

Data File : VV011446.D
Acq On : 13 Jun 2019 05:31
Operator : SY/MD
Sample : K3286-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Jun 13 08:28:06 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	126568	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117501	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	43789	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45914	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	33072	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.12	63	75880	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.97	46	111796	51.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.56%
24) Chloroform-d	4.40	84	86568	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.08	65	48178	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.09	84	170785	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	52234	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	146223	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.66	79	14220	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.14	63	82760	47.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34503	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	45149	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

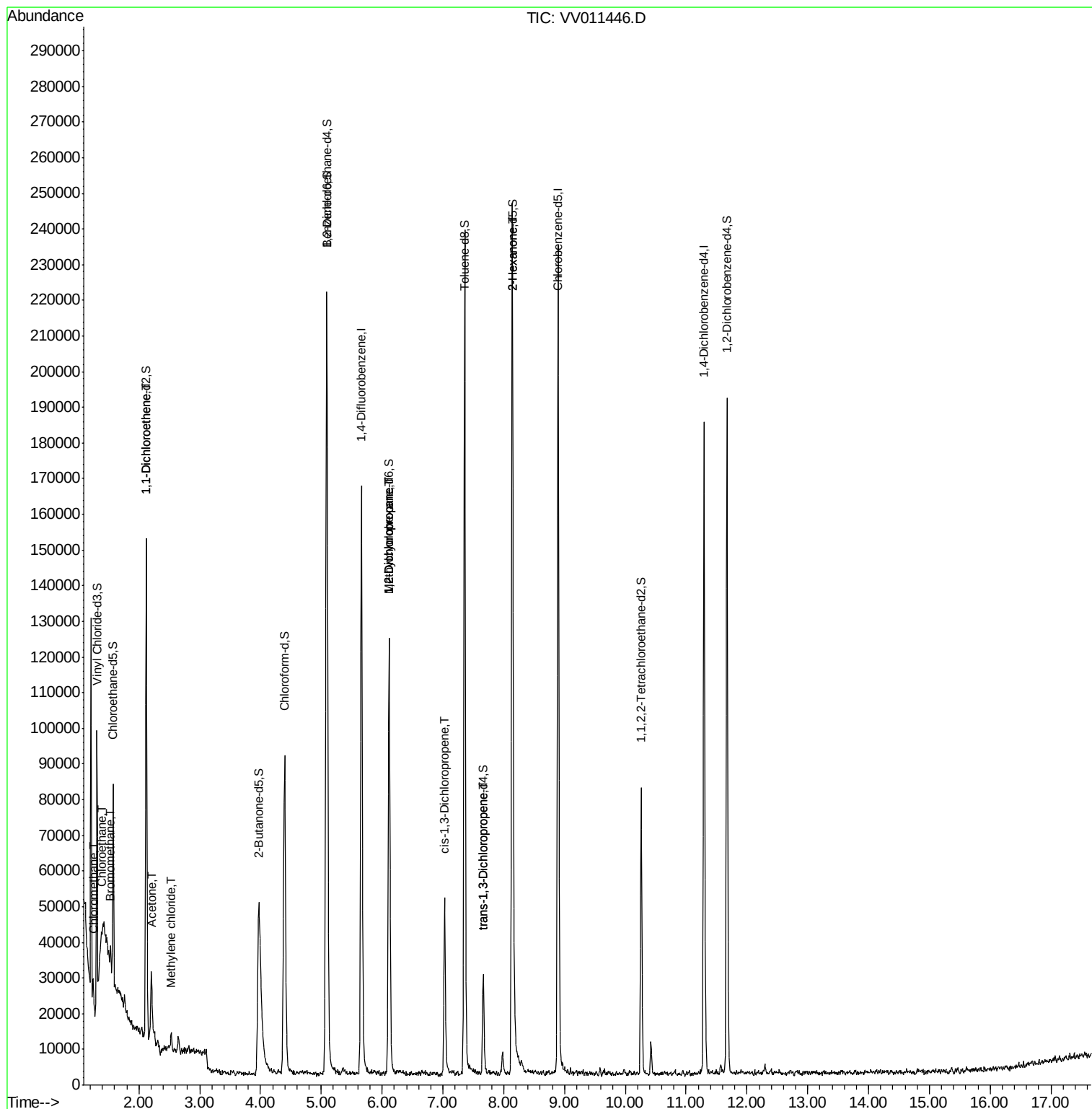
					Qvalue
3) Chloromethane	1.25	50	4976	0.412 ug/L	100
6) Bromomethane	1.53	94	3069	0.507 ug/L	82
8) Chloroethane	1.39	64	52609	7.070 ug/L #	57
12) 1,1-Dichloroethene	2.12	96	841	0.105 ug/L #	1
13) Acetone	2.22	43	3581	2.474 ug/L	71
16) Methylene chloride	2.53	84	1582	0.193 ug/L	97
35) Methylcyclohexane	6.12	83	13106	0.820 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	6911	0.743 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1453	0.107 ug/L #	63
44) trans-1,3-Dichloropropene	7.67	75	865	0.084 ug/L #	45
48) 2-Hexanone	8.14	43	13806	3.340 ug/L #	70

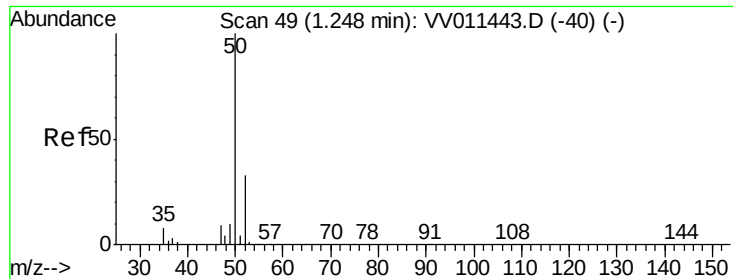
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.412 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011446.D

Acq: 13 Jun 2019 05:31

Instrument :

MSVOA_V

ClientSampled :

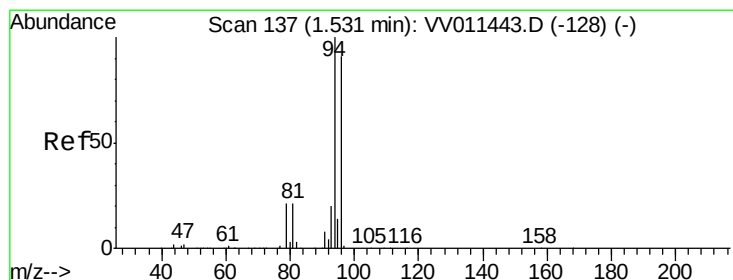
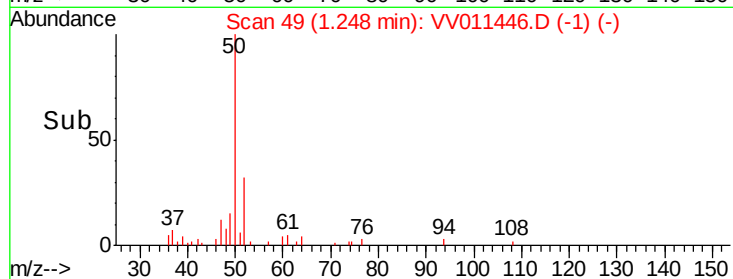
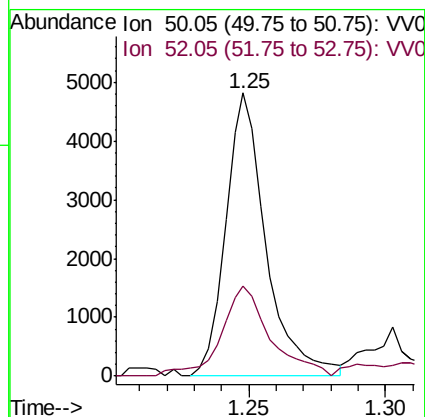
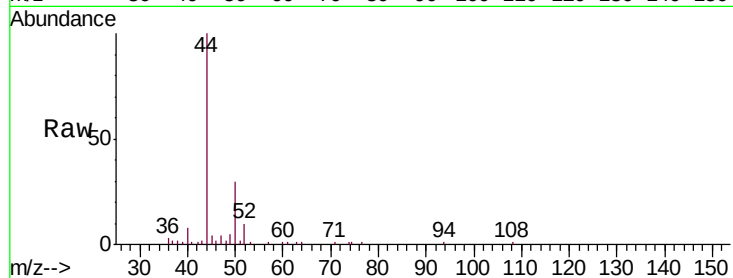
VHBLK02

Tgt Ion: 50 Resp: 4976

Ion Ratio Lower Upper

50 100

52 31.9 22.3 41.5



#6

Bromomethane

Concen: 0.507 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV011446.D

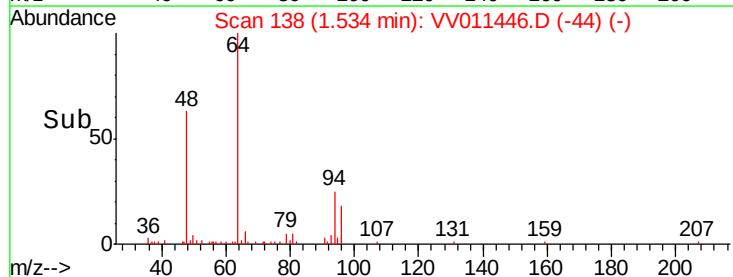
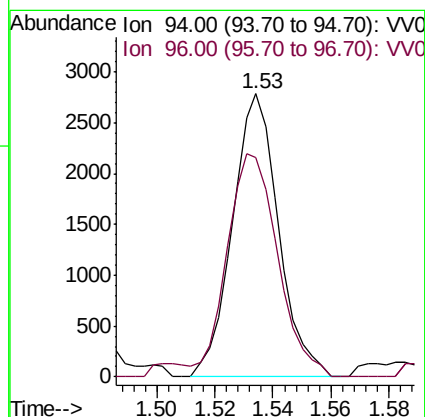
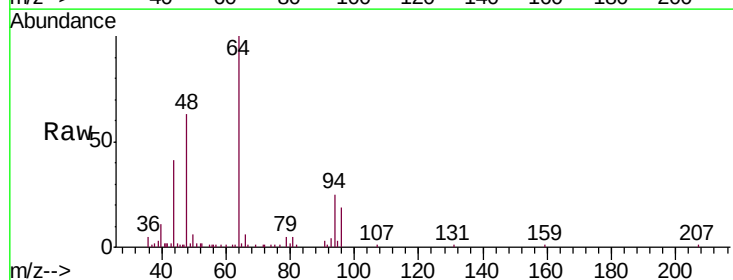
Acq: 13 Jun 2019 05:31

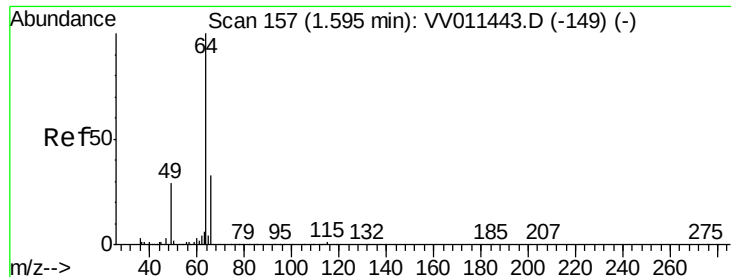
Tgt Ion: 94 Resp: 3069

Ion Ratio Lower Upper

94 100

96 77.7 67.0 124.4





#8

Chloroethane

Concen: 7.070 ug/L

RT: 1.39 min Scan# 92

Delta R.T. -0.21 min

Lab File: VV011446.D

Acq: 13 Jun 2019 05:31

Instrument :

MSVOA_V

ClientSampleId :

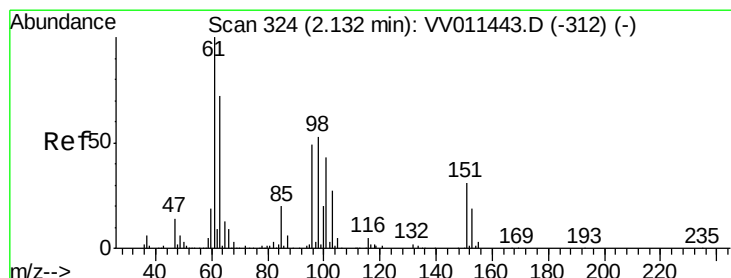
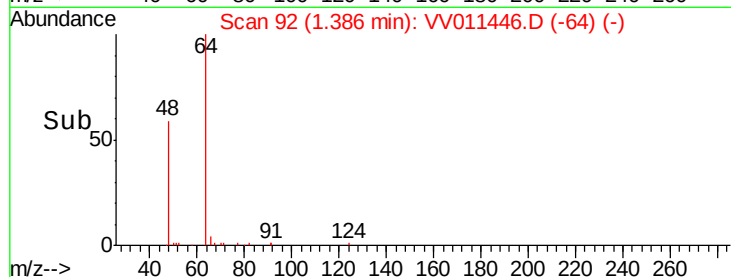
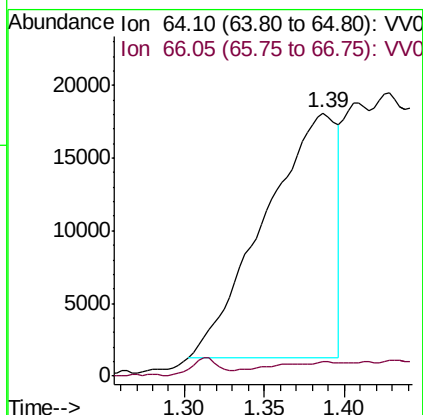
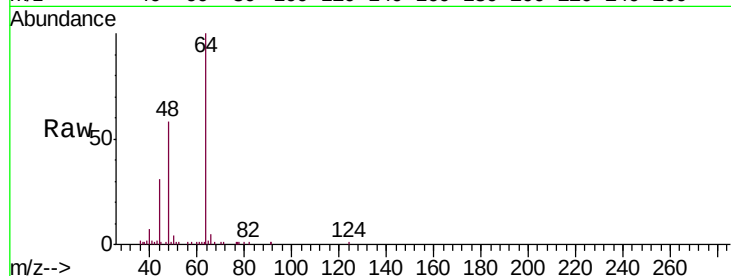
VHBLK02

Tgt Ion: 64 Resp: 52609

Ion Ratio Lower Upper

64 100

66 5.4 19.4 36.0#



#12

1,1-Dichloroethene

Concen: 0.105 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011446.D

Acq: 13 Jun 2019 05:31

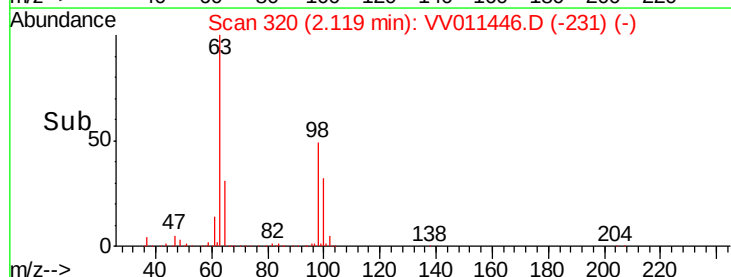
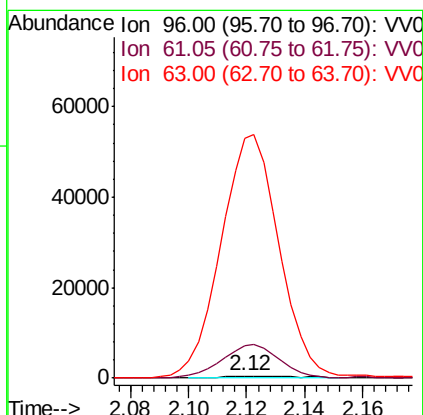
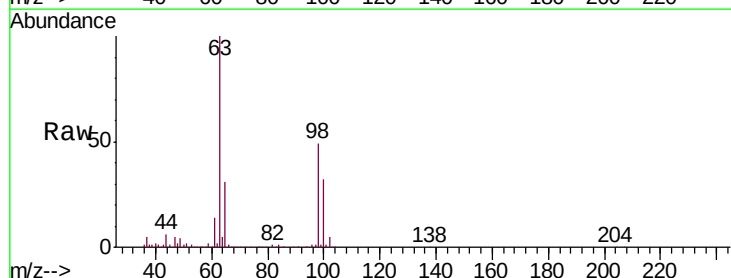
Tgt Ion: 96 Resp: 841

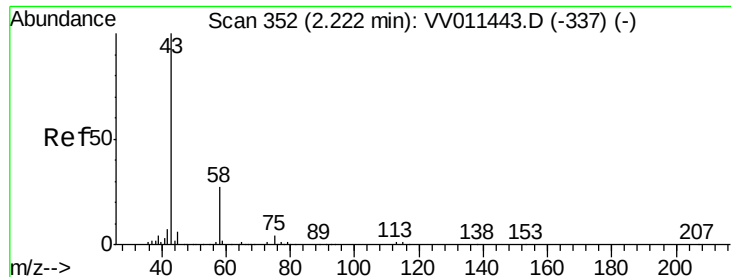
Ion Ratio Lower Upper

96 100

61 1550.1 139.8 259.6#

63 11325.1 94.3 175.1#





#13

Acetone

Concen: 2.474 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV011446.D

Acq: 13 Jun 2019 05:31

Instrument :

MSVOA_V

ClientSampleId :

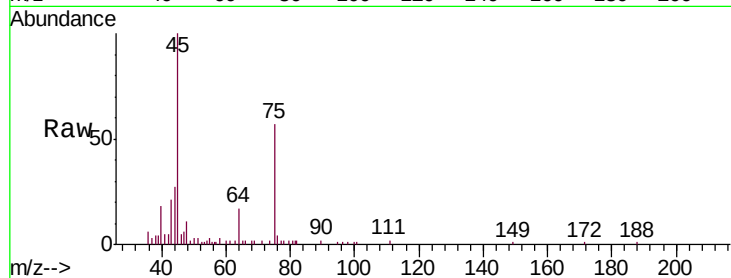
VHBLK02

Tgt Ion: 43 Resp: 3581

Ion Ratio Lower Upper

43 100

58 12.6 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

1500

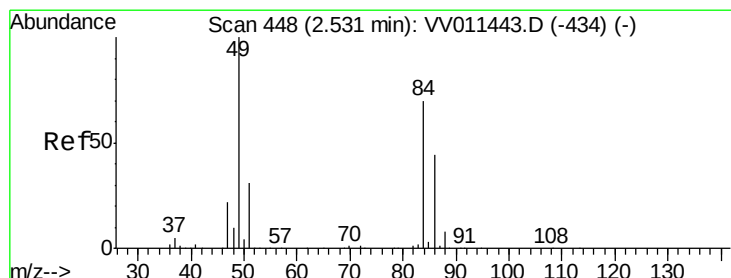
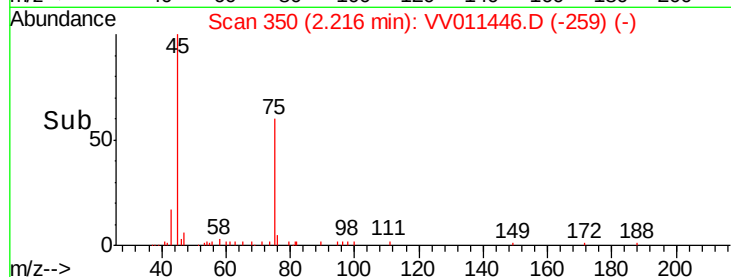
1000

500

0

2.15 2.20 2.25 2.30

Time-->



#16

Methylene chloride

Concen: 0.193 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV011446.D

Acq: 13 Jun 2019 05:31

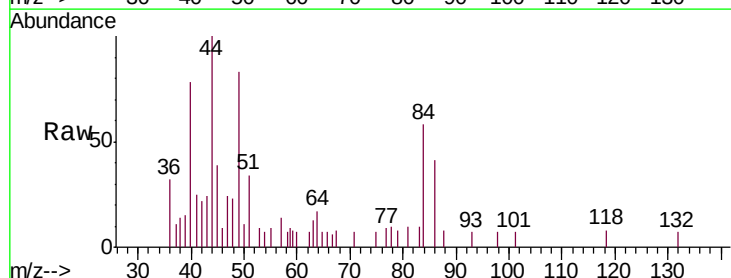
Tgt Ion: 84 Resp: 1582

Ion Ratio Lower Upper

84 100

86 70.1 44.9 83.3

49 144.3 102.1 189.5



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

1500

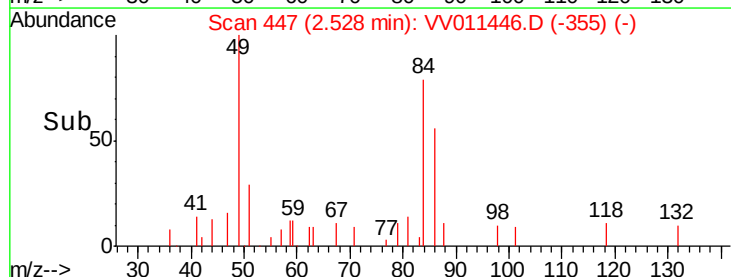
1000

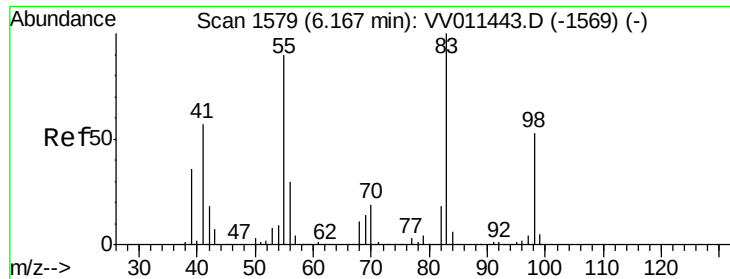
500

0

2.50 2.55

Time-->

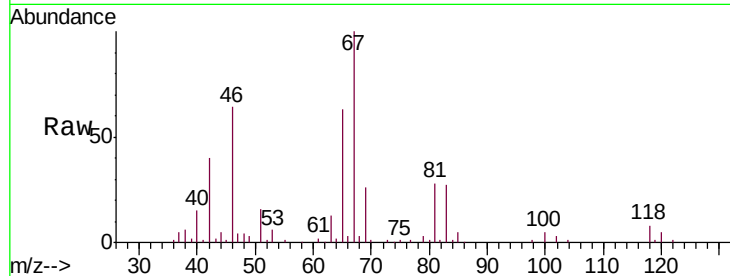




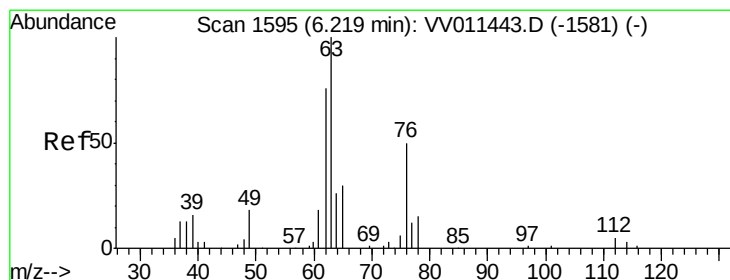
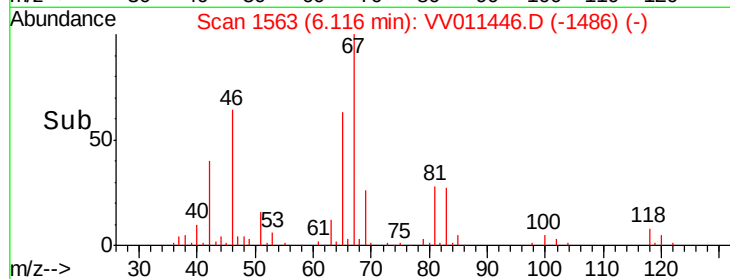
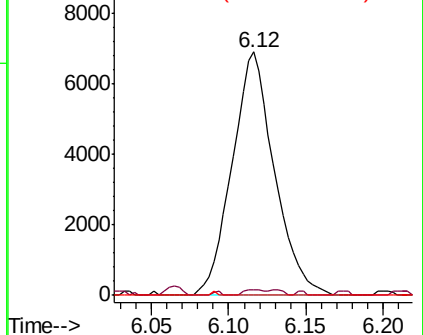
#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011446.D
Acq: 13 Jun 2019 05:31

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Tgt Ion: 83 Resp: 13106
Ion Ratio Lower Upper
83 100
55 1.3 67.0 100.6#
98 0.0 40.0 60.0#

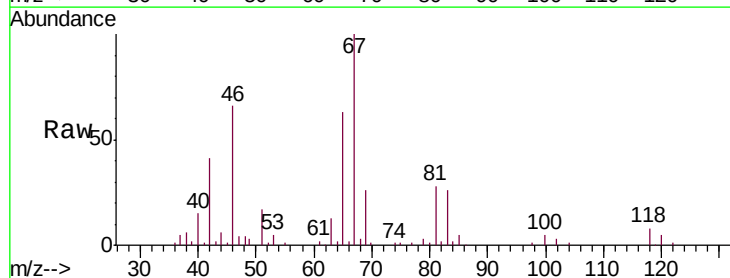


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

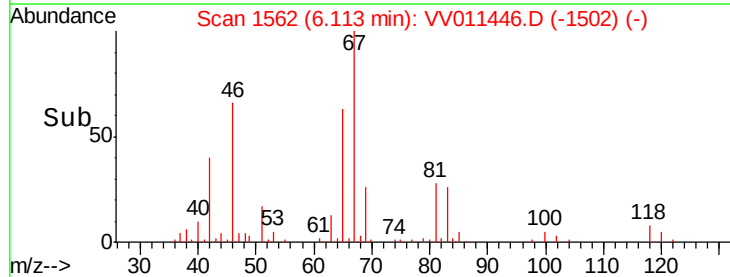
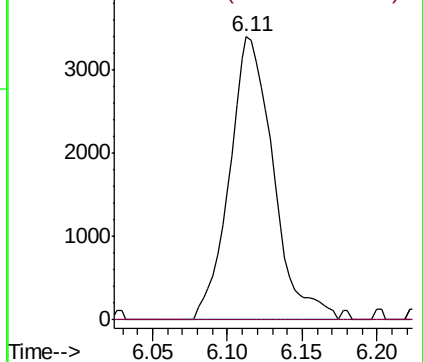


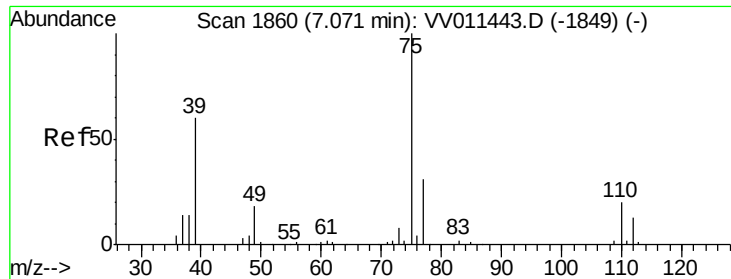
#37
1,2-Dichloropropane
Concen: 0.743 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011446.D
Acq: 13 Jun 2019 05:31

Tgt Ion: 63 Resp: 6911
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

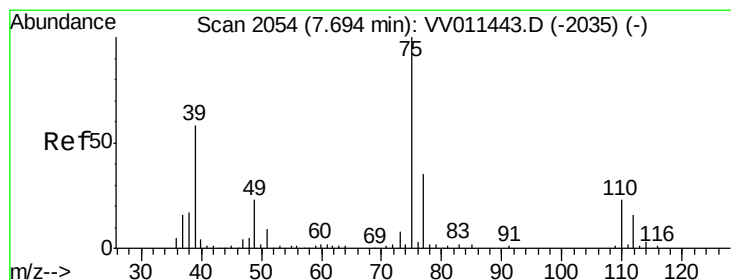
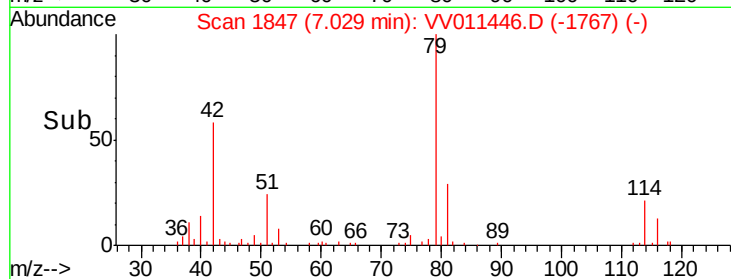
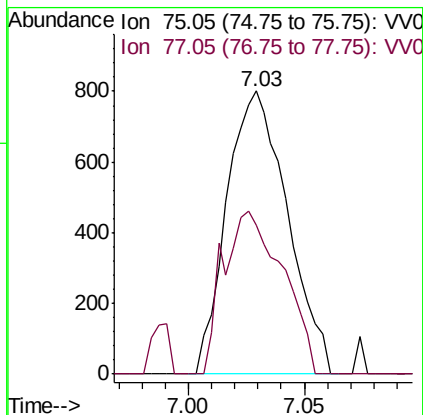
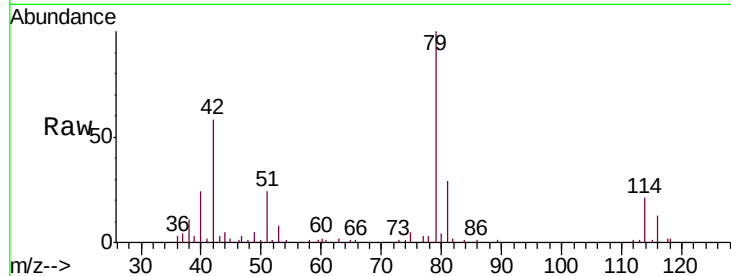




#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011446.D
 Acq: 13 Jun 2019 05:31

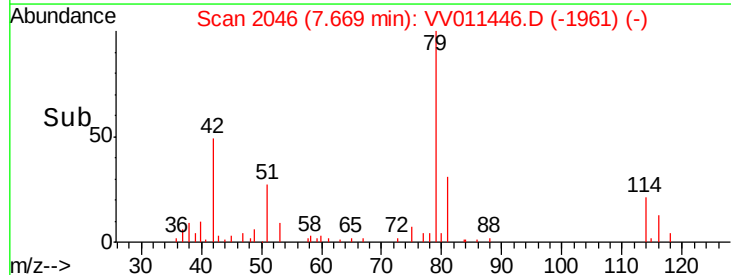
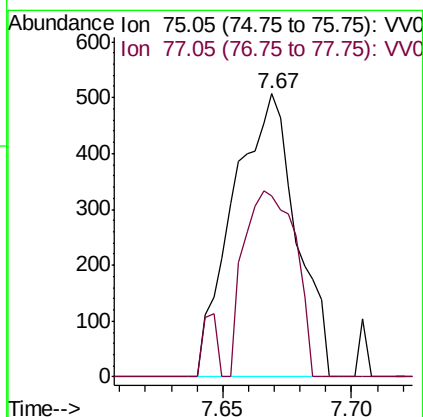
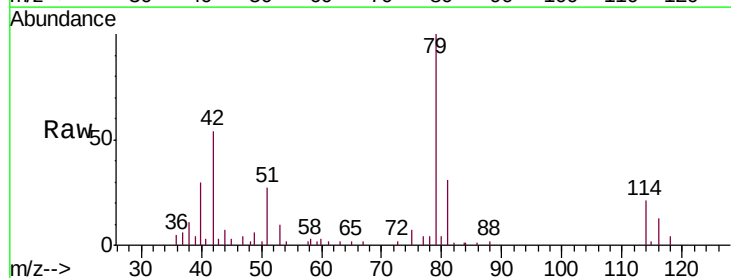
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

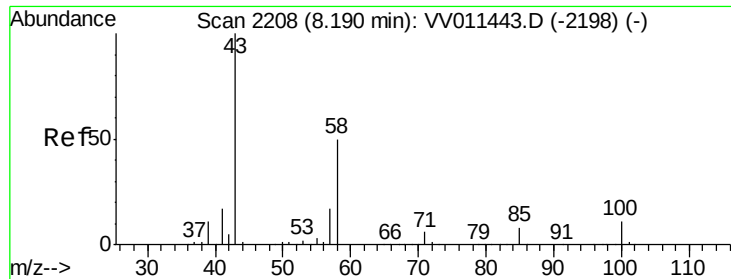
Tgt Ion: 75 Resp: 1453
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV011446.D
 Acq: 13 Jun 2019 05:31

Tgt Ion: 75 Resp: 865
 Ion Ratio Lower Upper
 75 100
 77 63.9 23.1 42.9#





#48

2-Hexanone

Concen: 3.340 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011446.D

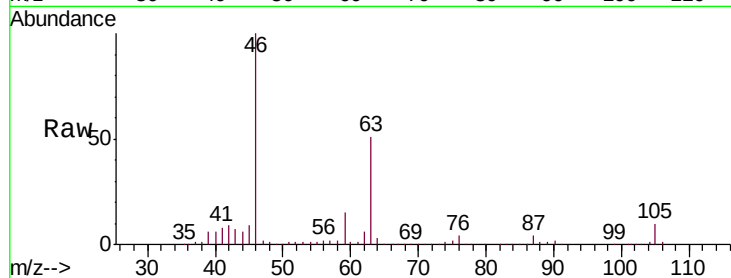
Acq: 13 Jun 2019 05:31

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02



Tgt Ion: 43 Resp: 13806

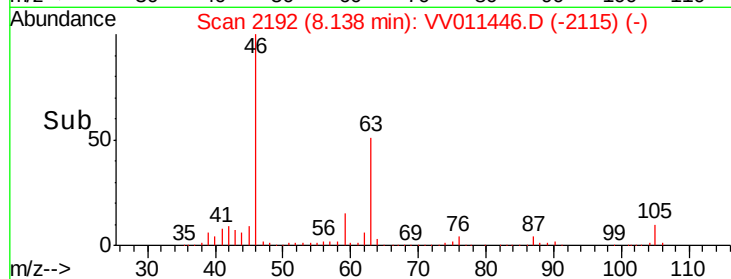
Ion Ratio Lower Upper

43 100

58 26.1 41.4 62.0#

57 24.8 15.0 22.4#

100 0.4 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

