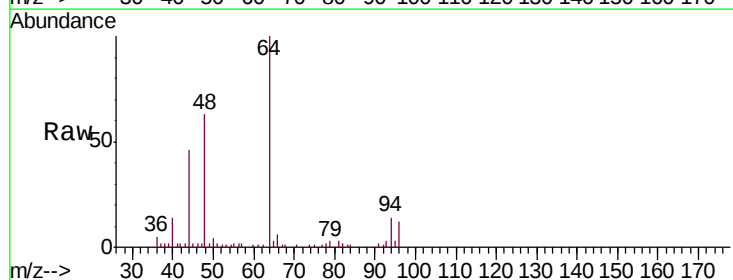
Acq: 13 Jun 2019 07:02

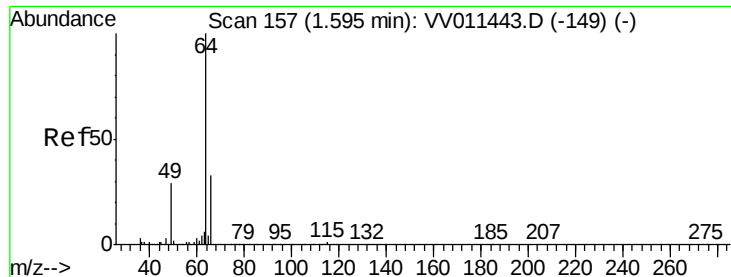
Tgt Ion: 94 Resp: 1647

Ion Ratio Lower Upper

94 100

96 85.9 67.0 124.4





#8

Chloroethane

Concen: 5.459 ug/L

RT: 1.38 min Scan# 91

Delta R.T. -0.21 min

Lab File: VV011449.D

Acq: 13 Jun 2019 07:02

Instrument :

MSVOA_V

ClientSampleId :

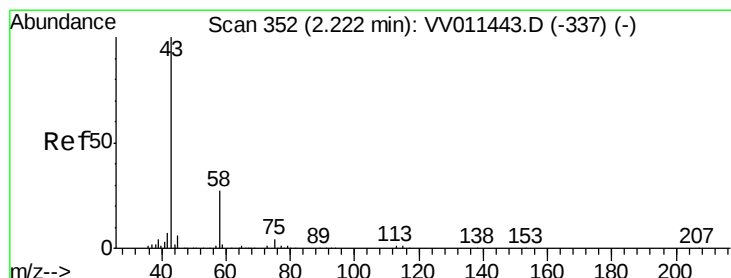
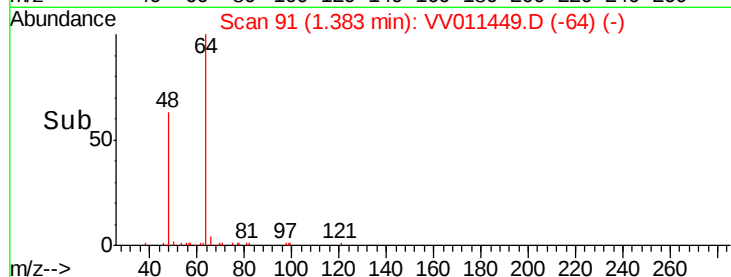
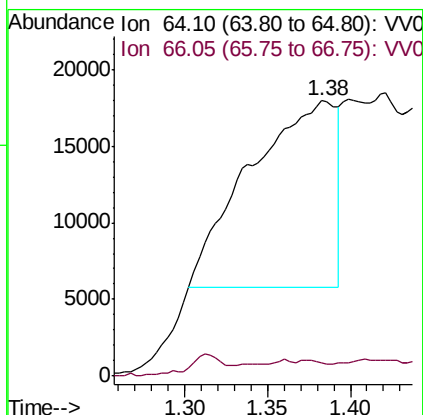
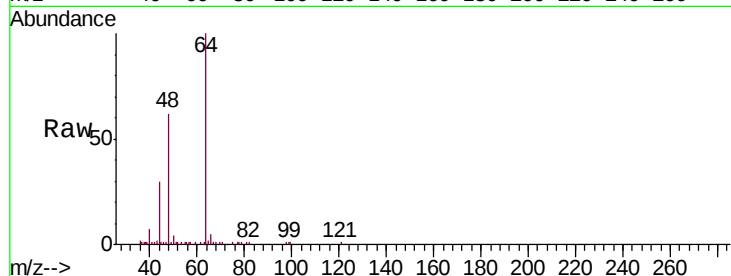
BFC55

Tgt Ion: 64 Resp: 44146

Ion Ratio Lower Upper

64 100

66 4.9 19.4 36.0#



#13

Acetone

Concen: 2.283 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV011449.D

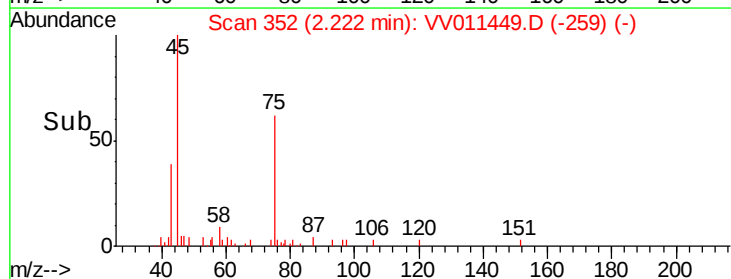
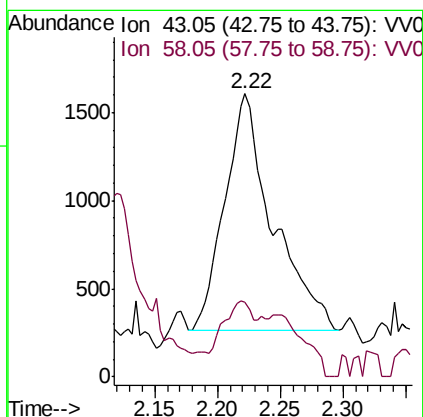
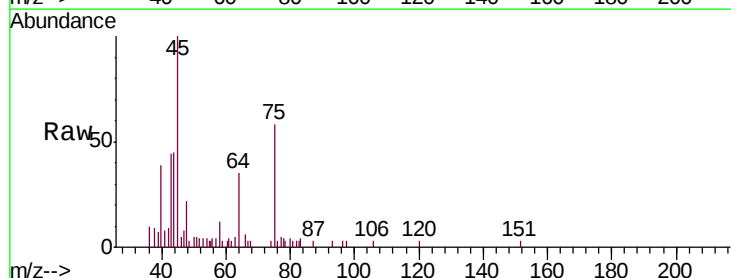
Acq: 13 Jun 2019 07:02

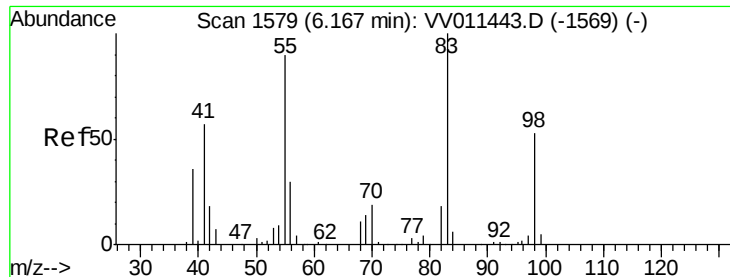
Tgt Ion: 43 Resp: 3592

Ion Ratio Lower Upper

43 100

58 13.2 0.0 55.2





#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011449.D

Acq: 13 Jun 2019 07:02

Instrument :

MSVOA_V

ClientSampleId :

BFCS5

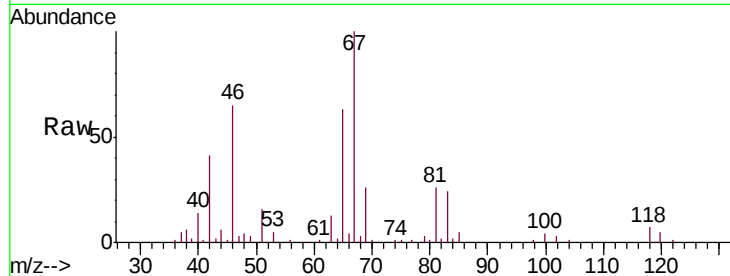
Tgt Ion: 83 Resp: 11935

Ion Ratio Lower Upper

83 100

55 0.2 67.0 100.6#

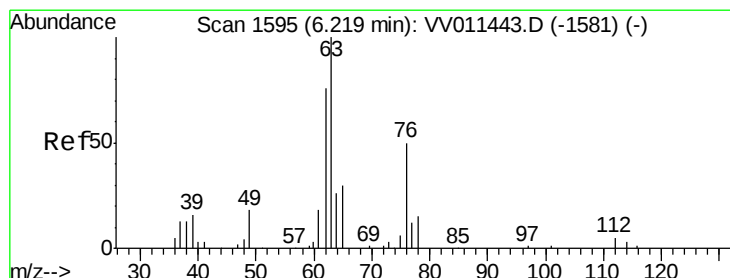
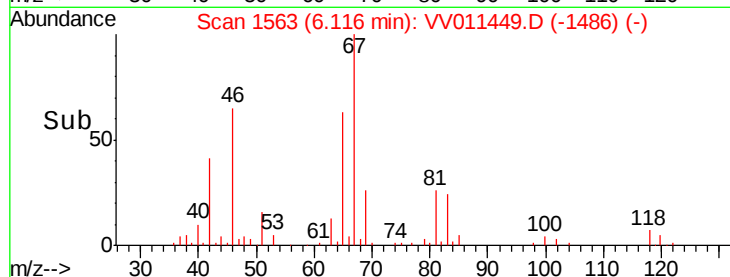
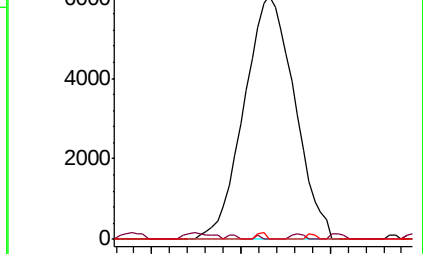
98 0.5 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV011449.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV011449.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV011449.D (-1569) (-)



#37

1,2-Dichloropropane

Concen: 0.653 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011449.D

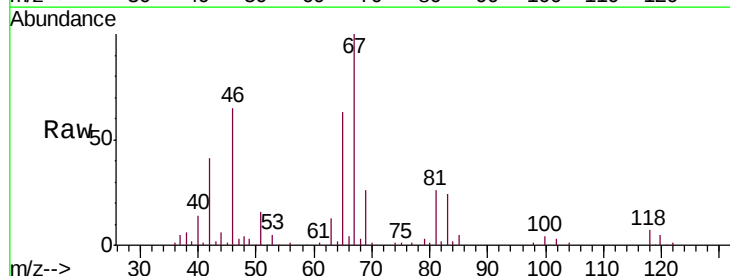
Acq: 13 Jun 2019 07:02

Tgt Ion: 63 Resp: 6497

Ion Ratio Lower Upper

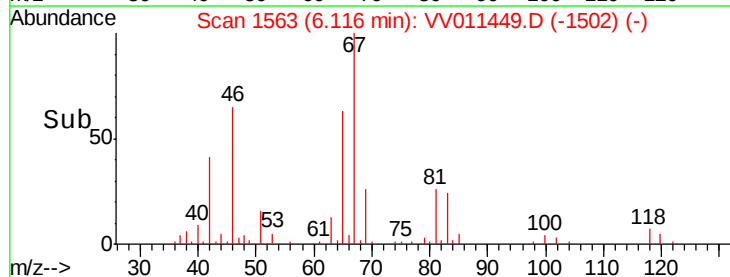
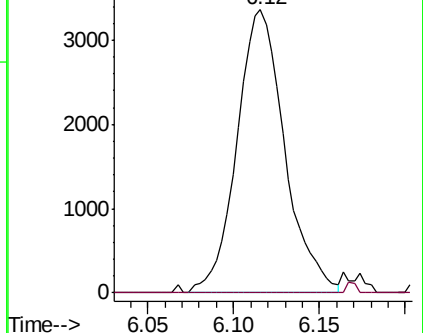
63 100

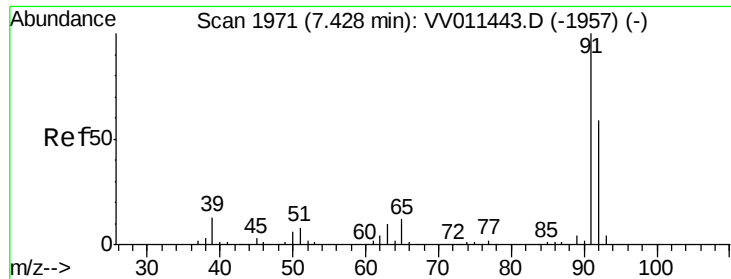
112 0.7 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011449.D (-1581) (-)

Ion 112.10 (111.80 to 112.80): VV011449.D (-1581) (-)





#42

Toluene

Concen: 0.086 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV011449.D

Acq: 13 Jun 2019 07:02

Instrument :

MSVOA_V

ClientSampleId :

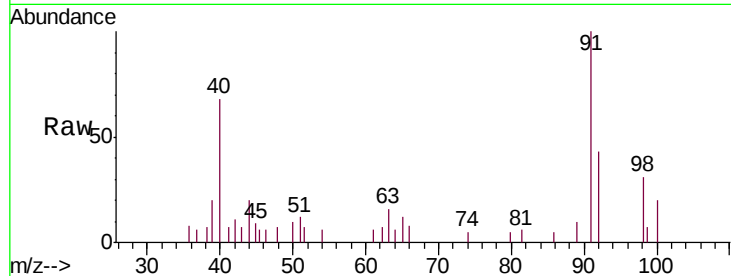
BFC55

Tgt Ion: 91 Resp: 3677

Ion Ratio Lower Upper

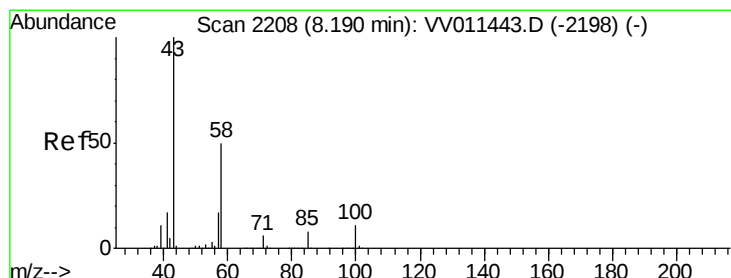
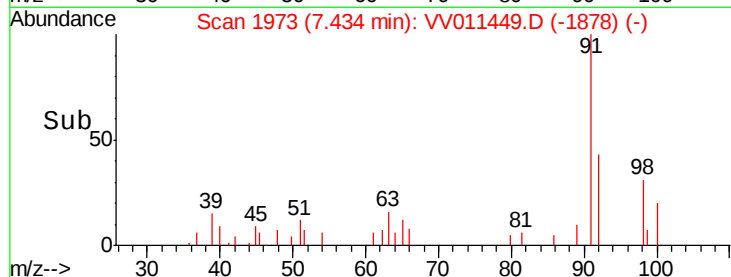
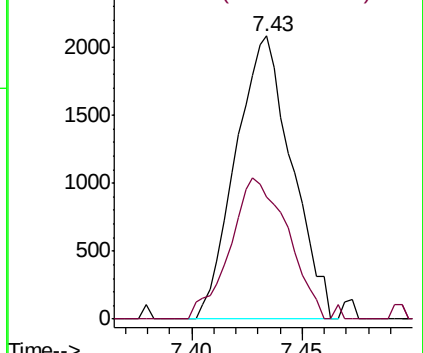
91 100

92 43.2 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#48

2-Hexanone

Concen: 2.690 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011449.D

Acq: 13 Jun 2019 07:02

Tgt Ion: 43 Resp: 11897

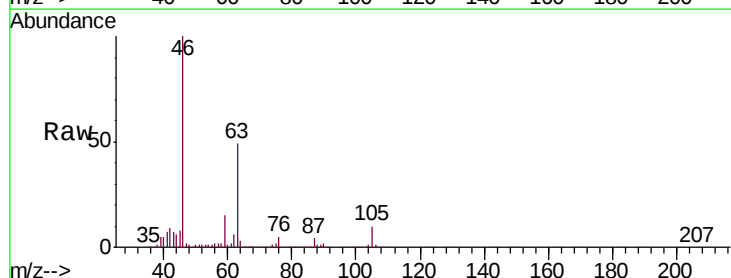
Ion Ratio Lower Upper

43 100

58 35.5 41.4 62.0#

57 29.7 15.0 22.4#

100 0.8 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

