

Data File : VU029760.D
Acq On : 01 Mar 2019 13:44
Operator : JC/SP
Sample : K1660-12RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK10RE

Quant Time: Mar 01 22:16:27 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	237293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	228893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87503	5.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.00%
7) Chloroethane-d5	1.68	69	69060	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.27	63	120933	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.19	46	172093	49.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.24%
24) Chloroform-d	4.65	84	122236	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.31	65	69924	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.34	84	300981	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.33	67	89507	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.56	98	276072	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.85	79	31893	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.31	63	165286	48.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71419	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	110774	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

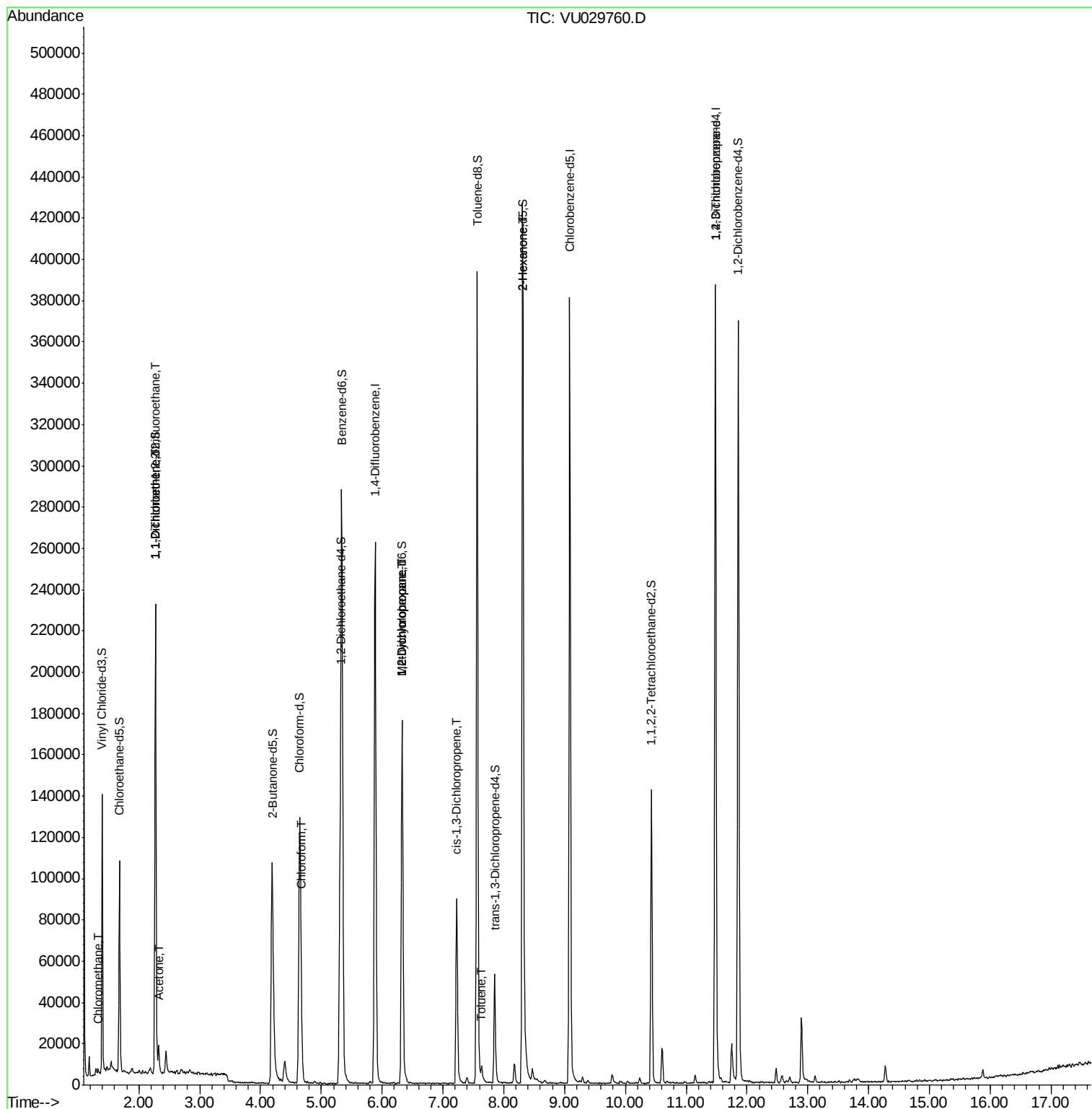
						Qvalue
3) Chloromethane	1.32	50	1323	0.083	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1236	0.067	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1222	0.069	ug/L #	1
13) Acetone	2.32	43	10993	4.367	ug/L	99
25) Chloroform	4.68	83	17354	0.581	ug/L	92
35) Methylcyclohexane	6.33	83	21006	0.767	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9235	0.606	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	1952	0.088	ug/L #	56
42) Toluene	7.64	91	5765	0.084	ug/L	83
48) 2-Hexanone	8.31	43	15709	2.508	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	11426	1.123	ug/L #	86

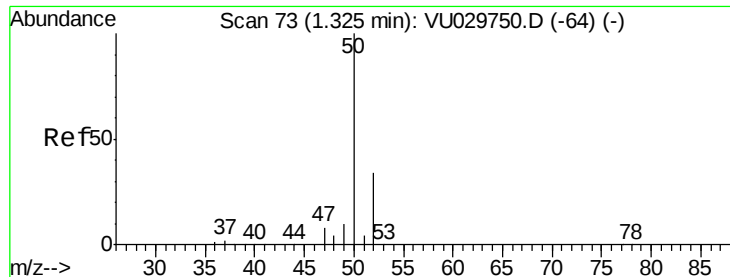
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.083 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU029760.D

Acq: 01 Mar 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

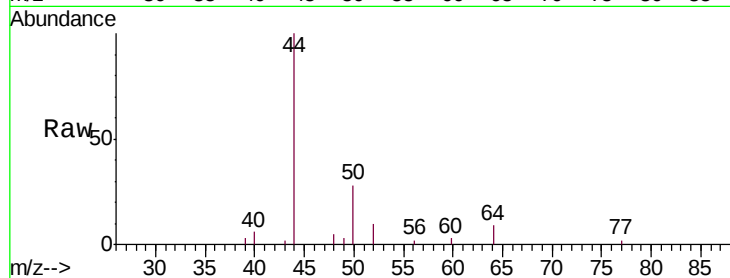
CWK10RE

Tgt Ion: 50 Resp: 1323

Ion Ratio Lower Upper

50 100

52 37.2 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) (-)

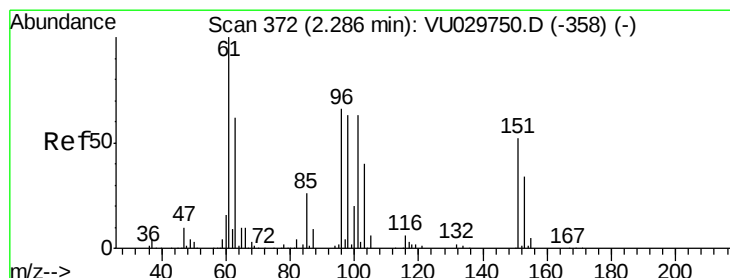
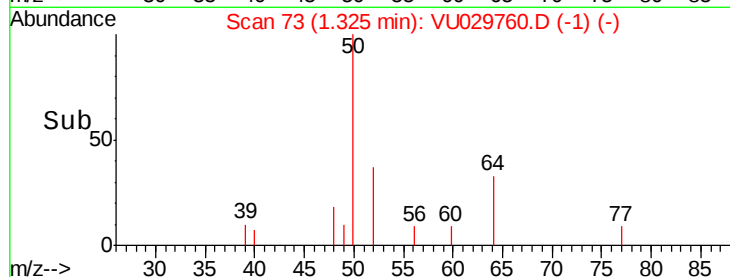
1.32

1000

500

0

Time-->



#10

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

Concen: 0.067 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029760.D

Acq: 01 Mar 2019 13:44

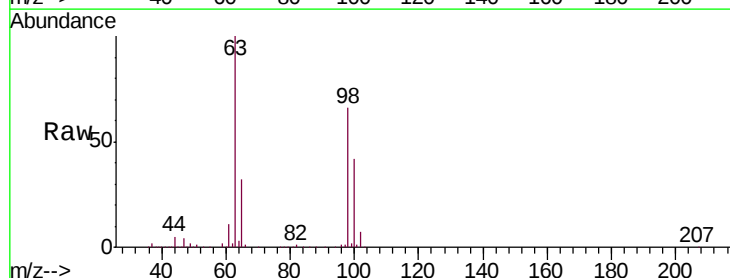
Tgt Ion: 101 Resp: 1236

Ion Ratio Lower Upper

101 100

85 0.0 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

1000

800

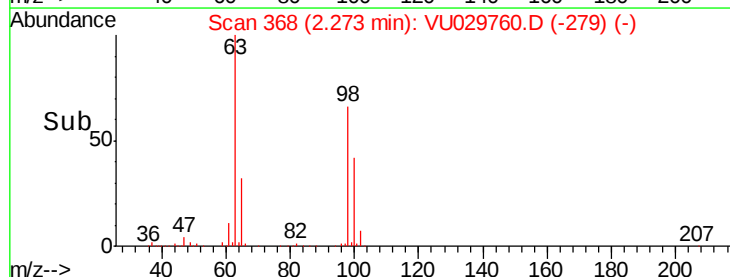
600

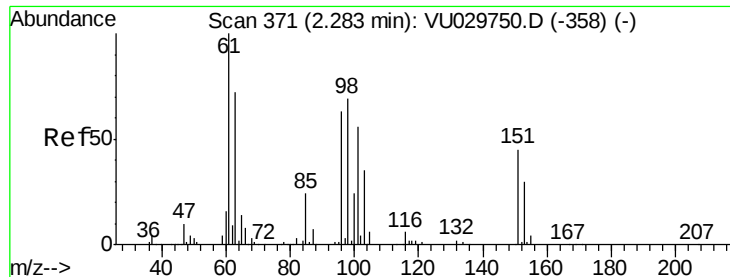
400

200

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029760.D

Acq: 01 Mar 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

CWK10RE

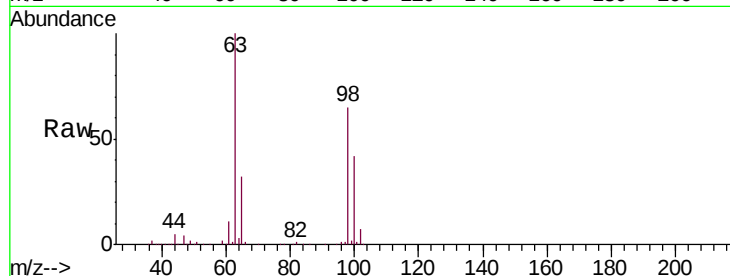
Tgt Ion: 96 Resp: 1222

Ion Ratio Lower Upper

96 100

61 1166.9 111.3 206.7#

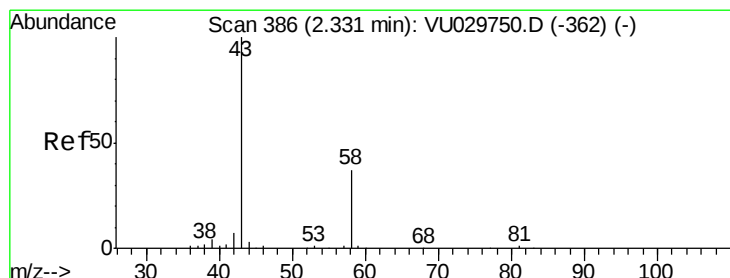
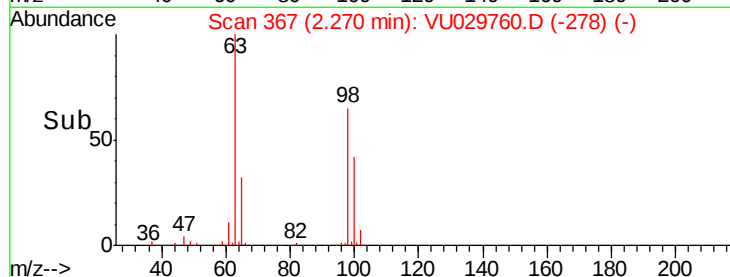
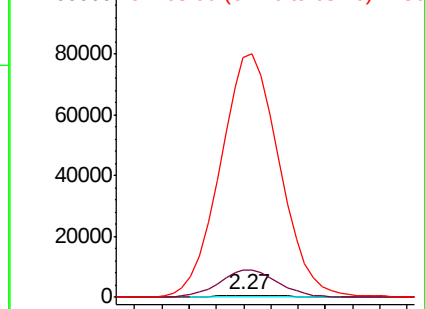
63 10295.3 88.5 164.3#



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: 4.367 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU029760.D

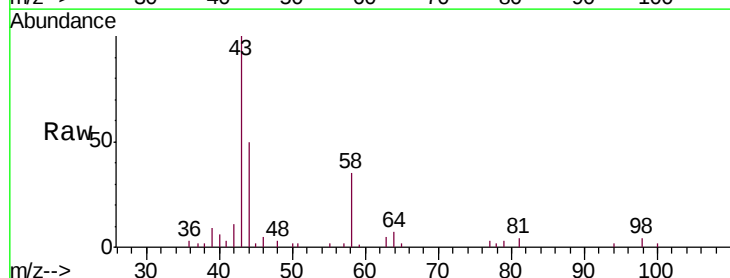
Acq: 01 Mar 2019 13:44

Tgt Ion: 43 Resp: 10993

Ion Ratio Lower Upper

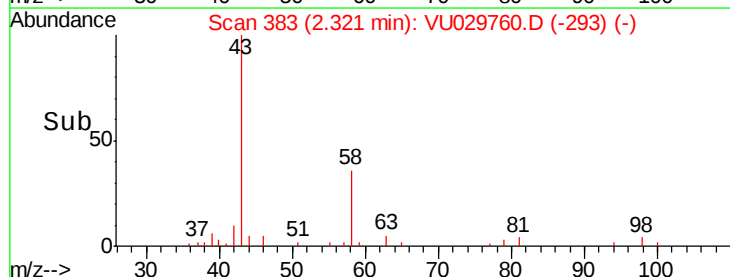
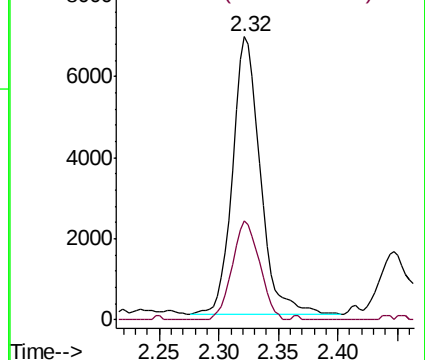
43 100

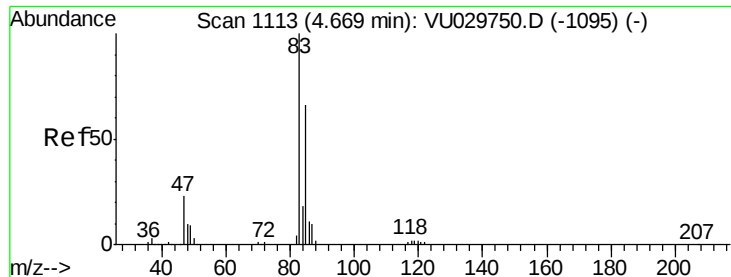
58 35.5 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

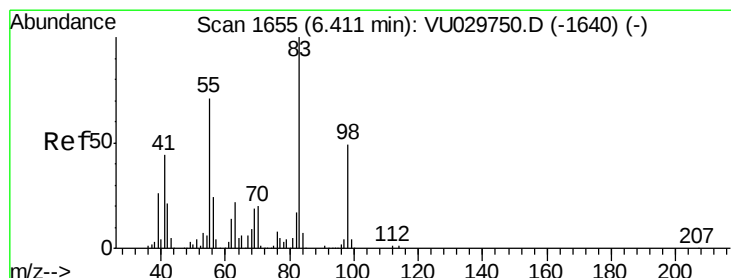
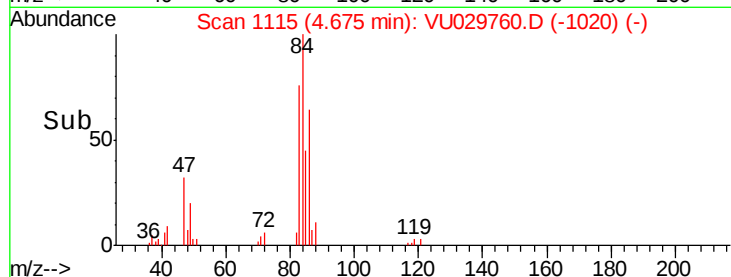
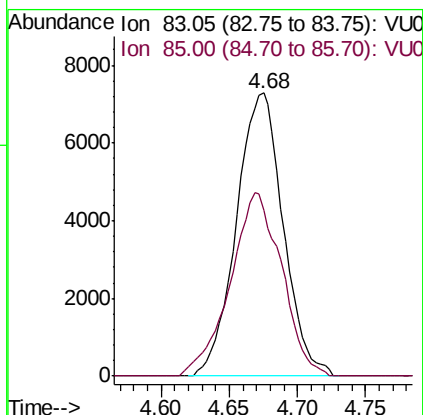
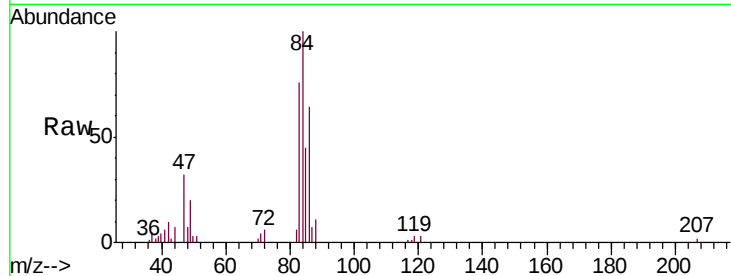




#25
Chloroform
Concen: 0.581 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU029760.D
Acq: 01 Mar 2019 13:44

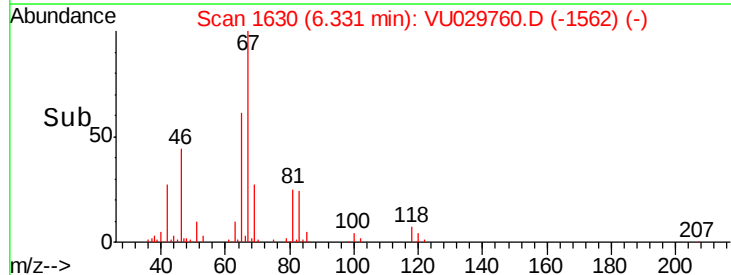
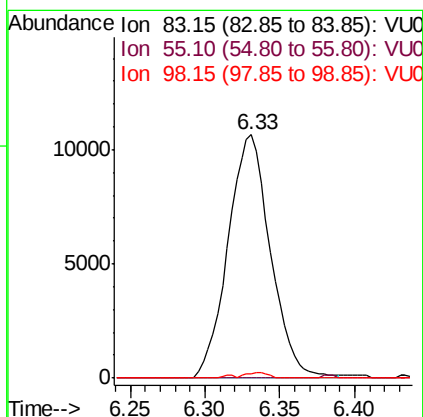
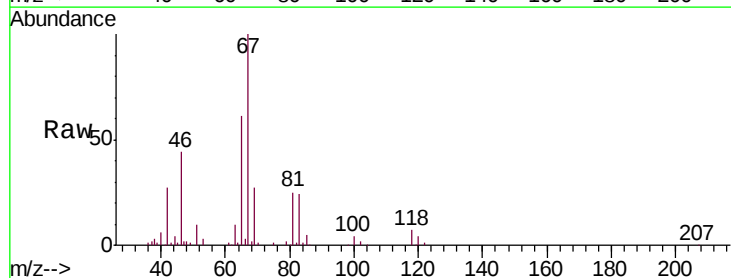
Instrument :
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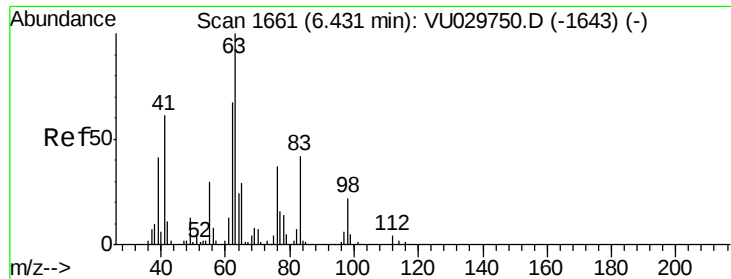
Tgt Ion: 83 Resp: 17354
Ion Ratio Lower Upper
83 100
85 58.5 45.6 84.6



#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029760.D
Acq: 01 Mar 2019 13:44

Tgt Ion: 83 Resp: 21006
Ion Ratio Lower Upper
83 100
55 0.3 56.5 84.7#
98 1.2 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU029760.D

Acq: 01 Mar 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

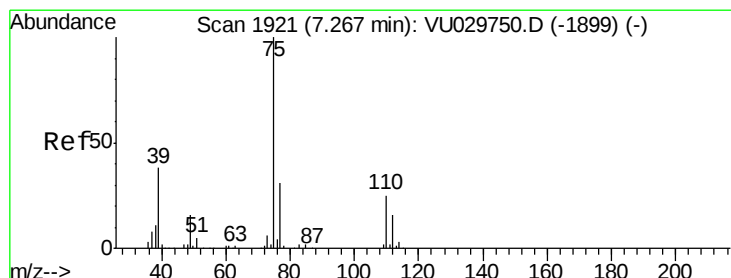
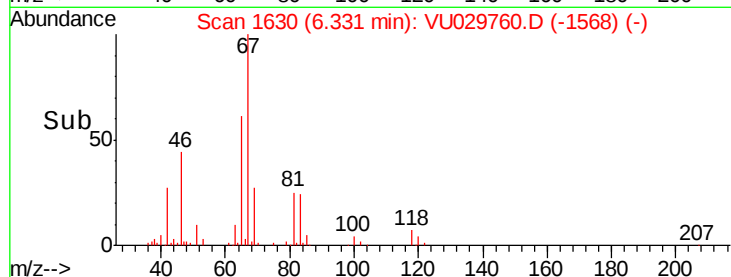
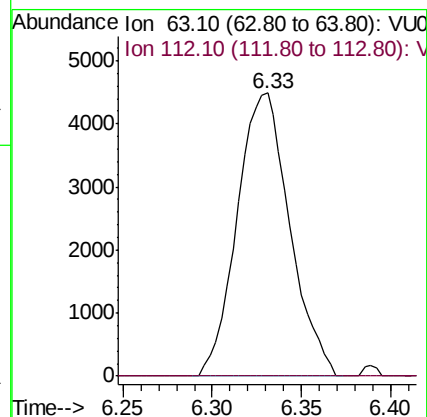
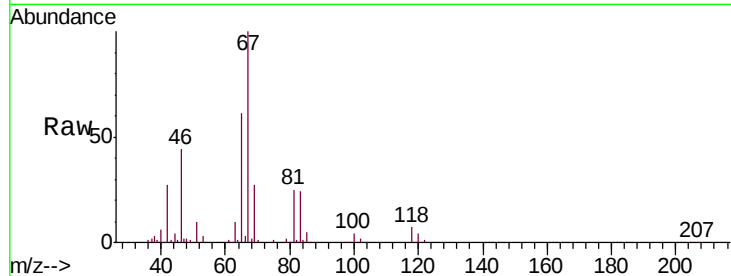
CWK10RE

Tgt Ion: 63 Resp: 9235

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029760.D

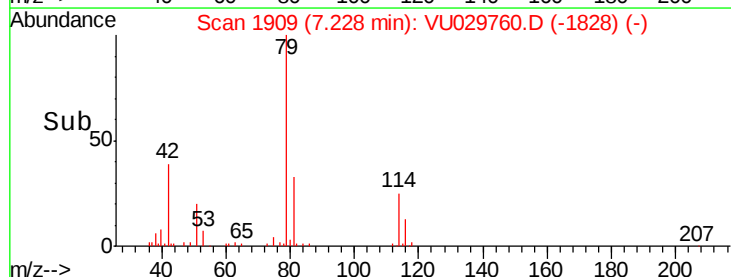
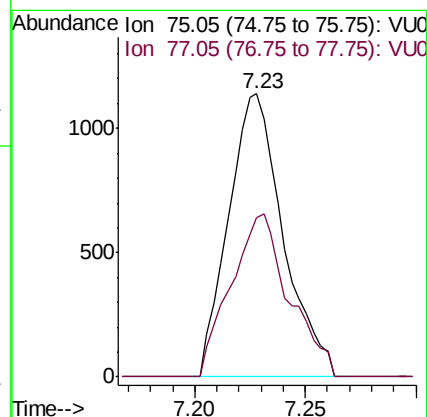
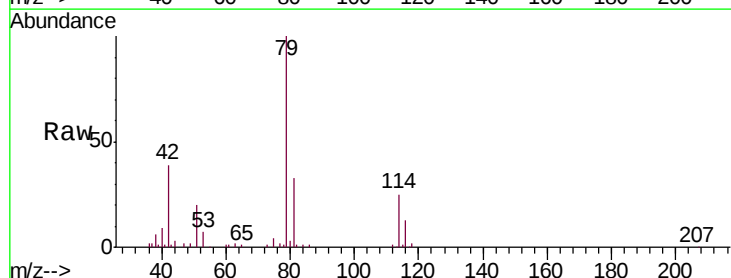
Acq: 01 Mar 2019 13:44

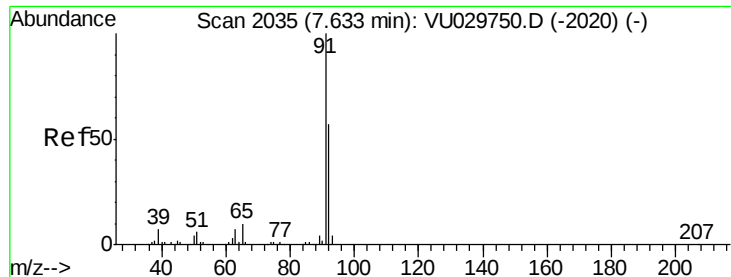
Tgt Ion: 75 Resp: 1952

Ion Ratio Lower Upper

75 100

77 56.4 22.3 41.5#





#42

Toluene

Concen: 0.084 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU029760.D

Acq: 01 Mar 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

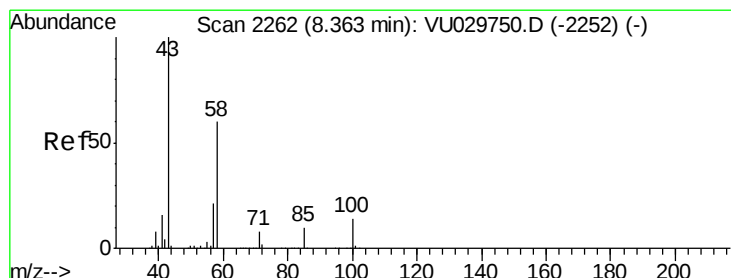
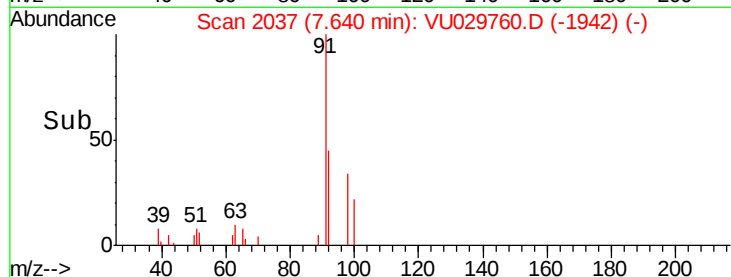
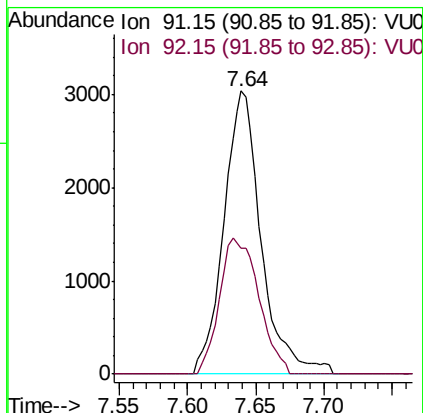
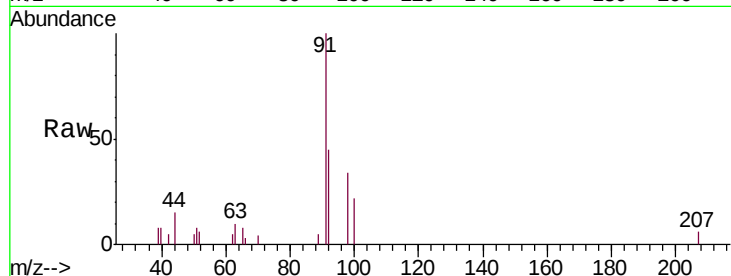
CWK10RE

Tgt Ion: 91 Resp: 5765

Ion Ratio Lower Upper

91 100

92 44.7 40.1 74.5



#48

2-Hexanone

Concen: 2.508 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU029760.D

Acq: 01 Mar 2019 13:44

Tgt Ion: 43 Resp: 15709

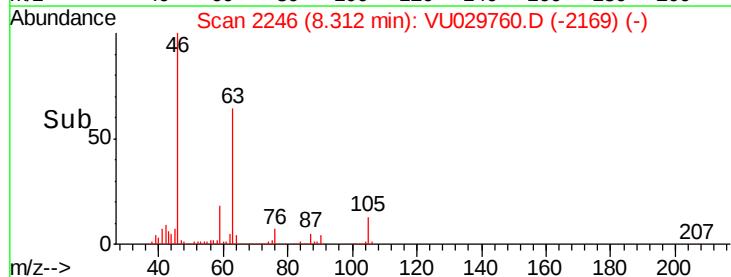
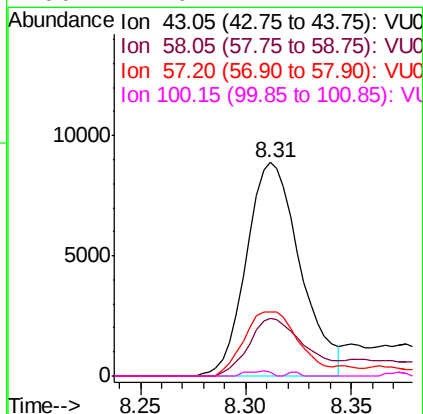
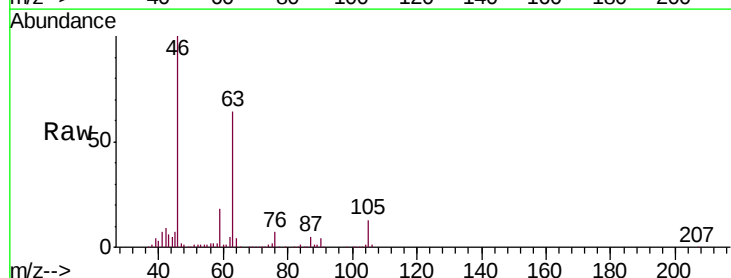
Ion Ratio Lower Upper

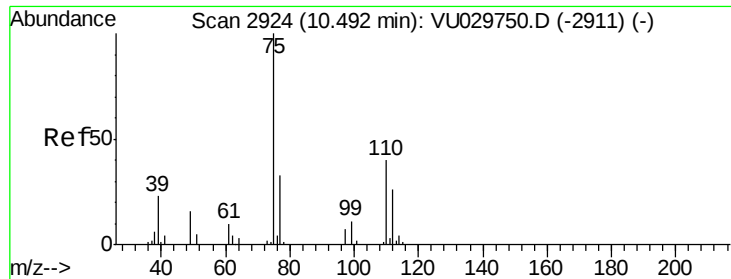
43 100

58 28.5 46.6 69.8#

57 30.8 15.9 23.9#

100 1.0 11.4 17.2#





#59

1,2,3-Trichloropropane

Concen: 1.123 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029760.D

Acq: 01 Mar 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

CWK10RE

Tgt Ion: 75 Resp: 11426

Ion Ratio Lower Upper

75 100

77 40.0 25.6 38.4#

