

Data File : VV011315.D
Acq On : 08 Jun 2019 05:19
Operator : SY/MD
Sample : K3228-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P61

Quant Time: Jun 08 05:47:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 05:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157311	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143707	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58809	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40770	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.58	69	34011	3.43	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.60%
11) 1,1-Dichloroethene-d2	2.12	63	66491	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	3.97	46	128228	47.78	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.56%
24) Chloroform-d	4.40	84	87573	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.08	65	50194	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.09	84	174031	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.12	67	55164	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.36	98	150635	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	7.66	79	14786	2.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.60%
46) 2-Hexanone-d5	8.14	63	101120	47.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38274	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	51389	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

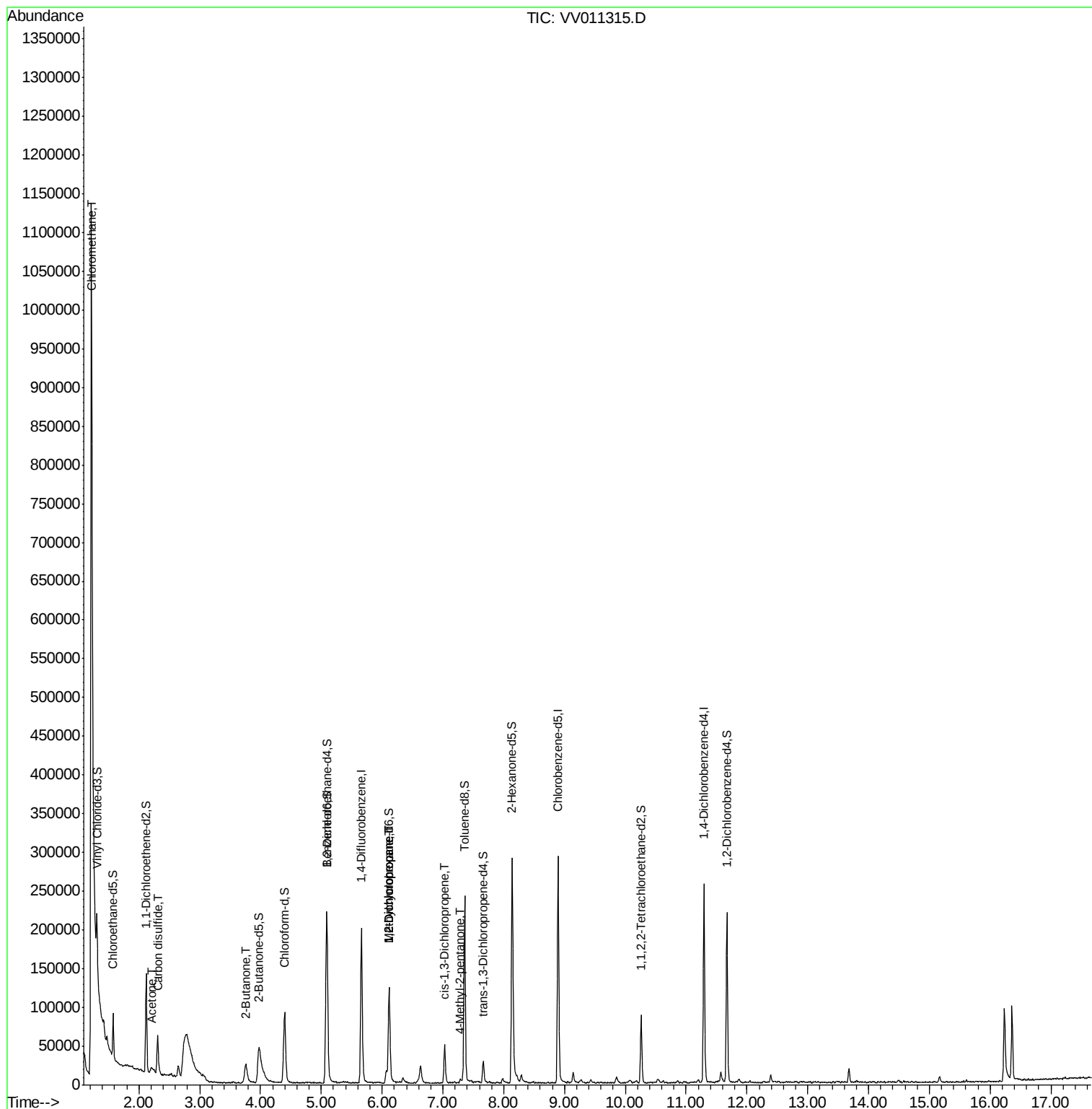
					Qvalue	
3) Chloromethane	1.22	50	46658	3.110	ug/L #	44
13) Acetone	2.23	43	4830	2.684	ug/L	74
14) Carbon disulfide	2.31	76	64374	2.141	ug/L	99
21) 2-Butanone	3.76	43	9375	3.383	ug/L #	16
35) Methylcyclohexane	6.12	83	13211	0.676	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7241	0.636	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1517	0.091	ug/L #	60
40) 4-Methyl-2-pentanone	7.28	43	4899	0.676	ug/L #	85

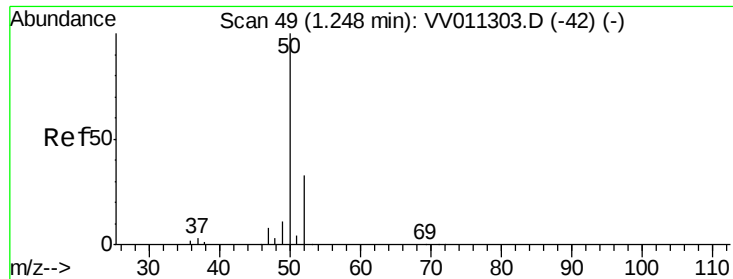
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011315.D
Acq On : 08 Jun 2019 05:19
Operator : SY/MD
Sample : K3228-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P61

Quant Time: Jun 08 05:47:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 05:28:44 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 3.110 ug/L

RT: 1.22 min Scan# 40

Delta R.T. -0.03 min

Lab File: VV011315.D

Acq: 08 Jun 2019 05:19

Instrument :

MSVOA_V

ClientSampled :

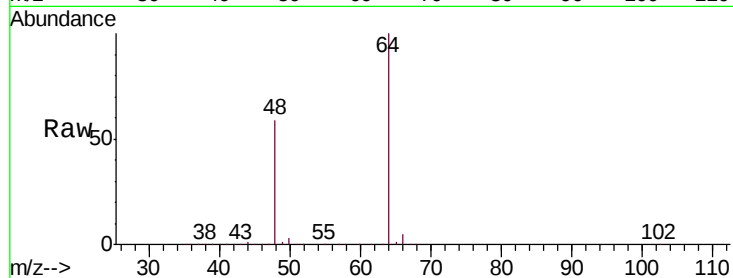
F9P61

Tgt Ion: 50 Resp: 46658

Ion Ratio Lower Upper

50 100

52 1.0 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

20000

15000

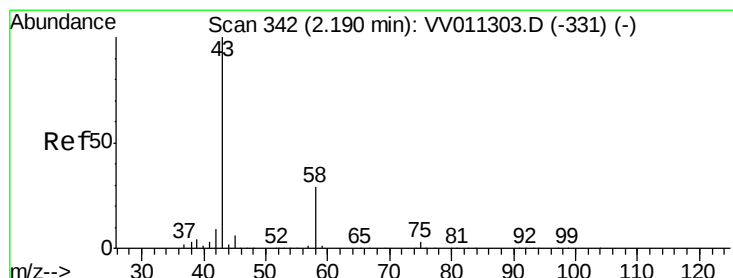
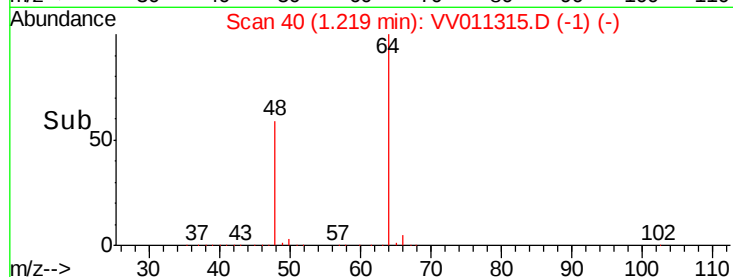
10000

5000

0

1.15 1.20 1.25 1.30

Time-->



#13

Acetone

Concen: 2.684 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.04 min

Lab File: VV011315.D

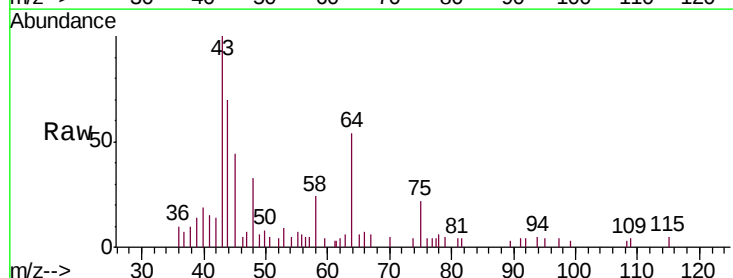
Acq: 08 Jun 2019 05:19

Tgt Ion: 43 Resp: 4830

Ion Ratio Lower Upper

43 100

58 14.2 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

4000

3000

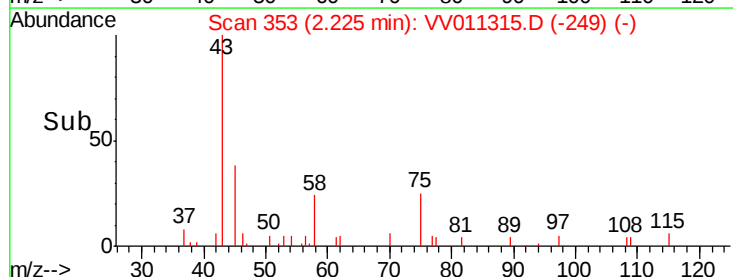
2000

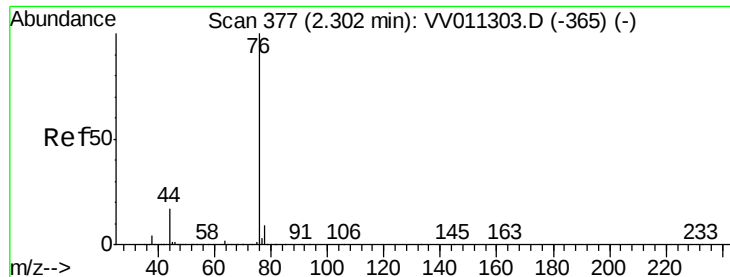
1000

0

2.16 2.18 2.20 2.22 2.24

Time-->





#14

Carbon disulfide

Concen: 2.141 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV011315.D

Acq: 08 Jun 2019 05:19

Instrument :

MSVOA_V

ClientSampleId :

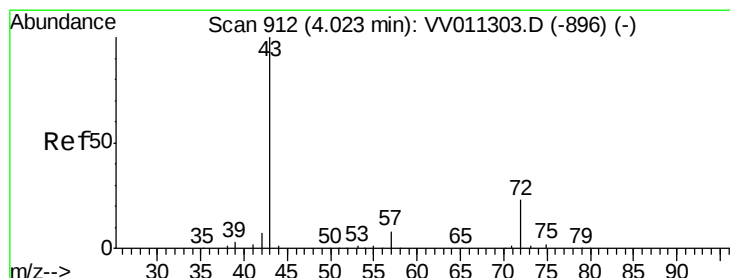
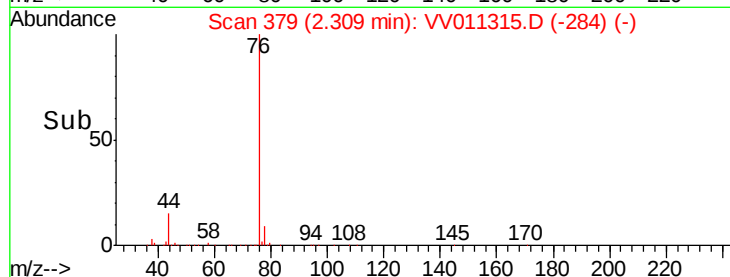
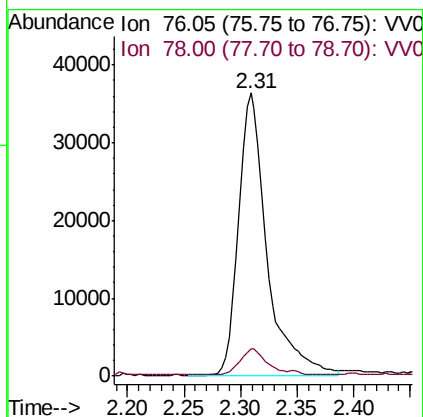
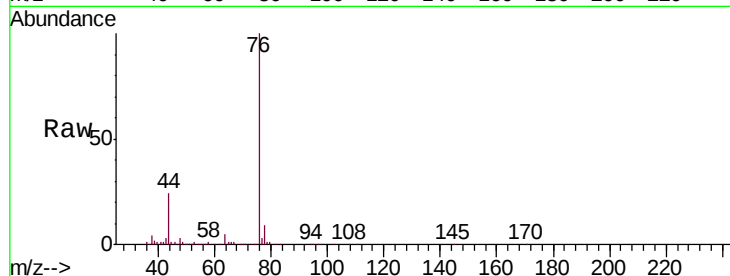
F9P61

Tgt Ion: 76 Resp: 64374

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



#21

2-Butanone

Concen: 3.383 ug/L

RT: 3.76 min Scan# 829

Delta R.T. -0.27 min

Lab File: VV011315.D

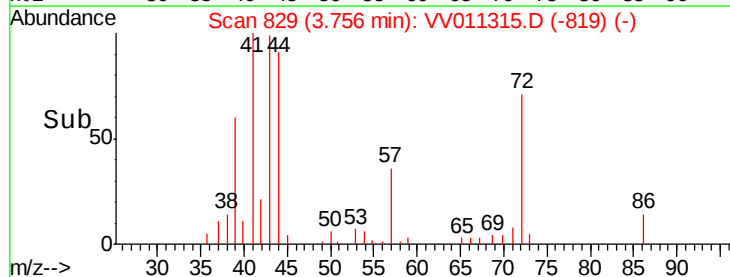
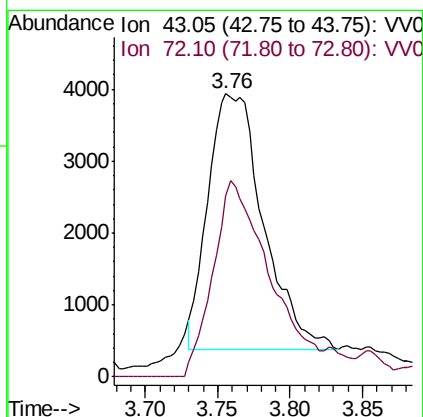
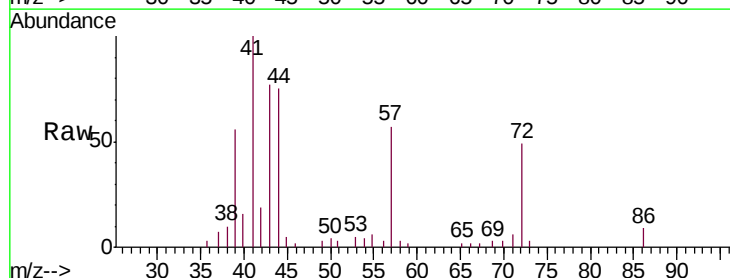
Acq: 08 Jun 2019 05:19

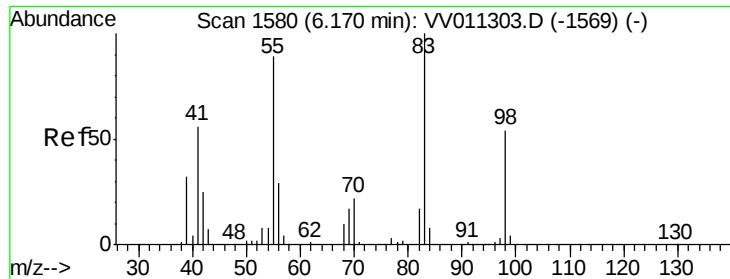
Tgt Ion: 43 Resp: 9375

Ion Ratio Lower Upper

43 100

72 67.9 12.7 38.1#





#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011315.D

Acq: 08 Jun 2019 05:19

Instrument :

MSVOA_V

ClientSampleId :

F9P61

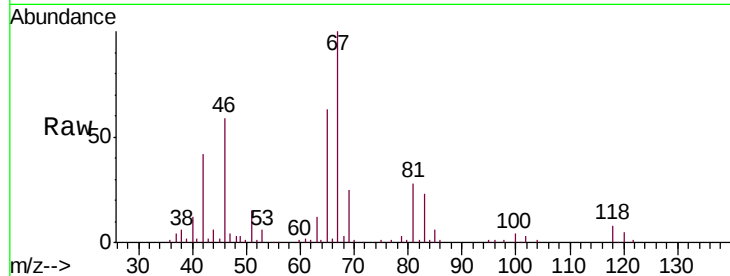
Tgt Ion: 83 Resp: 13211

Ion Ratio Lower Upper

83 100

55 1.1 67.0 100.6#

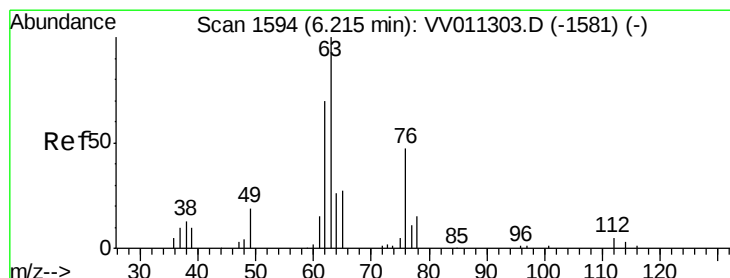
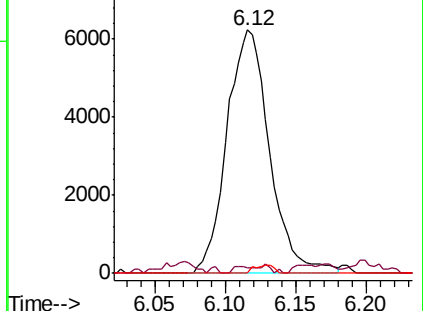
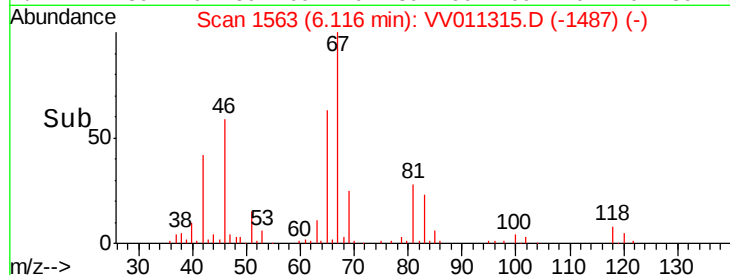
98 0.0 40.0 60.0#



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: 0.636 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV011315.D

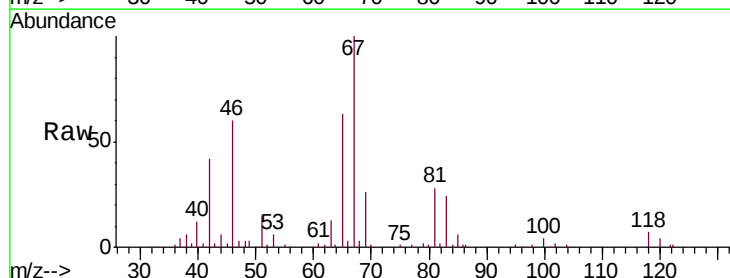
Acq: 08 Jun 2019 05:19

Tgt Ion: 63 Resp: 7241

Ion Ratio Lower Upper

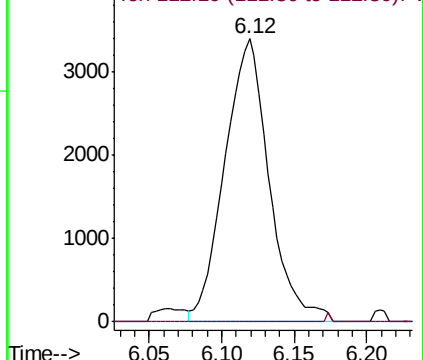
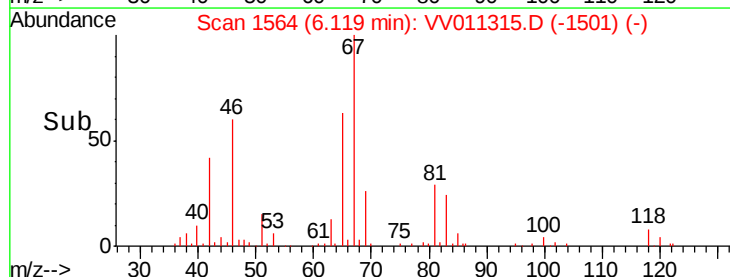
63 100

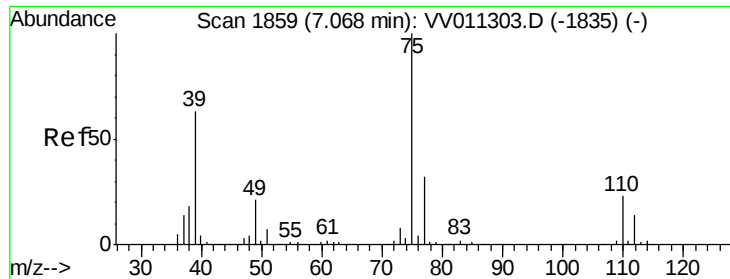
112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

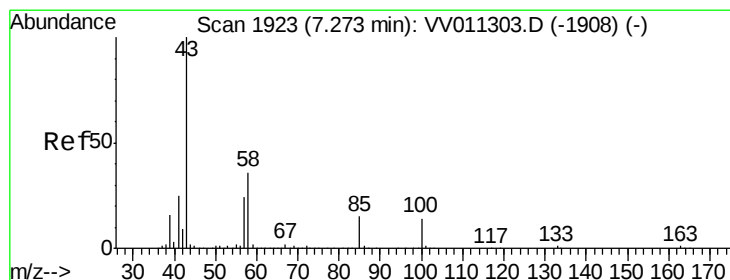
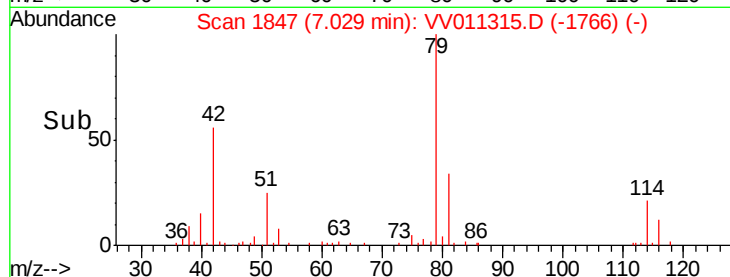
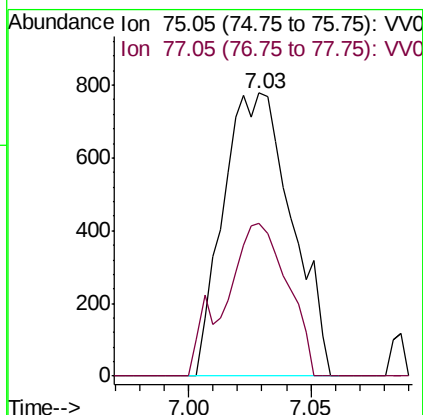
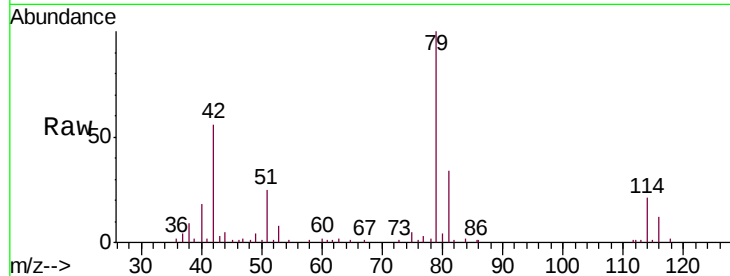




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011315.D
 Acq: 08 Jun 2019 05:19

Instrument :
 MSVOA_V
 ClientSampled :
 F9P61

Tgt Ion: 75 Resp: 1517
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.2 41.2#



#40
 4-Methyl-2-pentanone
 Concen: 0.676 ug/L
 RT: 7.28 min Scan# 1926
 Delta R.T. 0.01 min
 Lab File: VV011315.D
 Acq: 08 Jun 2019 05:19

Tgt Ion: 43 Resp: 4899
 Ion Ratio Lower Upper
 43 100
 58 31.3 29.3 43.9
 100 0.0 10.6 16.0#

