

Data File : VU029759.D
Acq On : 01 Mar 2019 13:20
Operator : JC/SP
Sample : K1660-13RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK13RE

Quant Time: Mar 01 22:16:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236249	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	228514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114357	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91157	5.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.20%
7) Chloroethane-d5	1.68	69	71926	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.27	63	127870	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.19	46	181320	51.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.96%
24) Chloroform-d	4.65	84	130516	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	72679	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.34	84	312123	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.33	67	94173	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.56	98	287666	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.85	79	33561	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.31	63	171718	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73817	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	114879	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

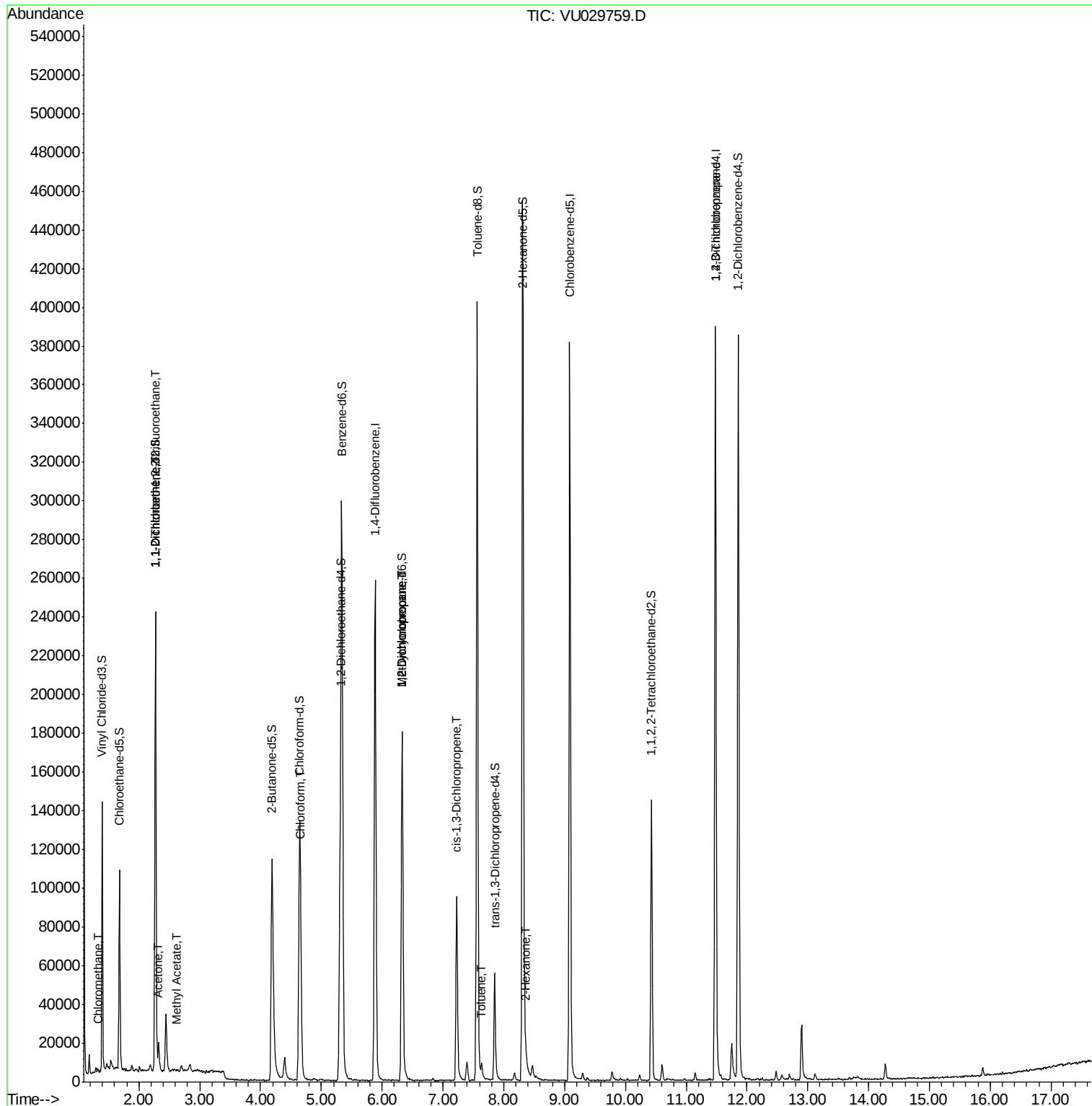
					Qvalue
3) Chloromethane	1.32	50	1311	0.082 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1261	0.068 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1087	0.062 ug/L #	1
13) Acetone	2.32	43	11601	4.629 ug/L	96
15) Methyl Acetate	2.62	43	983	0.134 ug/L #	72
25) Chloroform	4.67	83	14268	0.480 ug/L	97
35) Methylcyclohexane	6.33	83	21601	0.790 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9731	0.640 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2048	0.092 ug/L #	61
42) Toluene	7.64	91	6032	0.088 ug/L	95
48) 2-Hexanone	8.37	43	3233	0.517 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	11277	1.110 ug/L #	88

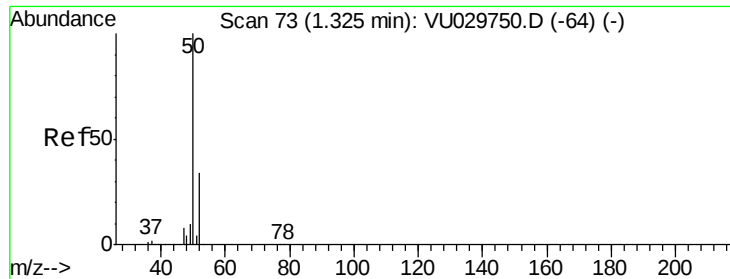
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU029759.D

Acq: 01 Mar 2019 13:20

Instrument :

MSVOA_U

ClientSampled :

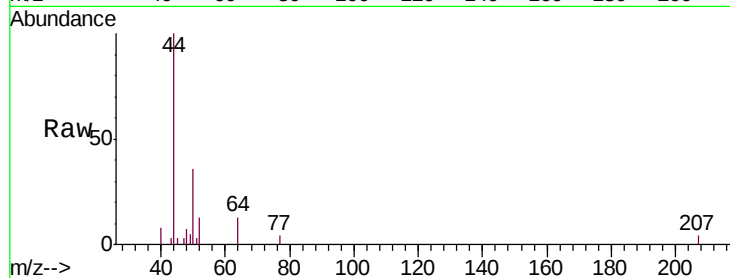
CWK13RE

Tgt Ion: 50 Resp: 1311

Ion Ratio Lower Upper

50 100

52 35.2 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VU029750.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU029750.D (-64) (-)

1.32

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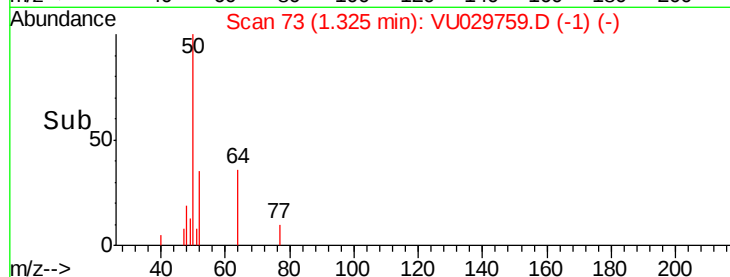
1.32

1.32

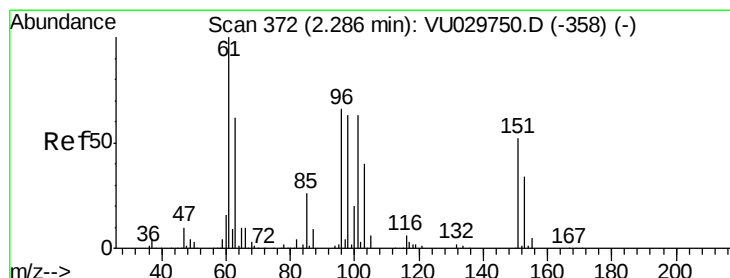
1.32

1.32

1.32



Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.068 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029759.D

Acq: 01 Mar 2019 13:20

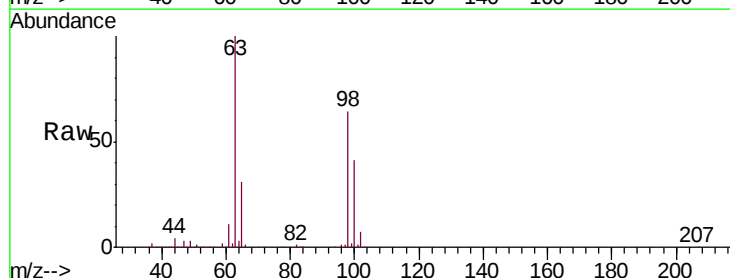
Tgt Ion: 101 Resp: 1261

Ion Ratio Lower Upper

101 100

85 3.3 32.8 49.2#

151 0.0 65.9 98.9#



Abundance Ion 101.00 (100.70 to 101.70): VU029750.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU029750.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU029750.D (-358) (-)

2.27

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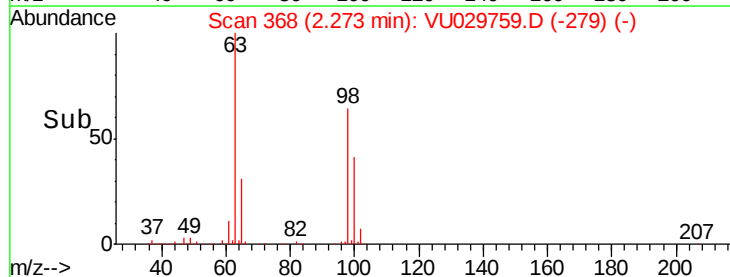
2.27

2.27

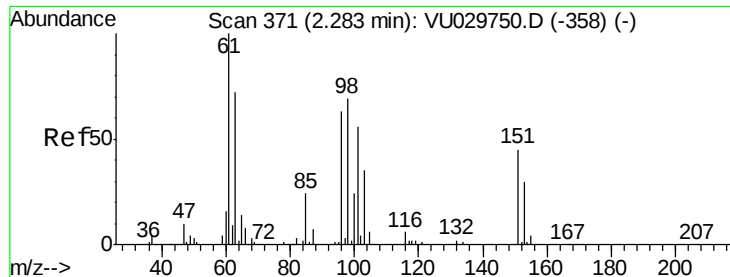
2.27

2.27

2.27



Time-->



#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029759.D

Acq: 01 Mar 2019 13:20

Instrument :

MSVOA_U

ClientSampleId :

CWK13RE

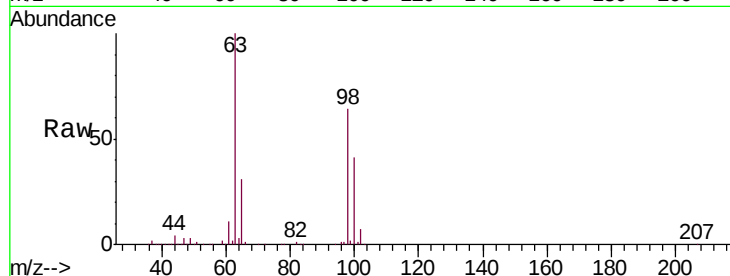
Tgt Ion: 96 Resp: 1087

Ion Ratio Lower Upper

96 100

61 1171.5 111.3 206.7#

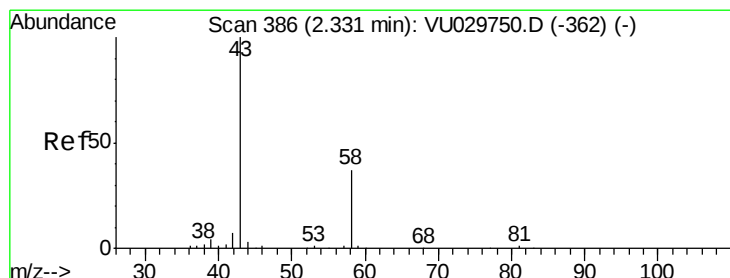
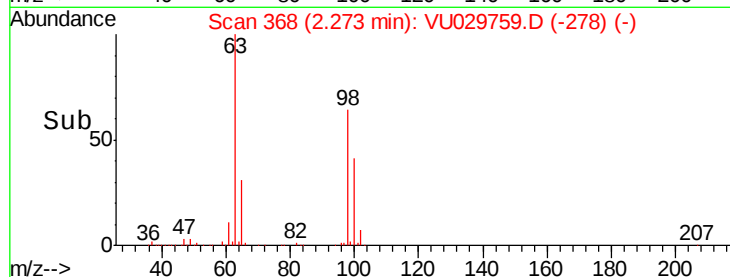
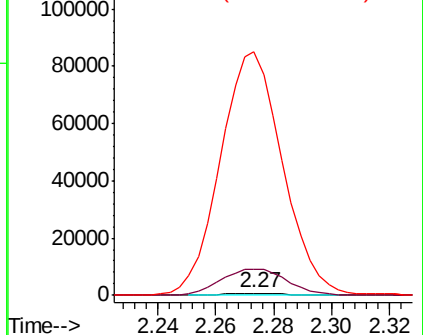
63 10710.3 88.5 164.3#



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: 4.629 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU029759.D

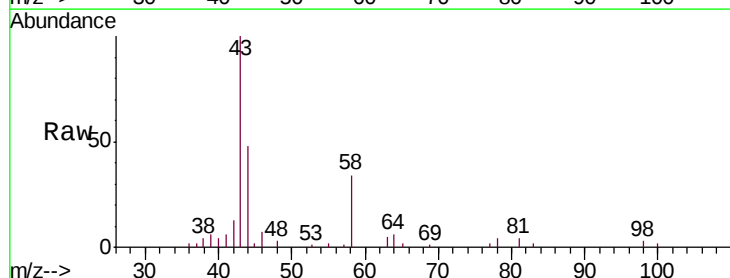
Acq: 01 Mar 2019 13:20

Tgt Ion: 43 Resp: 11601

Ion Ratio Lower Upper

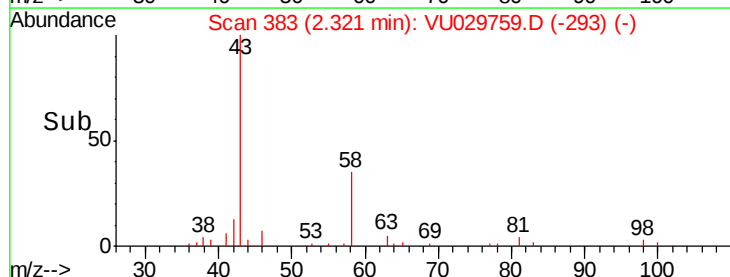
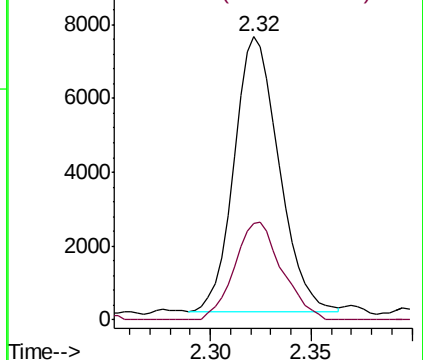
43 100

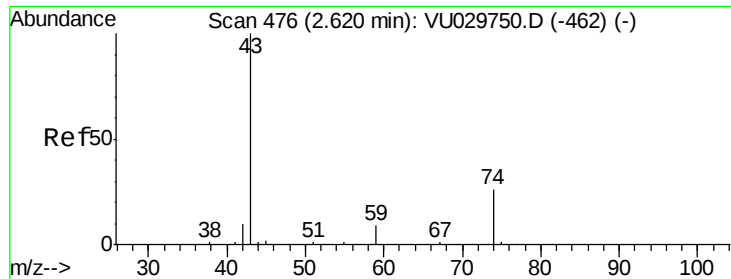
58 37.6 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

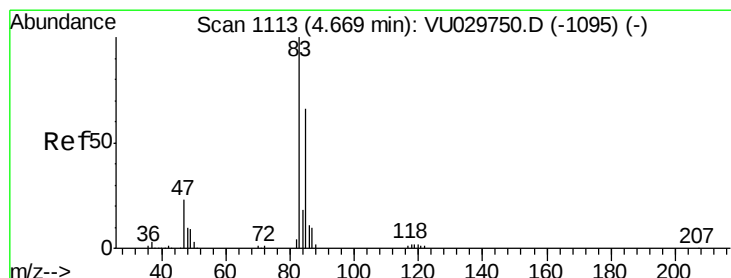
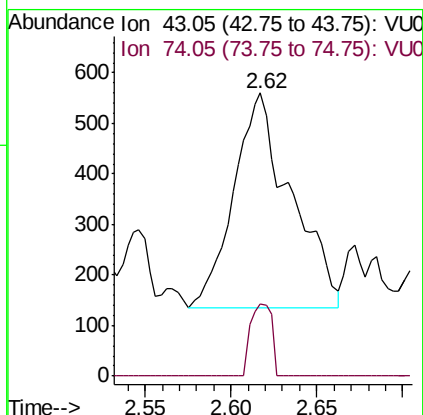
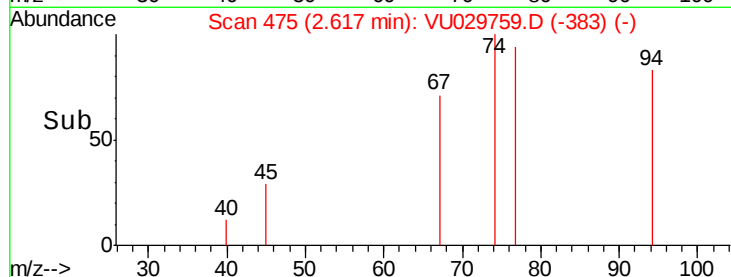
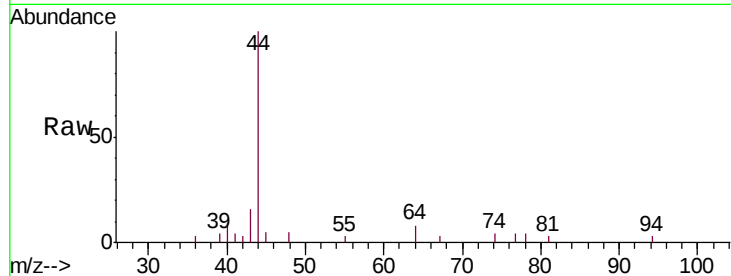




#15
Methyl Acetate
Concen: 0.134 ug/L
RT: 2.62 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU029759.D
Acq: 01 Mar 2019 13:20

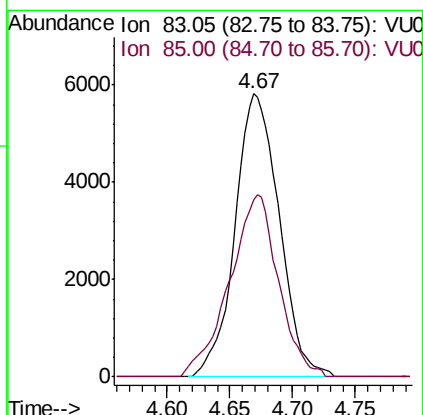
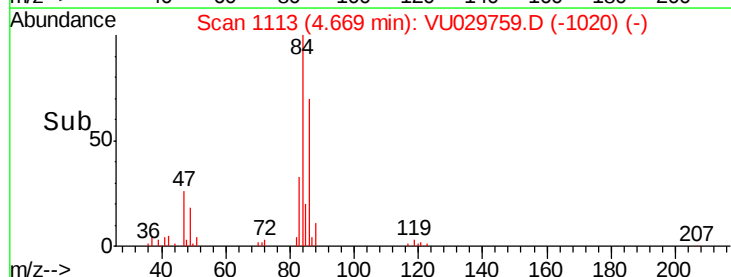
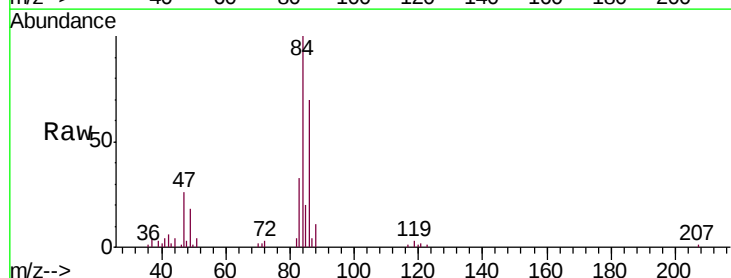
Instrument :
MSVOA_U
ClientSampleId :
CWK13RE

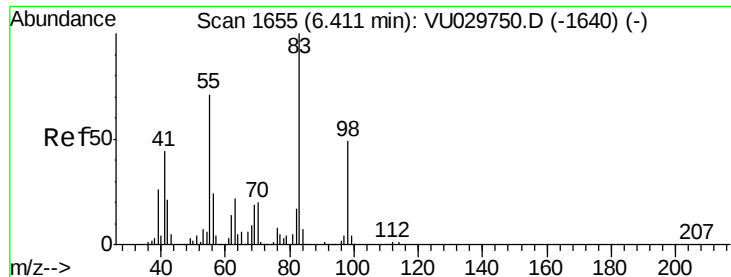
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
74 12.4 21.6 32.4#



#25
Chloroform
Concen: 0.480 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029759.D
Acq: 01 Mar 2019 13:20

Tgt Ion: 83 Resp: 14268
Ion Ratio Lower Upper
83 100
85 62.4 45.6 84.6





#35

Methylcyclohexane

Concen: 0.790 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029759.D

Acq: 01 Mar 2019 13:20

Instrument :

MSVOA_U

ClientSampleId :

CWK13RE

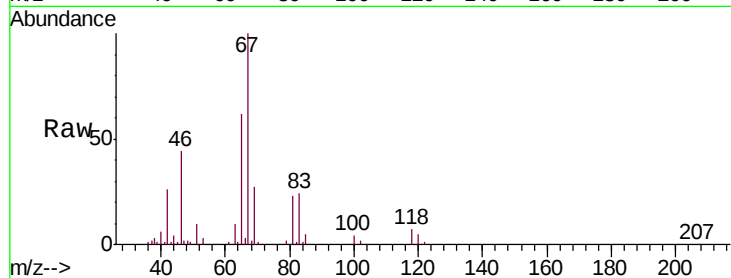
Tgt Ion: 83 Resp: 21601

Ion Ratio Lower Upper

83 100

55 0.6 56.5 84.7#

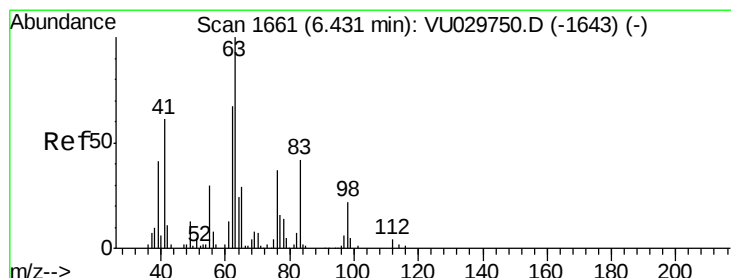
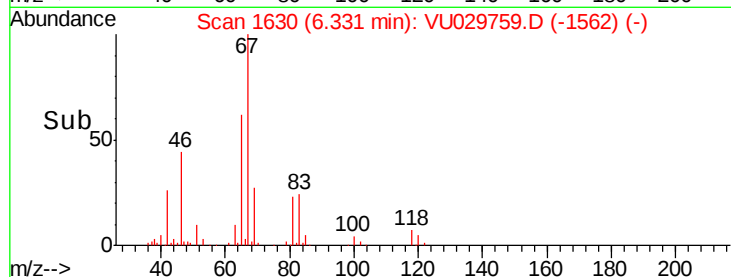
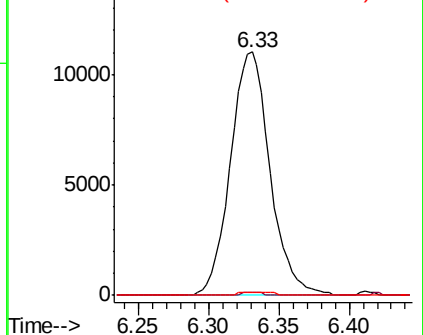
98 1.0 39.4 59.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029759.D

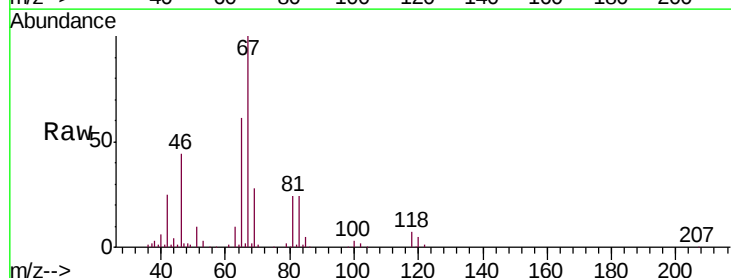
Acq: 01 Mar 2019 13:20

Tgt Ion: 63 Resp: 9731

Ion Ratio Lower Upper

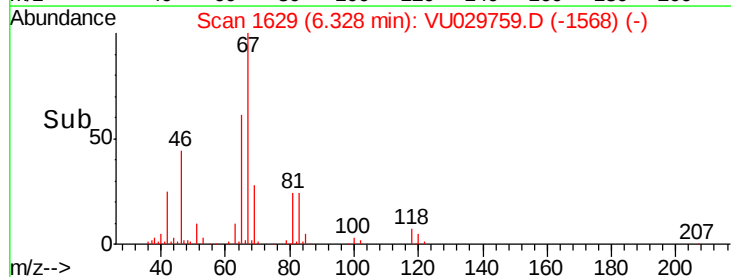
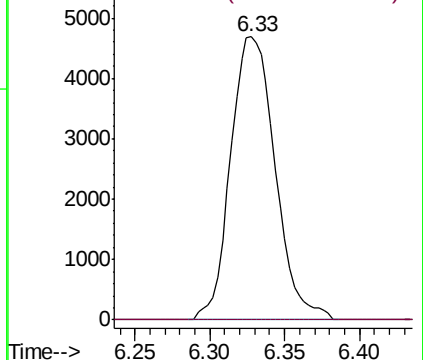
63 100

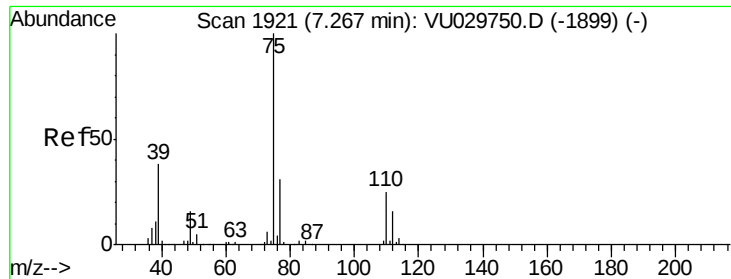
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029759.D

Acq: 01 Mar 2019 13:20

Instrument :

MSVOA_U

ClientSampleId :

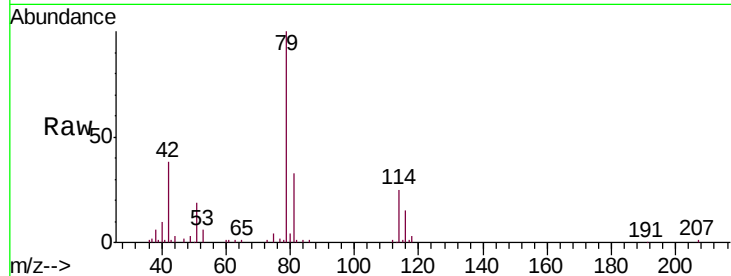
CWK13RE

Tgt Ion: 75 Resp: 2048

Ion Ratio Lower Upper

75 100

77 53.8 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.22

1500

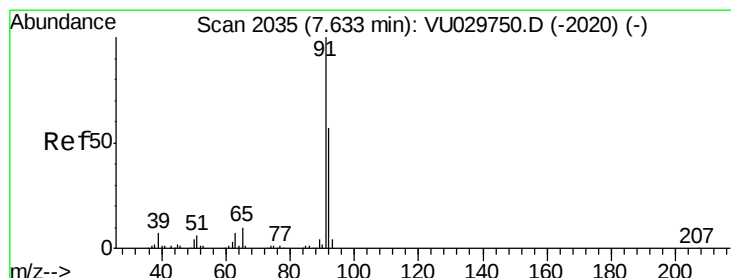
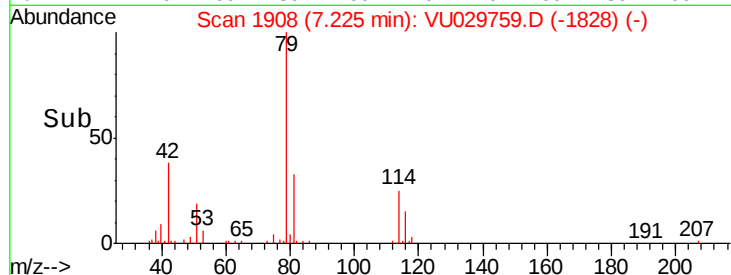
1000

500

0

7.20 7.25

Time-->



#42

Toluene

Concen: 0.088 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029759.D

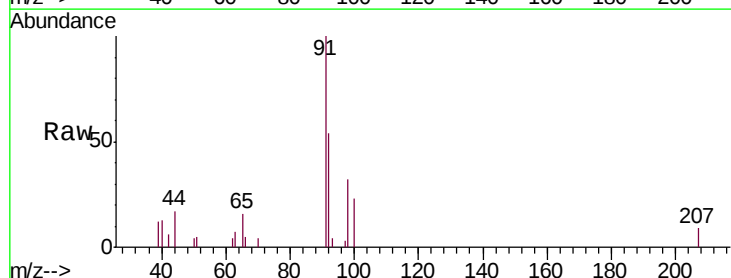
Acq: 01 Mar 2019 13:20

Tgt Ion: 91 Resp: 6032

Ion Ratio Lower Upper

91 100

92 53.8 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

3000

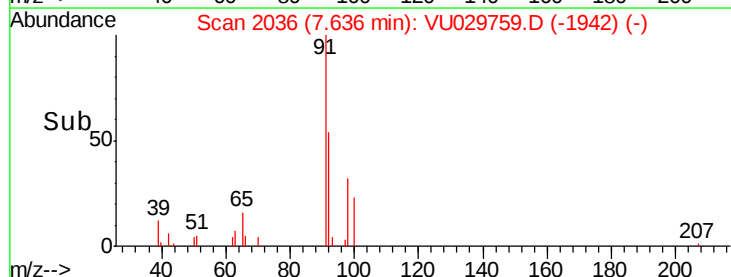
2000

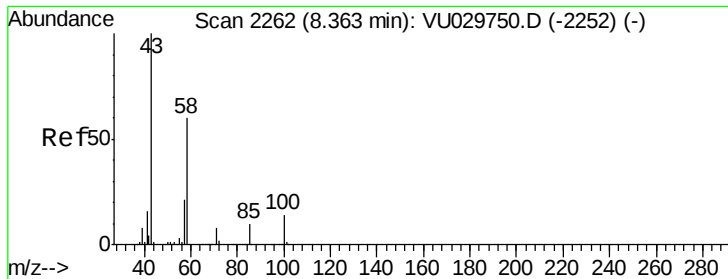
1000

0

7.60 7.65 7.70

Time-->

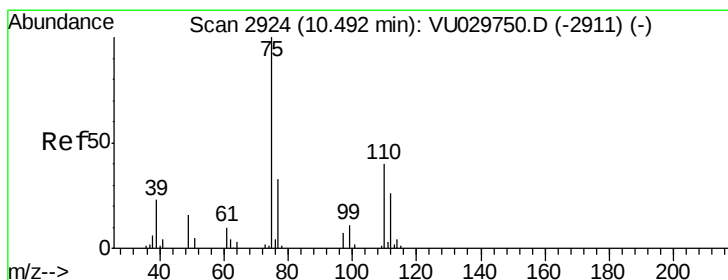
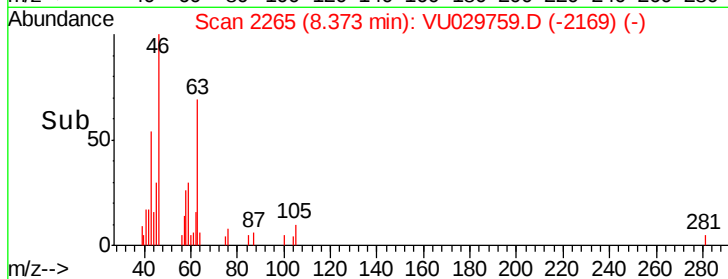
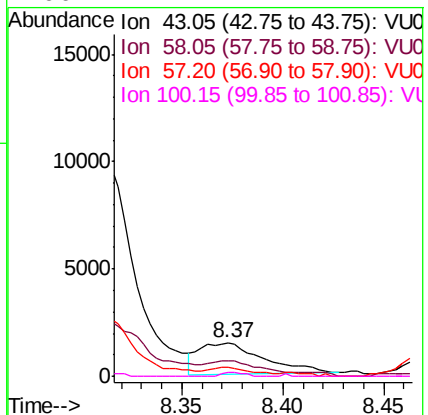
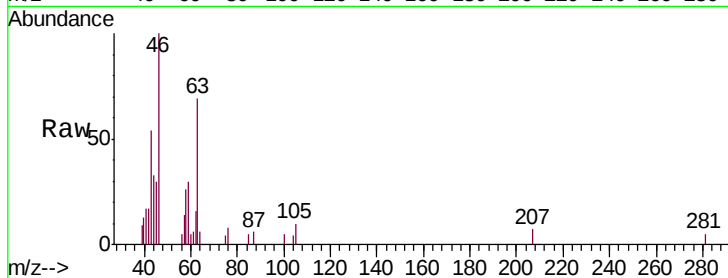




#48
 2-Hexanone
 Concen: 0.517 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU029759.D
 Acq: 01 Mar 2019 13:20

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK13RE

Tgt Ion: 43 Resp: 3233
 Ion Ratio Lower Upper
 43 100
 58 29.8 46.6 69.8#
 57 18.2 15.9 23.9
 100 4.1 11.4 17.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.110 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029759.D
 Acq: 01 Mar 2019 13:20

Tgt Ion: 75 Resp: 11277
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.6 38.4#

