

Data File : VV009459.D
Acq On : 01 Mar 2019 16:41
Operator : SY/MD
Sample : K1624-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 02 00:11:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86822	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40538	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21502	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	19853	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	42304	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.97	46	48023	55.84	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.68%
24) Chloroform-d	4.40	84	43601	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.09	65	23531	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.10	84	90870	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	27581	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	90222	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.67	79	10694	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.14	63	42964	54.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20864	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	32690	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

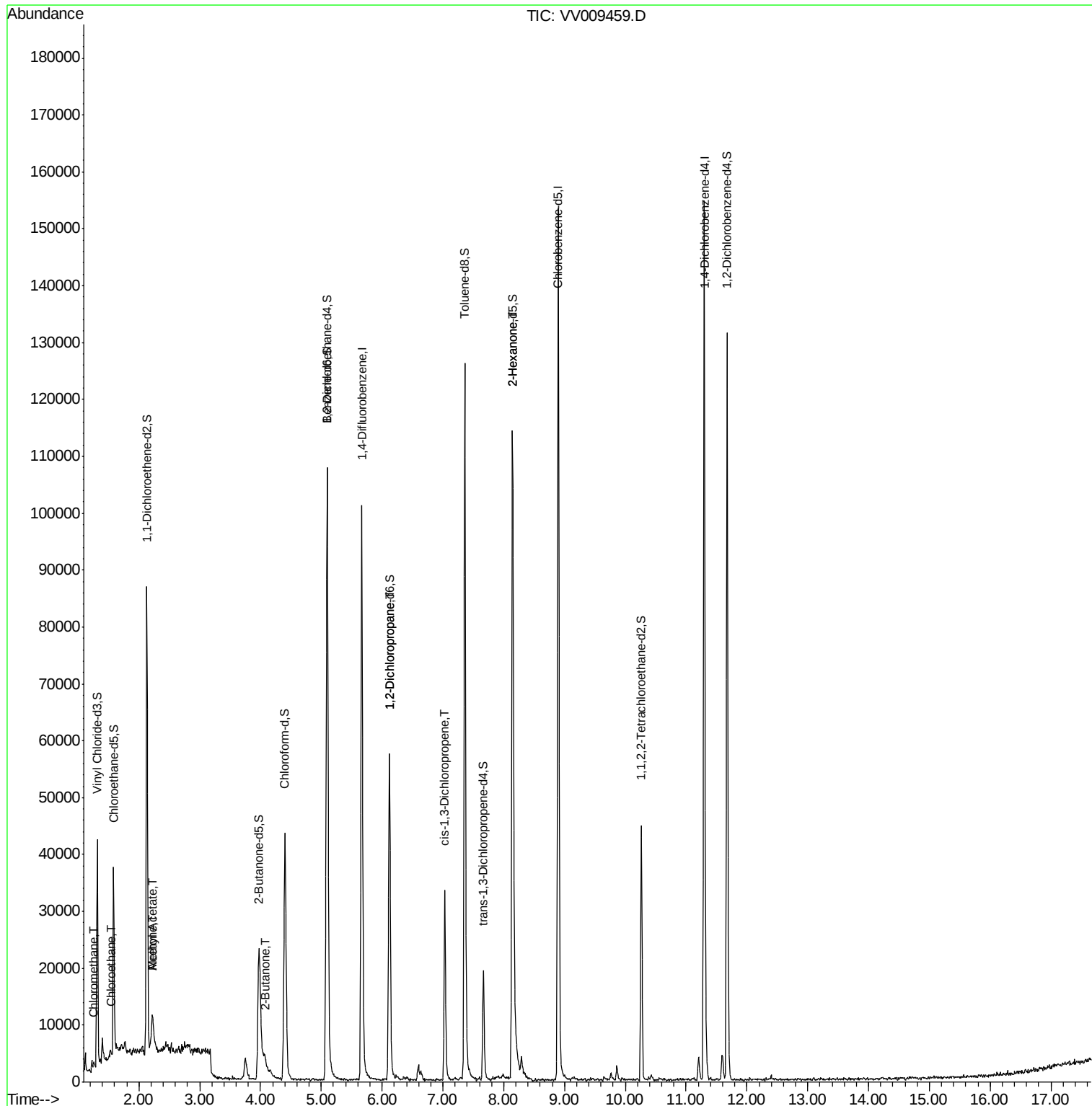
Target Compounds

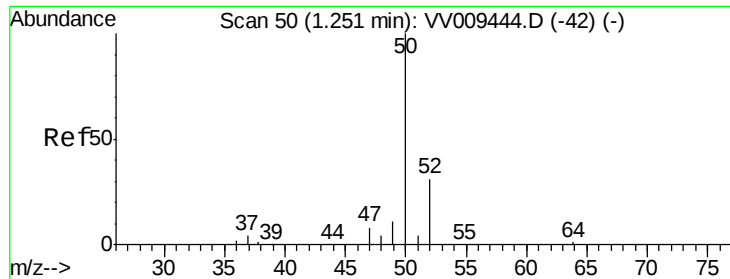
					Qvalue
3) Chloromethane	1.25	50	463	0.082 ug/L	100
8) Chloroethane	1.55	64	1435	0.348 ug/L #	44
13) Acetone	2.23	43	11248	13.768 ug/L	97
15) Methyl Acetate	2.23	43	11248	5.273 ug/L #	50
21) 2-Butanone	4.07	43	1557	1.505 ug/L	99
37) 1,2-Dichloropropane	6.12	63	3384	0.624 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1045	0.122 ug/L #	78
48) 2-Hexanone	8.14	43	5417	2.782 ug/L #	86

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

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#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV009459.D

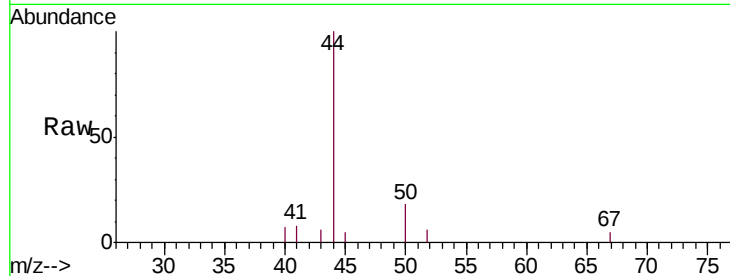
Acq: 01 Mar 2019 16:41

Tgt Ion: 50 Resp: 463

Ion Ratio Lower Upper

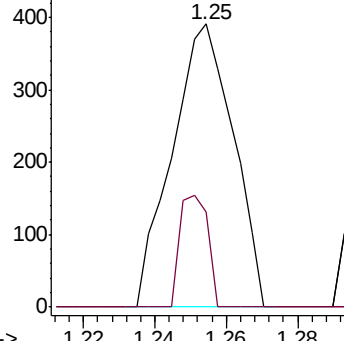
50 100

52 33.5 23.5 43.7

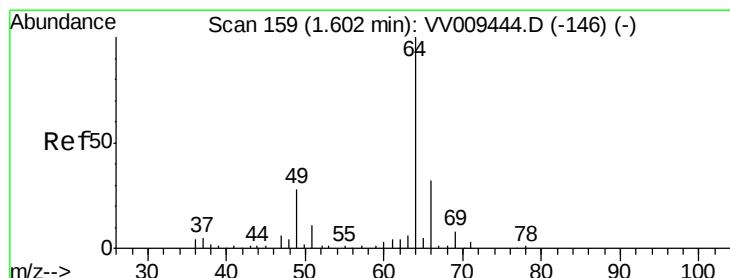
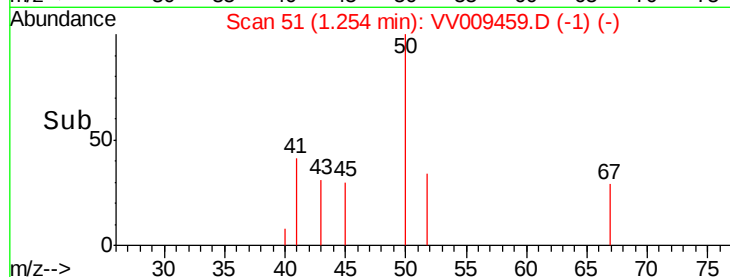


Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



Time-->



#8

Chloroethane

Concen: 0.348 ug/L

RT: 1.55 min Scan# 143

Delta R.T. -0.05 min

Lab File: VV009459.D

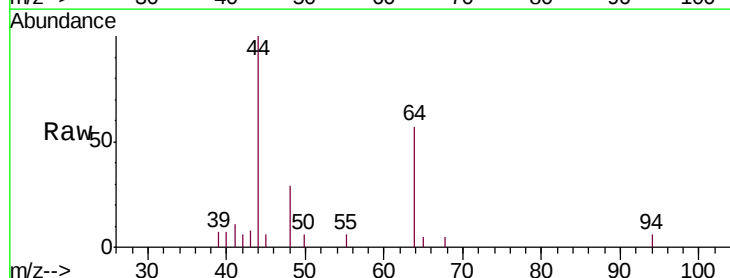
Acq: 01 Mar 2019 16:41

Tgt Ion: 64 Resp: 1435

Ion Ratio Lower Upper

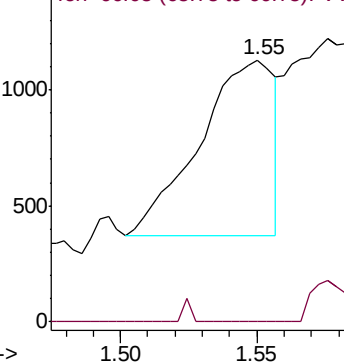
64 100

66 0.0 21.3 39.5#

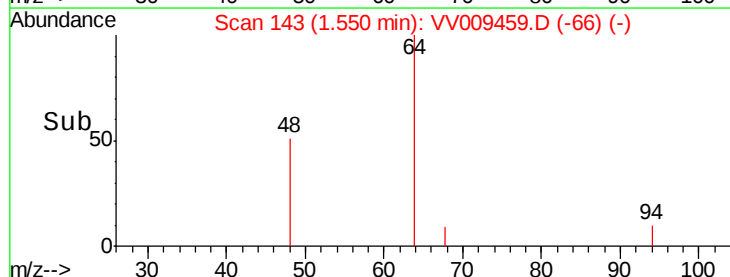


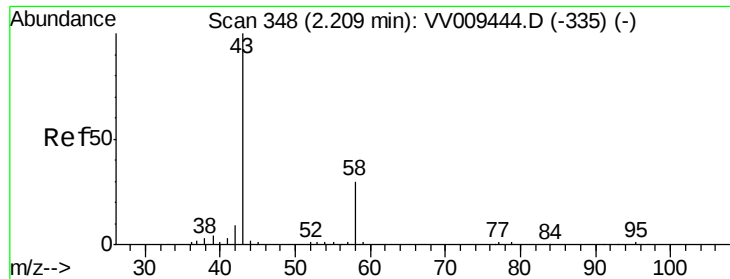
Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



Time-->





#13

Acetone

Concen: 13.768 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.02 min

Lab File: VV009459.D

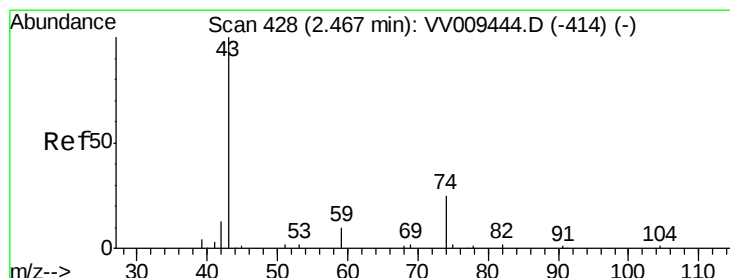
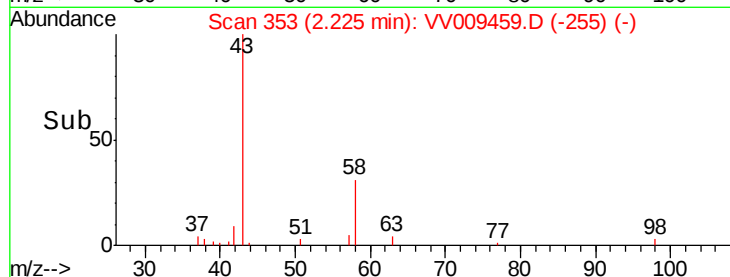
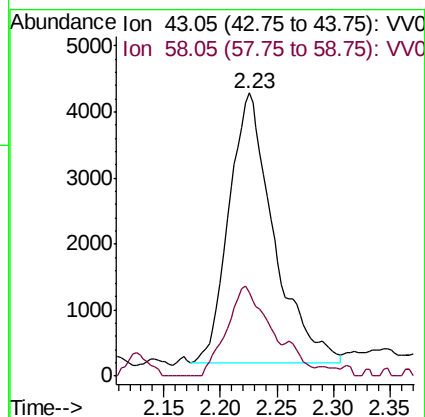
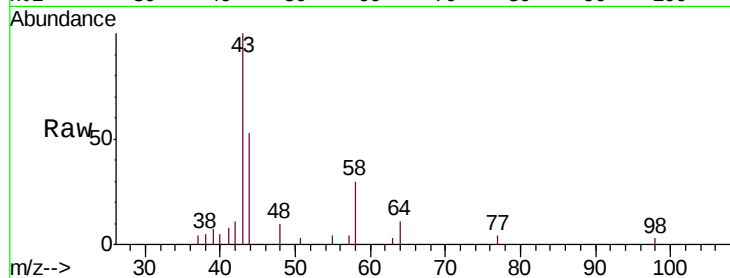
Acq: 01 Mar 2019 16:41

Tgt Ion: 43 Resp: 11248

Ion Ratio Lower Upper

43 100

58 29.6 0.0 62.0



#15

Methyl Acetate

Concen: 5.273 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.24 min

Lab File: VV009459.D

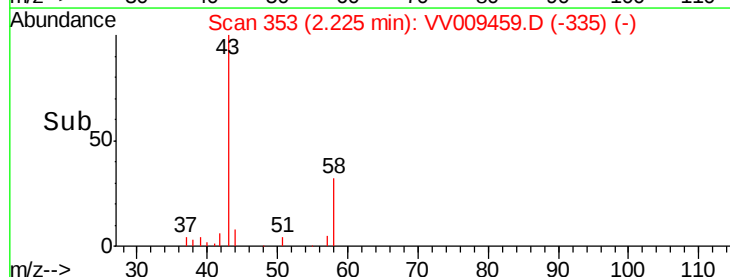
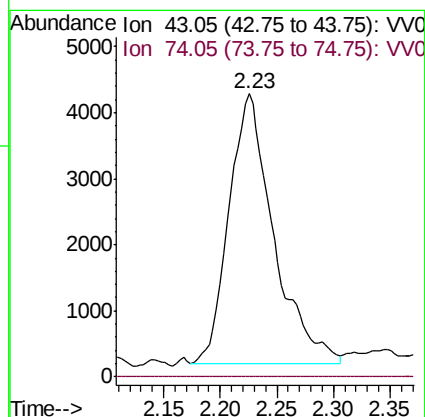
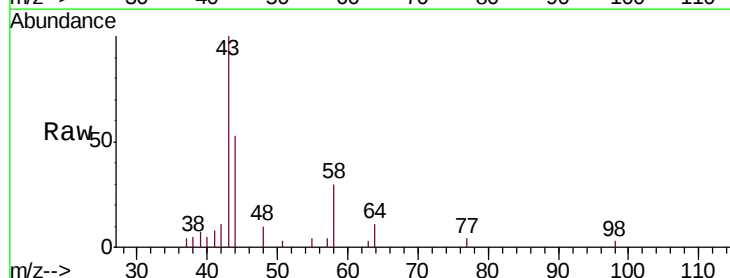
Acq: 01 Mar 2019 16:41

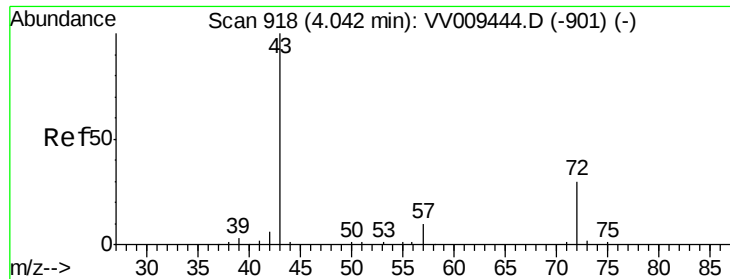
Tgt Ion: 43 Resp: 11248

Ion Ratio Lower Upper

43 100

74 0.4 20.6 30.8#





#21

2-Butanone

Concen: 1.505 ug/L

RT: 4.07 min Scan# 928

Delta R.T. 0.03 min

Lab File: VV009459.D

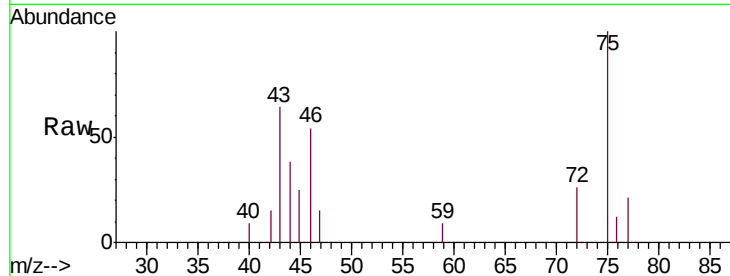
Acq: 01 Mar 2019 16:41

Tgt Ion: 43 Resp: 1557

Ion Ratio Lower Upper

43 100

72 31.3 15.4 46.1



Abundance Ion 43.05 (42.75 to 43.75): VV009444.D (-901) (-)

Ion 72.10 (71.80 to 72.80): VV009444.D (-901) (-)

4.07

800

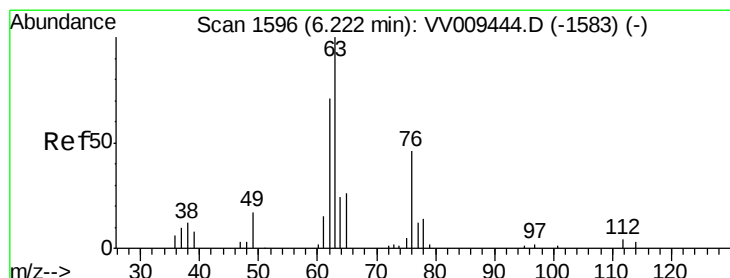
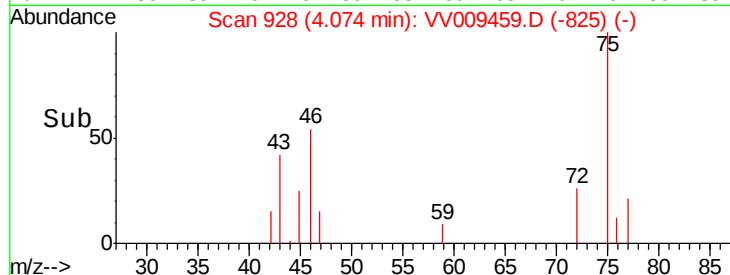
600

400

200

0

Time-->



#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV009459.D

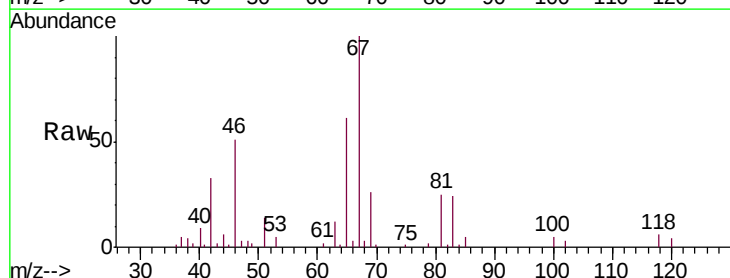
Acq: 01 Mar 2019 16:41

Tgt Ion: 63 Resp: 3384

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV009444.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV009444.D (-1583) (-)

6.12

2000

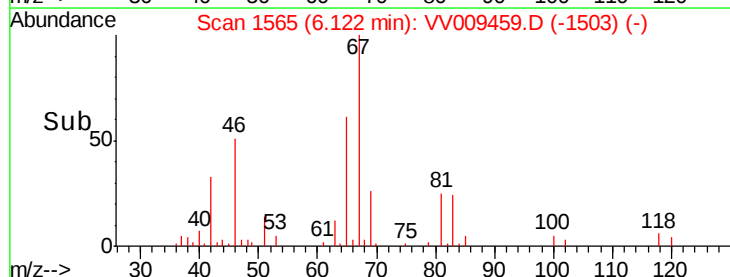
1500

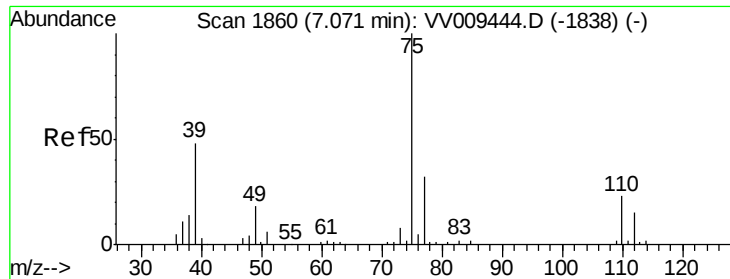
1000

500

0

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV009459.D

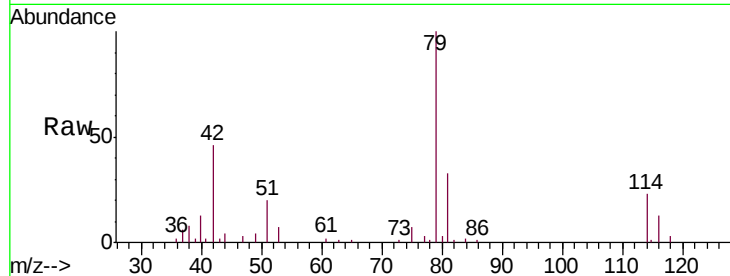
Acq: 01 Mar 2019 16:41

Tgt Ion: 75 Resp: 1045

Ion Ratio Lower Upper

75 100

77 41.9 21.1 39.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

800

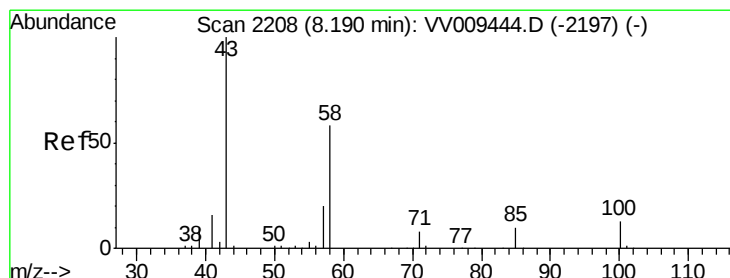
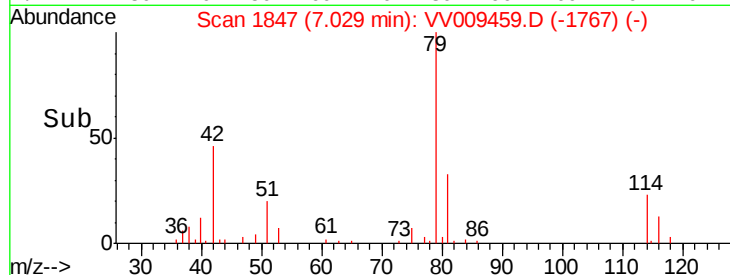
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 2.782 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV009459.D

Acq: 01 Mar 2019 16:41

Tgt Ion: 43 Resp: 5417

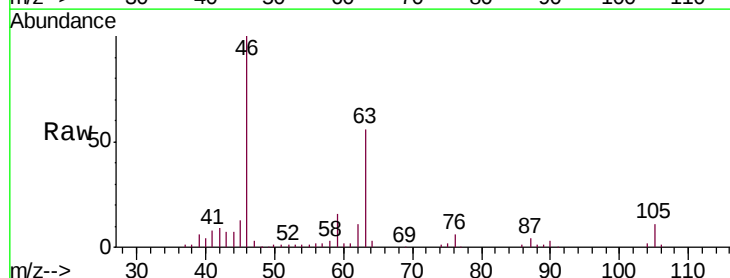
Ion Ratio Lower Upper

43 100

58 49.5 45.2 67.8

57 27.2 16.0 24.0#

100 0.0 10.2 15.4#



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

4000

3000

2000

1000

0

Time-->

