

Data File : VU032118.D
Acq On : 17 May 2019 22:22
Operator : JC/SP
Sample : K2850-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 18 04:15:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	361130	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150840	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121410	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.68	69	112031	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.27	63	173099	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.20	46	308080	51.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	4.64	84	248656	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.31	65	131843	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.33	84	502978	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.33	67	145025	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.56	98	400229	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.85	79	49088	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.31	63	266226	49.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135779	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	154248	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

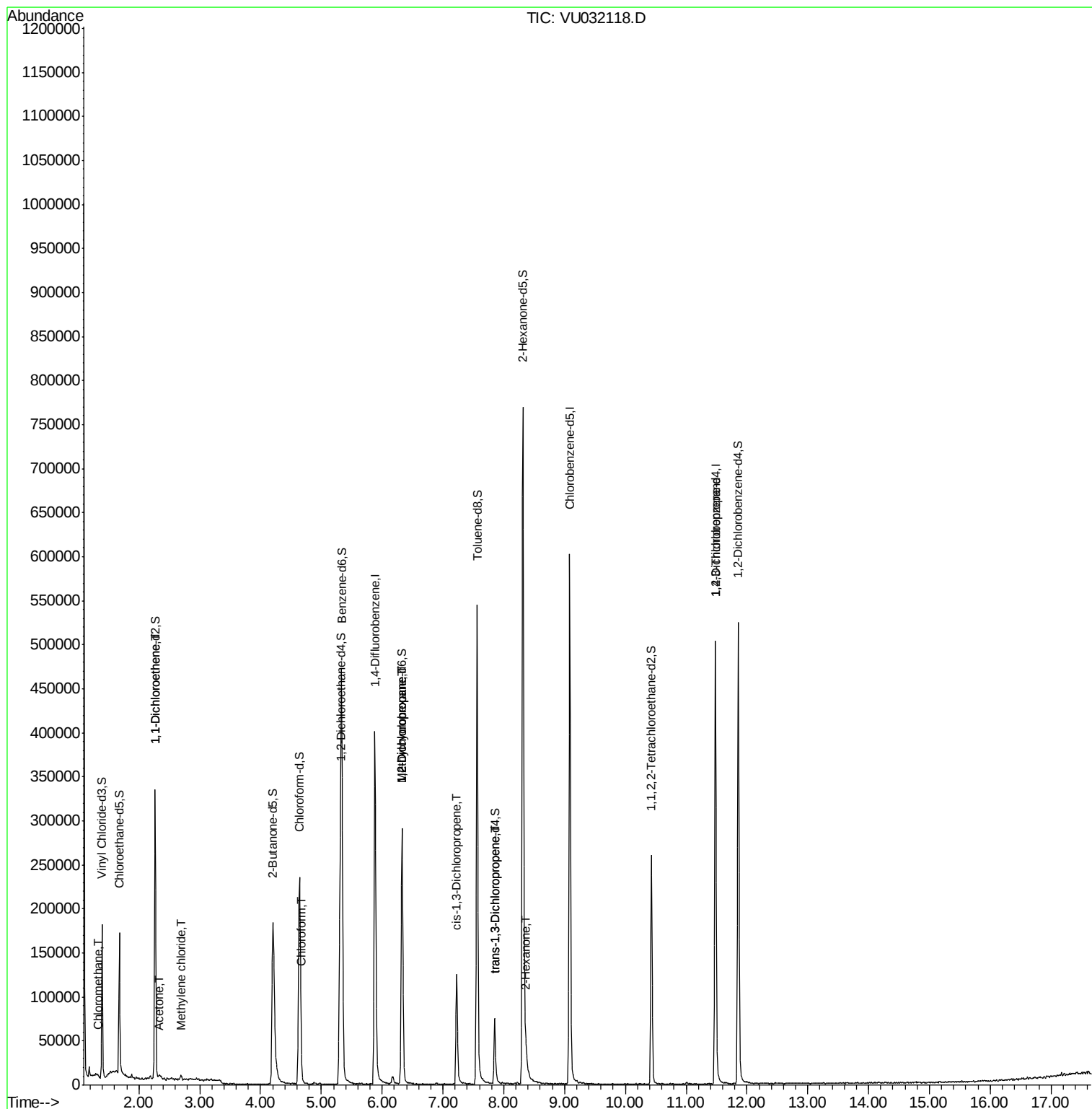
					Qvalue
3) Chloromethane	1.32	50	2388	0.138 ug/L	99
12) 1,1-Dichloroethene	2.27	96	1610	0.111 ug/L #	1
13) Acetone	2.34	43	2160	1.102 ug/L	60
16) Methylene chloride	2.69	84	2300	0.133 ug/L	81
25) Chloroform	4.68	83	5678	0.216 ug/L	90
35) Methylcyclohexane	6.33	83	38512	1.726 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	16398	1.174 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3213	0.166 ug/L #	31
44) trans-1,3-Dichloropropene	7.85	75	1826	0.122 ug/L #	55
48) 2-Hexanone	8.37	43	13453	2.679 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	15618	1.761 ug/L	96

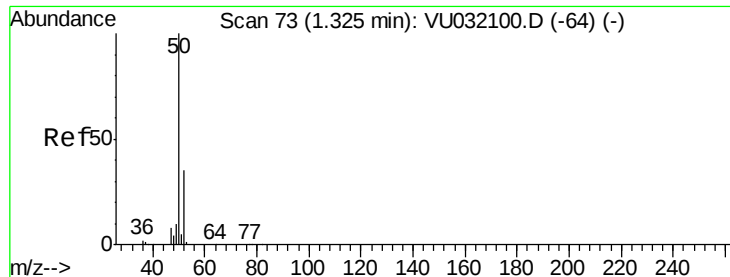
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.138 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032118.D

Acq: 17 May 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

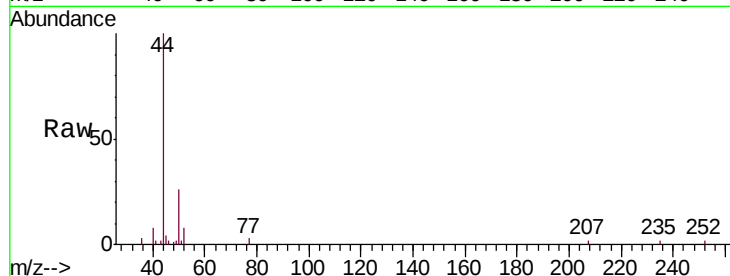
VHBLK01

Tgt Ion: 50 Resp: 2388

Ion Ratio Lower Upper

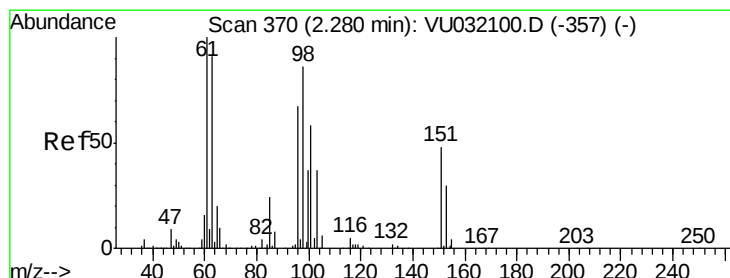
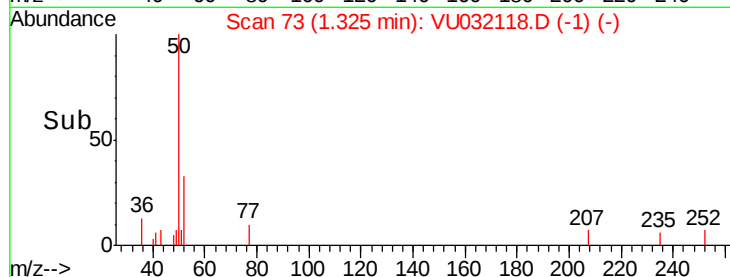
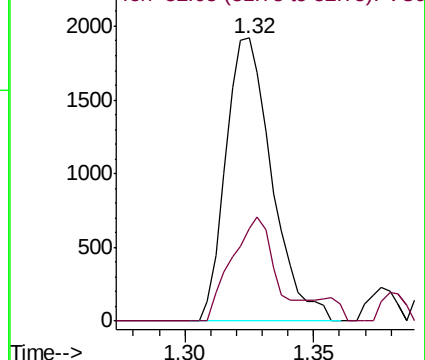
50 100

52 32.6 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032118.D

Acq: 17 May 2019 22:22

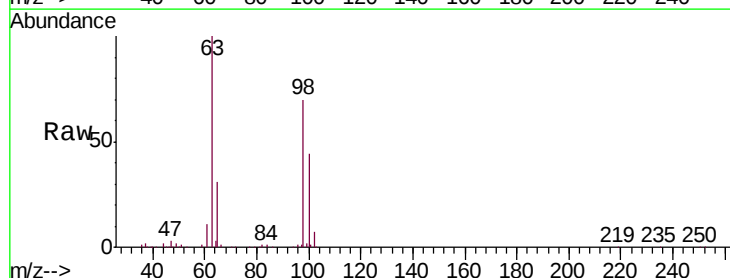
Tgt Ion: 96 Resp: 1610

Ion Ratio Lower Upper

96 100

61 1106.0 111.7 207.5#

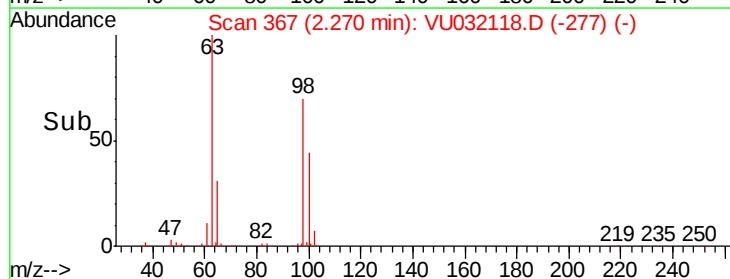
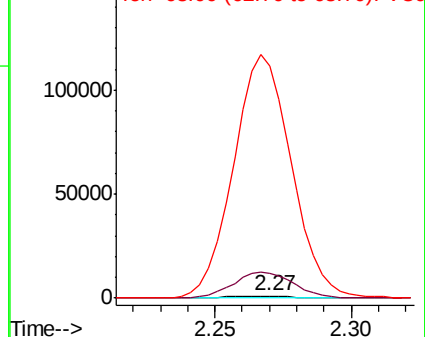
63 10303.2 152.2 282.6#

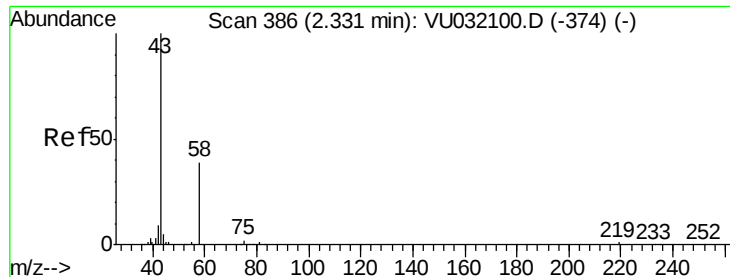


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.102 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU032118.D

Acq: 17 May 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

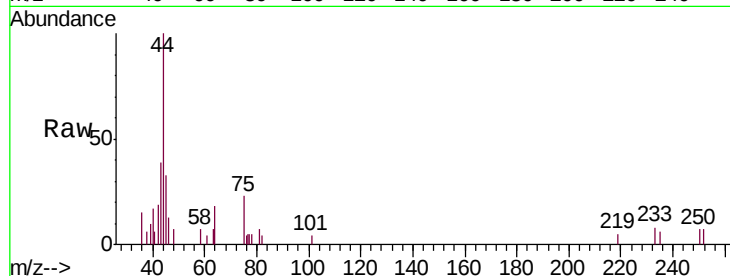
VHBLK01

Tgt Ion: 43 Resp: 2160

Ion Ratio Lower Upper

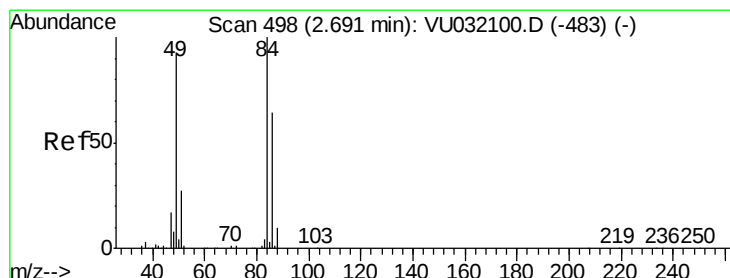
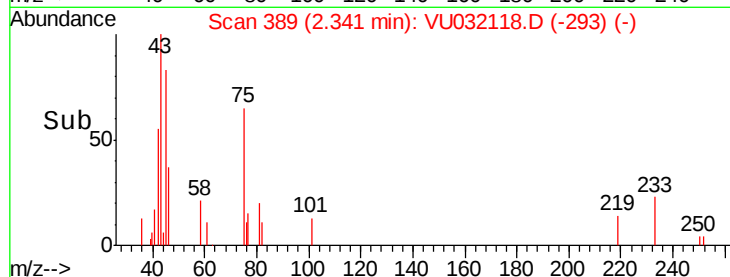
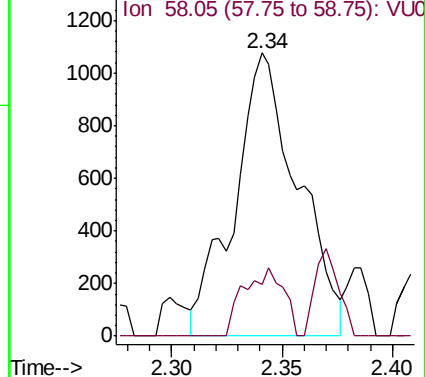
43 100

58 15.1 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032118.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU032118.D (-293) (-)



#16

Methylene chloride

Concen: 0.133 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU032118.D

Acq: 17 May 2019 22:22

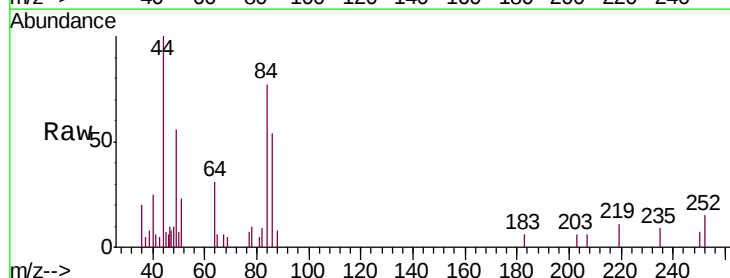
Tgt Ion: 84 Resp: 2300

Ion Ratio Lower Upper

84 100

86 70.1 43.1 80.1

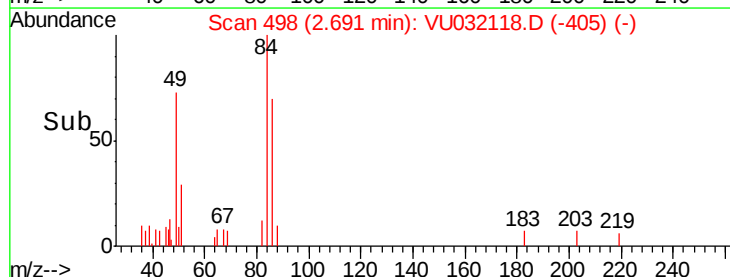
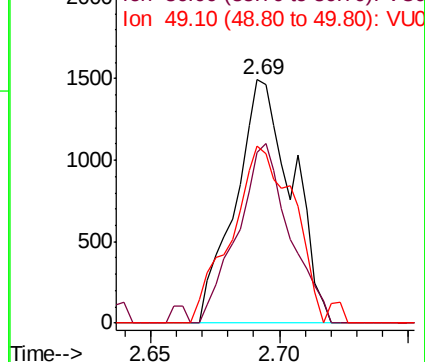
49 73.0 67.7 125.7

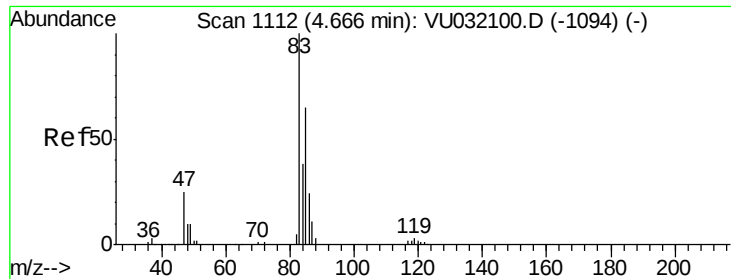


Abundance Ion 84.05 (83.75 to 84.75): VU032118.D (-405) (-)

Ion 86.00 (85.70 to 86.70): VU032118.D (-405) (-)

Ion 49.10 (48.80 to 49.80): VU032118.D (-405) (-)





#25

Chloroform

Concen: 0.216 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VU032118.D

Acq: 17 May 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

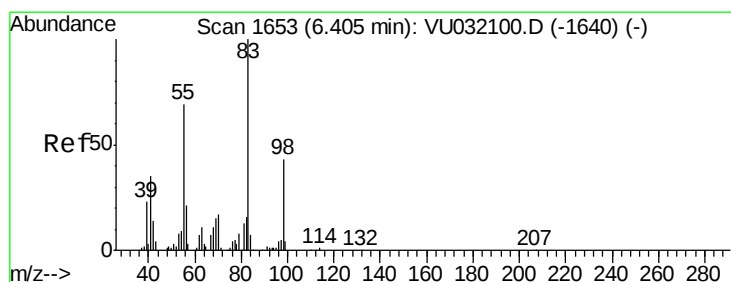
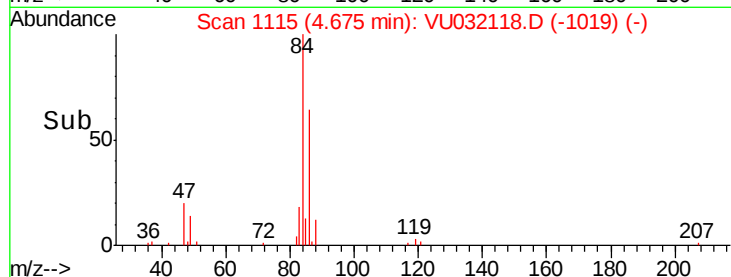
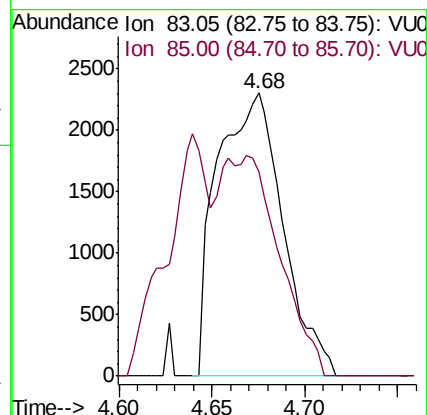
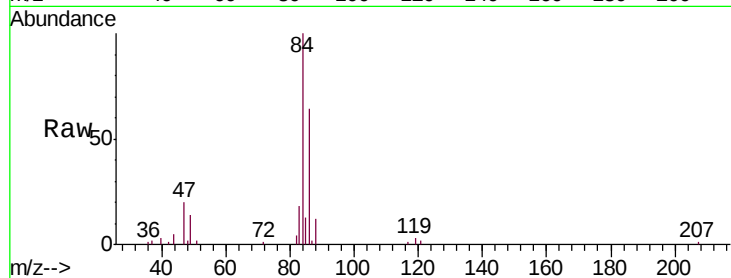
VHBLK01

Tgt Ion: 83 Resp: 5678

Ion Ratio Lower Upper

83 100

85 72.1 44.9 83.3



#35

Methylcyclohexane

Concen: 1.726 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032118.D

Acq: 17 May 2019 22:22

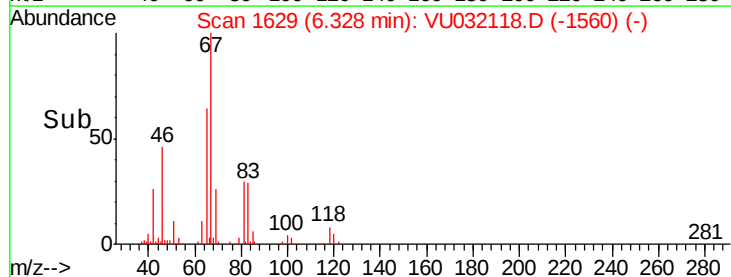
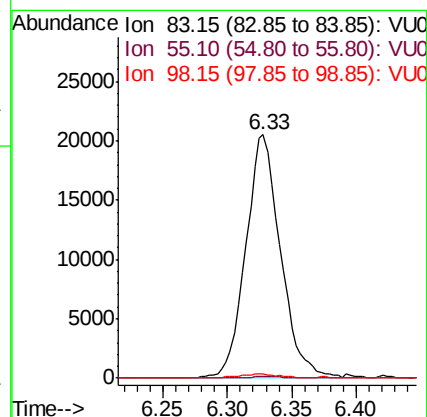
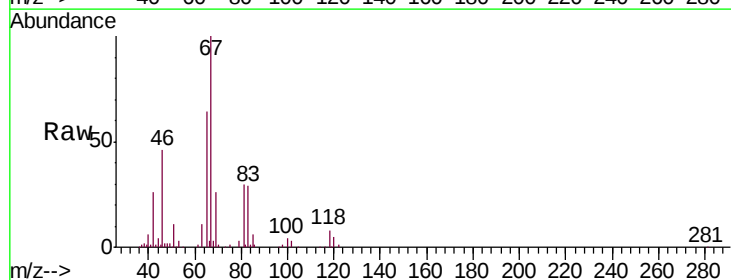
Tgt Ion: 83 Resp: 38512

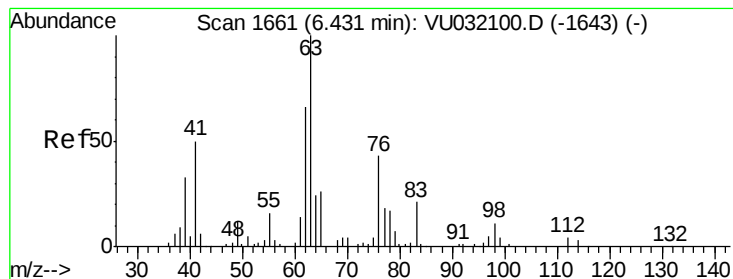
Ion Ratio Lower Upper

83 100

55 0.4 59.7 89.5#

98 1.9 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 1.174 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU032118.D

Acq: 17 May 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

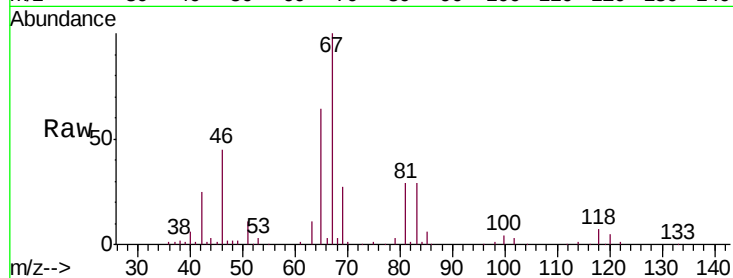
VHBLK01

Tgt Ion: 63 Resp: 16398

Ion Ratio Lower Upper

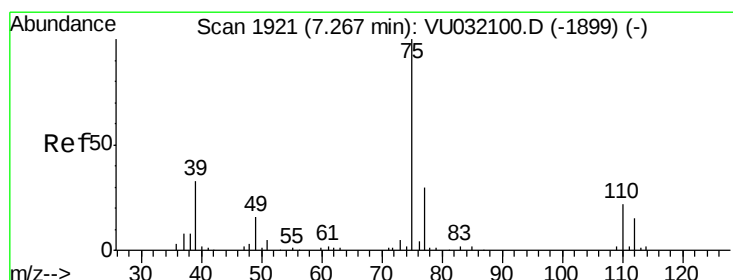
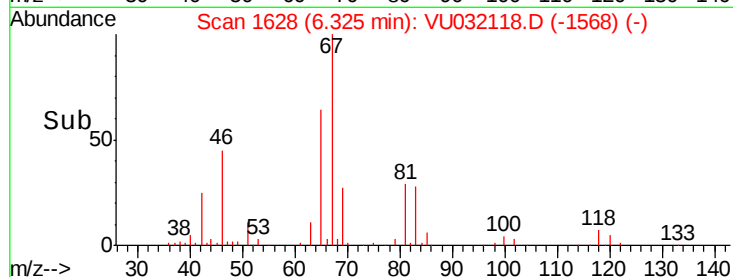
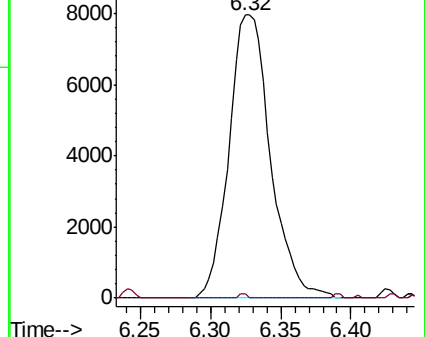
63 100

112 0.3 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU032118.D (-1643) (-)

Ion 112.10 (111.80 to 112.80): VU032118.D (-1643) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.166 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.05 min

Lab File: VU032118.D

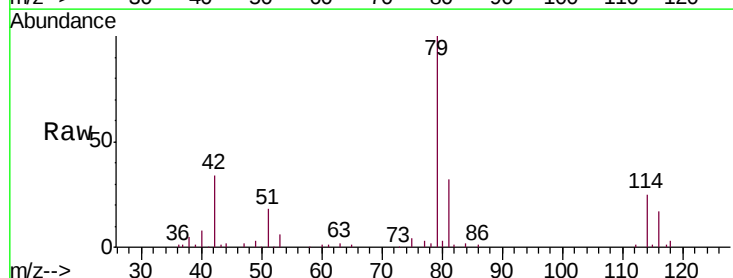
Acq: 17 May 2019 22:22

Tgt Ion: 75 Resp: 3213

Ion Ratio Lower Upper

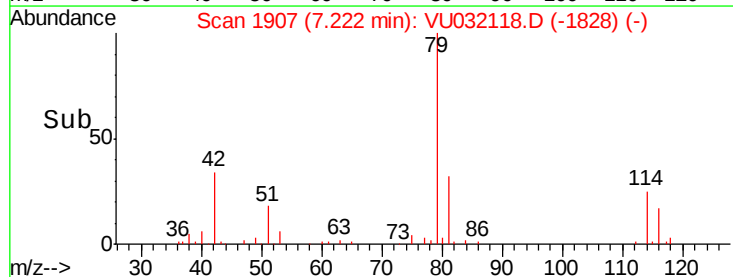
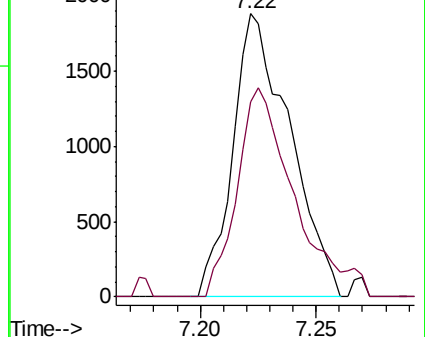
75 100

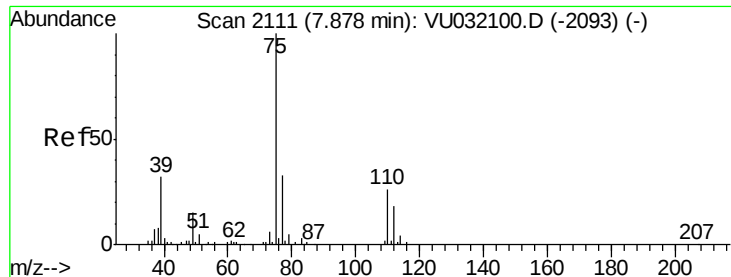
77 69.1 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU032118.D (-1828) (-)

Ion 77.05 (76.75 to 77.75): VU032118.D (-1828) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032118.D

Acq: 17 May 2019 22:22

Instrument :

MSVOA_U

ClientSampled :

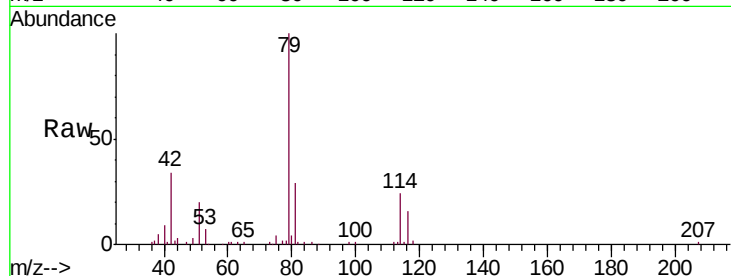
VHBLK01

Tgt Ion: 75 Resp: 1826

Ion Ratio Lower Upper

75 100

77 54.2 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.85

1000

800

600

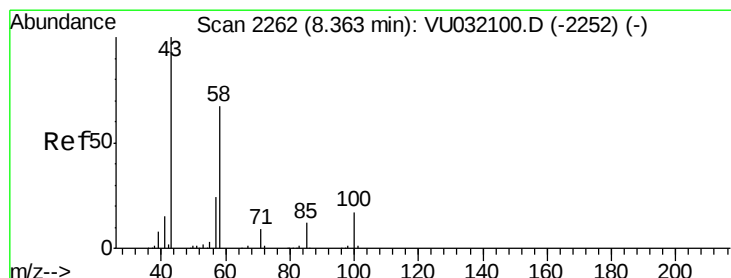
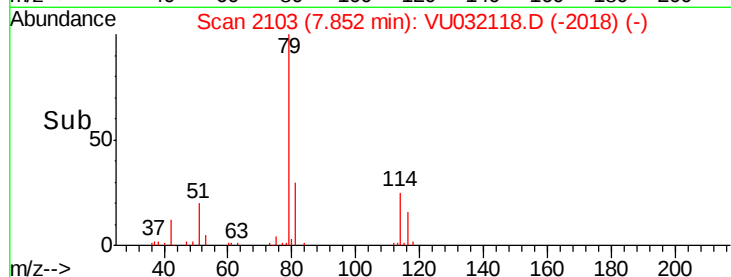
400

200

0

7.80 7.85 7.90

Time-->



#48

2-Hexanone

Concen: 2.679 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU032118.D

Acq: 17 May 2019 22:22

Tgt Ion: 43 Resp: 13453

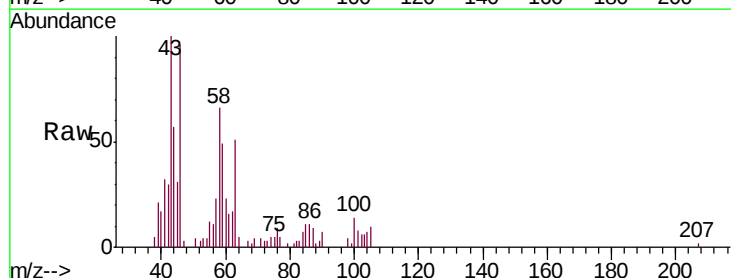
Ion Ratio Lower Upper

43 100

58 41.9 51.6 77.4#

57 0.0 18.4 27.6#

100 4.9 12.2 18.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

25000

20000

15000

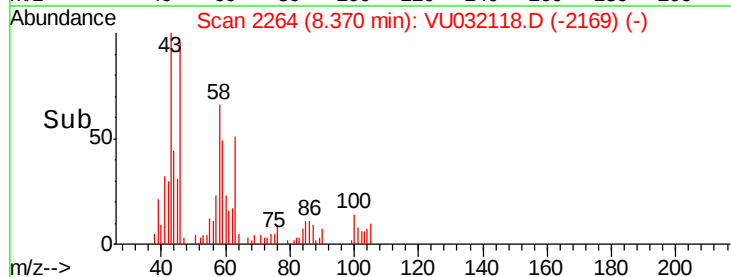
10000

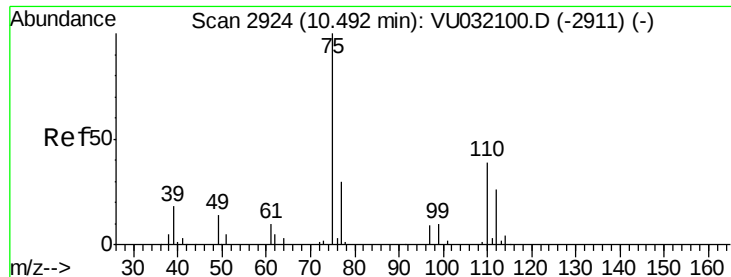
5000

0

8.35 8.37 8.40 8.45

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.761 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032118.D

Acq: 17 May 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 15618

Ion Ratio Lower Upper

75 100

77 35.1 26.2 39.2

