

Data File : VU029757.D
Acq On : 01 Mar 2019 12:33
Operator : JC/SP
Sample : K1660-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK10

Quant Time: Mar 01 22:15:58 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	235651	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	228754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112456	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59452	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.68	69	62758	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	95238	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.19	46	231976	66.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.34%#
24) Chloroform-d	4.65	84	133568	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.31	65	77688	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.34	84	294475	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.33	67	94787	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.56	98	255796	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.85	79	35134	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.31	63	220032	64.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87163	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	116613	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

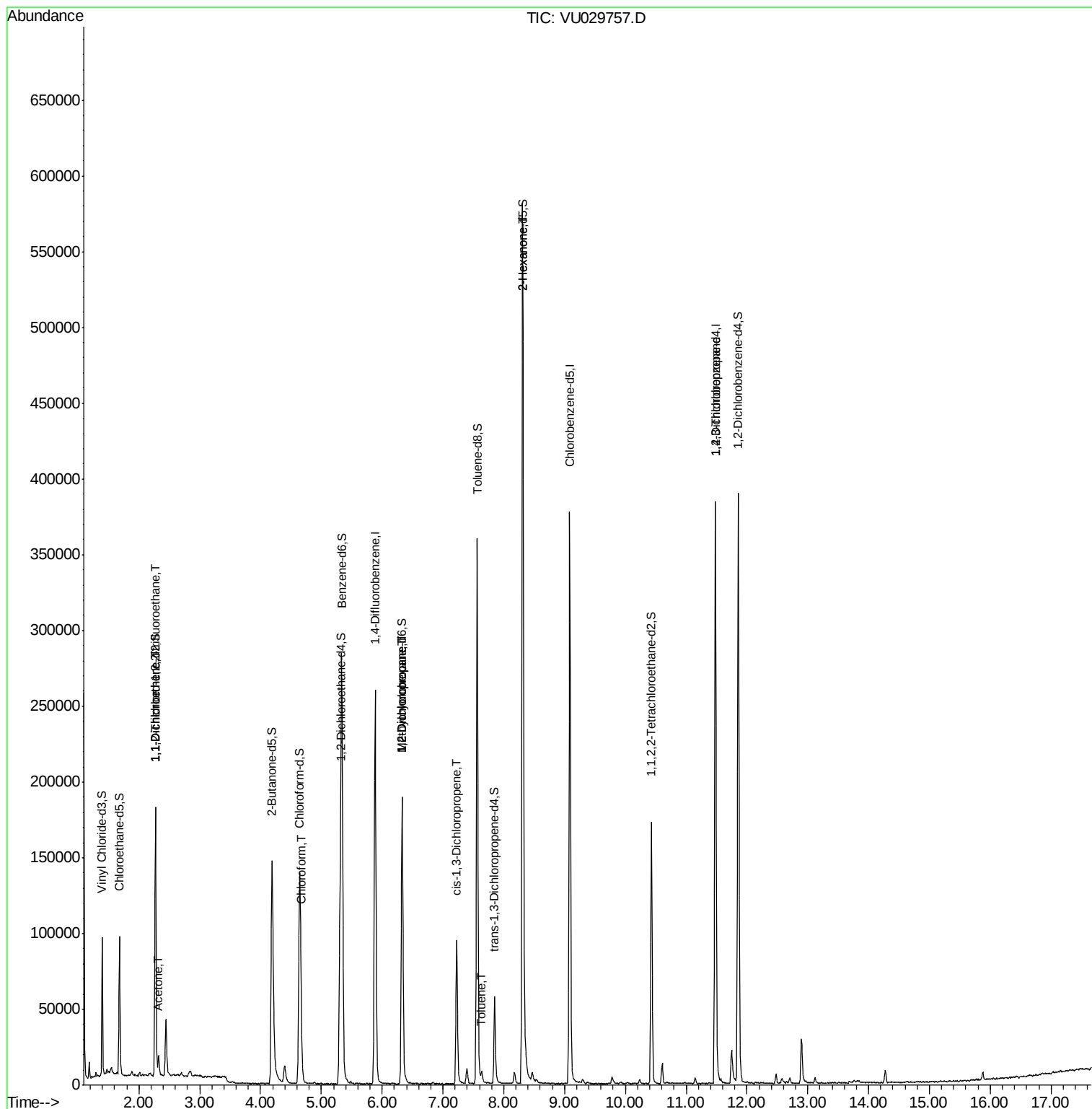
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1164	0.063	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1007	0.058	ug/L #	1
13) Acetone	2.32	43	12039	4.816	ug/L	98
25) Chloroform	4.67	83	14902	0.503	ug/L	100
35) Methylcyclohexane	6.33	83	22286	0.814	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9373	0.615	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2223	0.100	ug/L #	71
42) Toluene	7.64	91	5542	0.081	ug/L	97
48) 2-Hexanone	8.31	43	21909	3.500	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	11663	1.147	ug/L	94

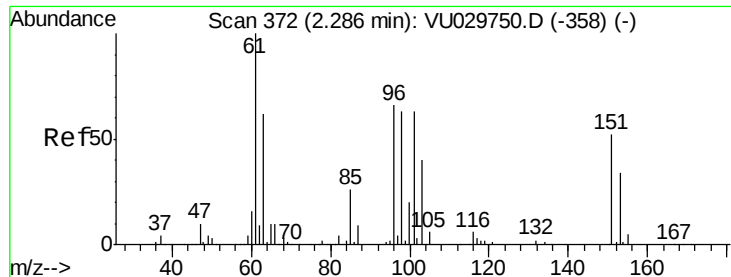
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.063 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029757.D

Acq: 01 Mar 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

CWK10

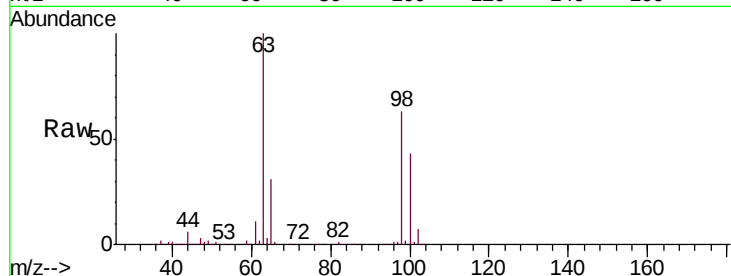
Tgt Ion: 101 Resp: 1164

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

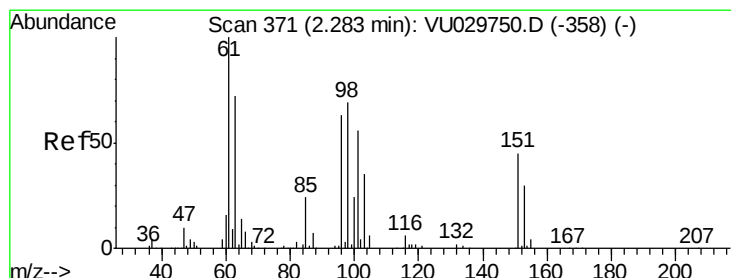
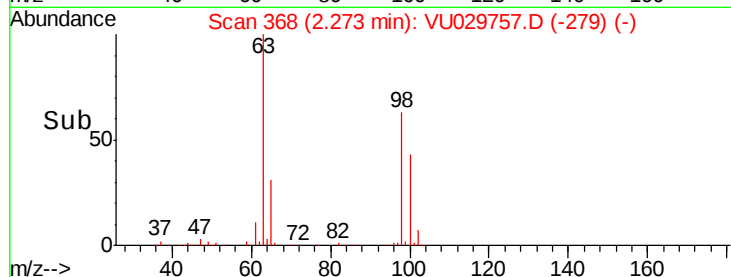
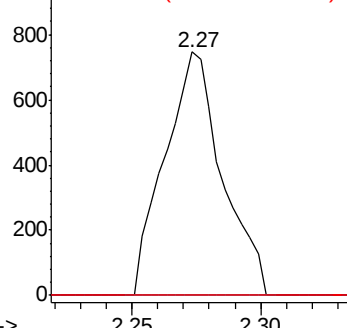
151 0.0 65.9 98.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.058 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029757.D

Acq: 01 Mar 2019 12:33

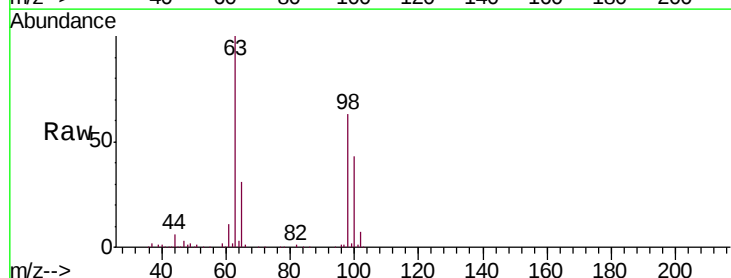
Tgt Ion: 96 Resp: 1007

Ion Ratio Lower Upper

96 100

61 1276.6 111.3 206.7#

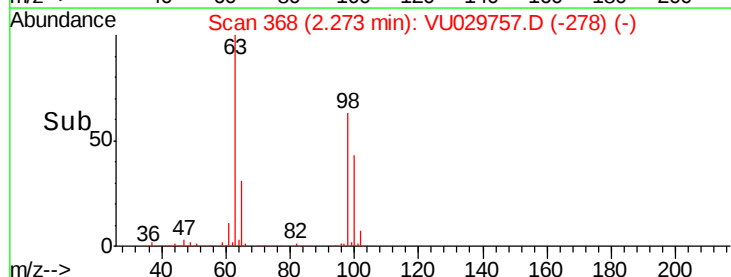
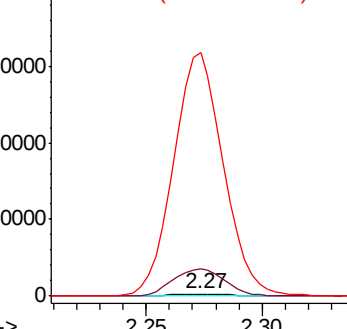
63 11363.1 88.5 164.3#

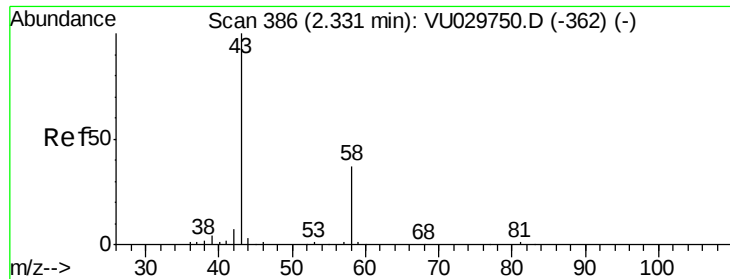


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.816 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU029757.D

Acq: 01 Mar 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

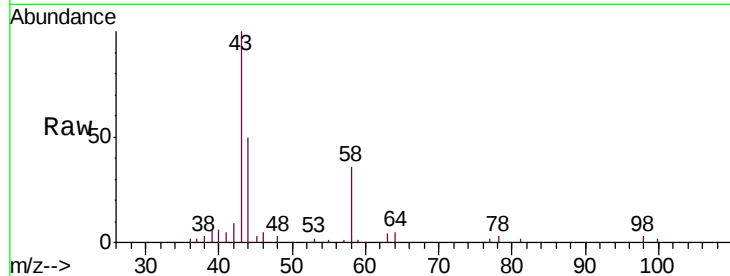
CWK10

Tgt Ion: 43 Resp: 12039

Ion Ratio Lower Upper

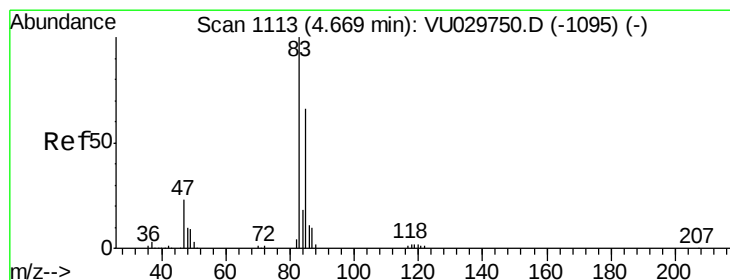
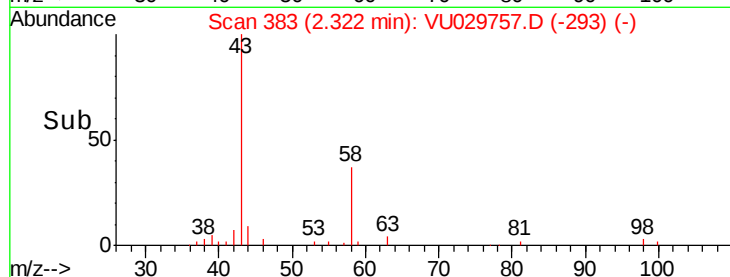
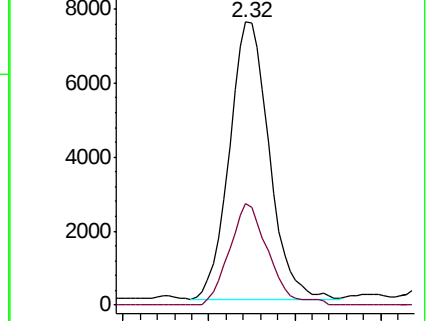
43 100

58 36.1 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU029757.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU029757.D (-293) (-)



#25

Chloroform

Concen: 0.503 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029757.D

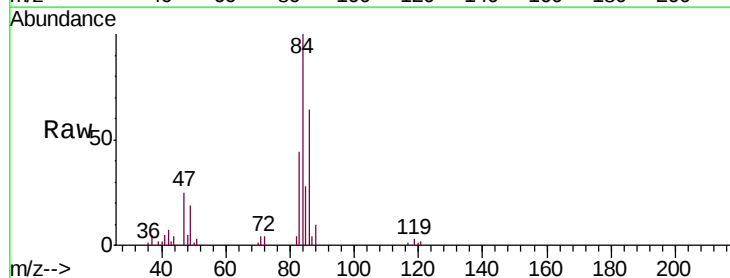
Acq: 01 Mar 2019 12:33

Tgt Ion: 83 Resp: 14902

Ion Ratio Lower Upper

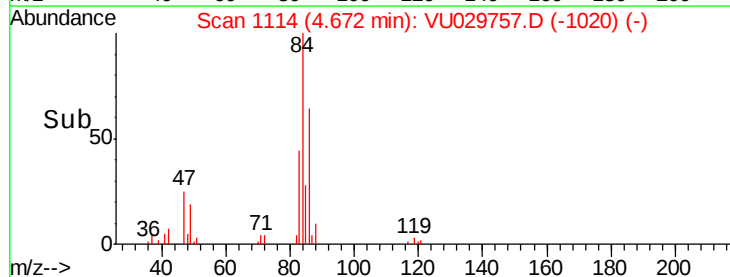
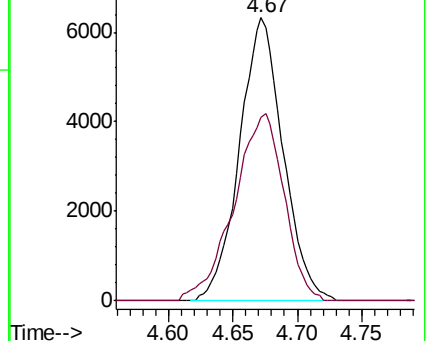
83 100

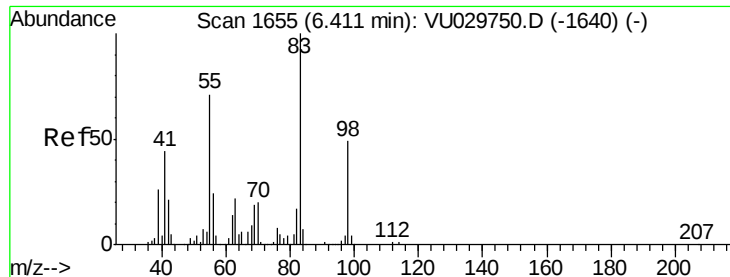
85 64.9 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU029757.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VU029757.D (-1020) (-)

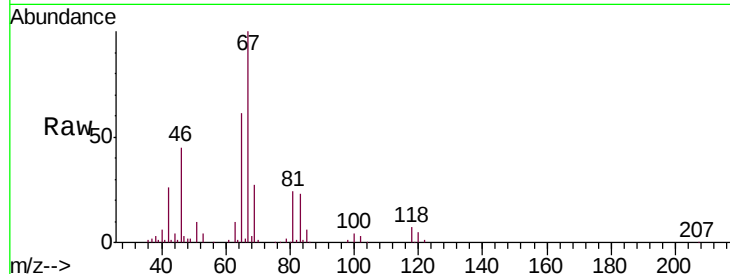




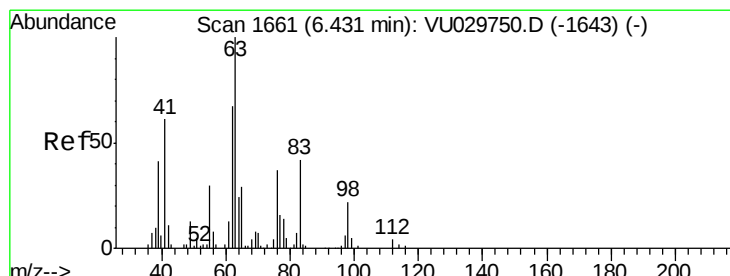
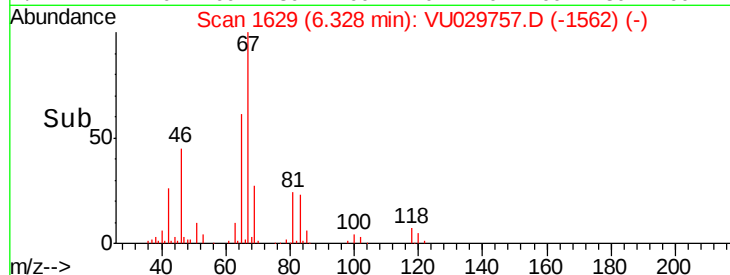
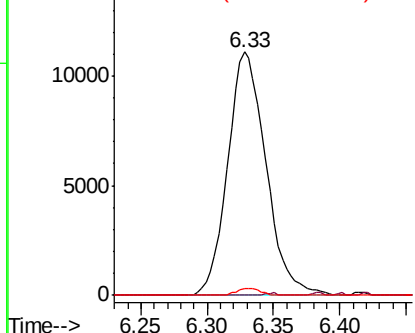
#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029757.D
Acq: 01 Mar 2019 12:33

Instrument :
MSVOA_U
ClientSampleId :
CWK10

Tgt Ion: 83 Resp: 22286
Ion Ratio Lower Upper
83 100
55 0.3 56.5 84.7#
98 1.7 39.4 59.2#

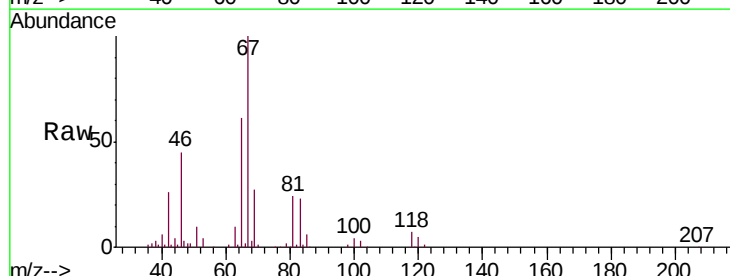


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

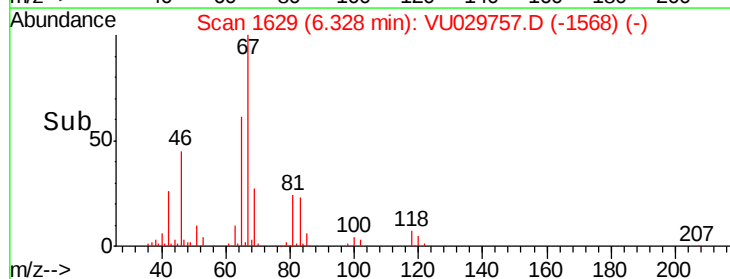
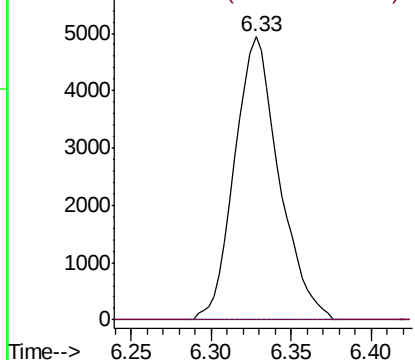


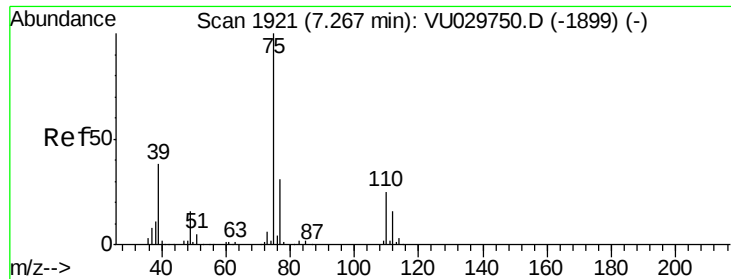
#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029757.D
Acq: 01 Mar 2019 12:33

Tgt Ion: 63 Resp: 9373
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



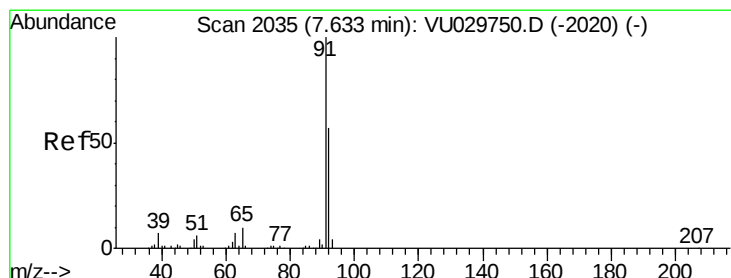
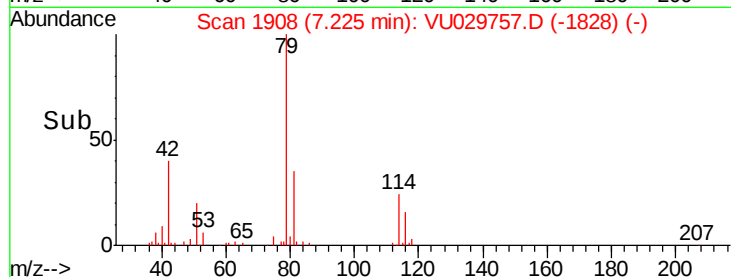
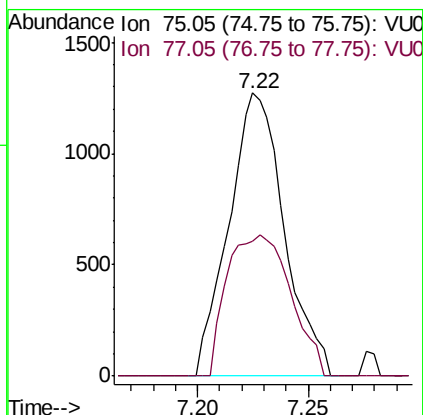
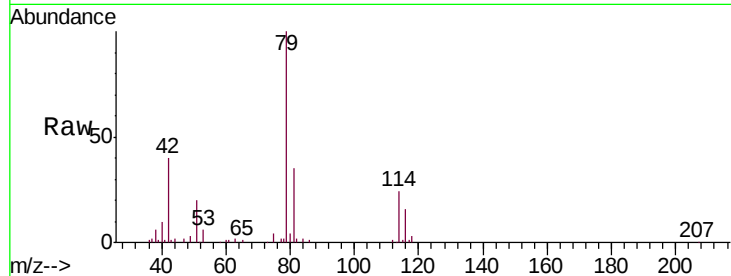


#39

cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029757.D
 Acq: 01 Mar 2019 12:33

Instrument :
 MSVOA_U
 ClientSampled :
 CWK10

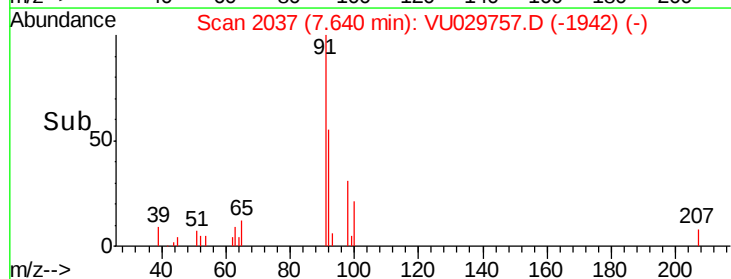
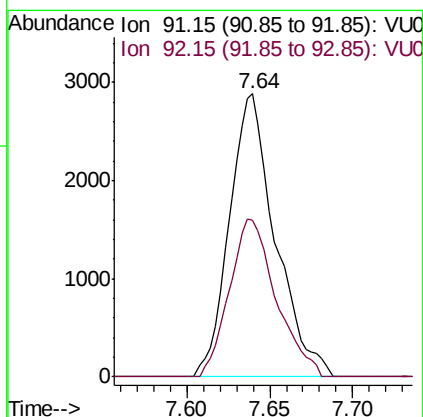
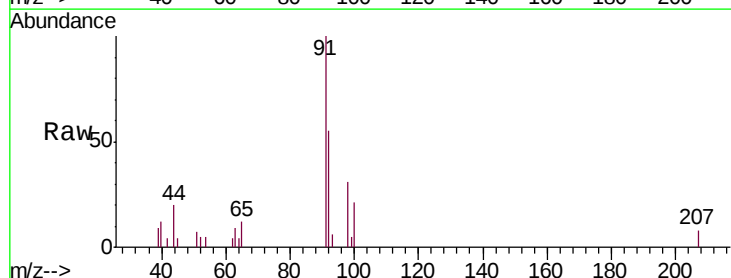
Tgt Ion: 75 Resp: 2223
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.3 41.5#

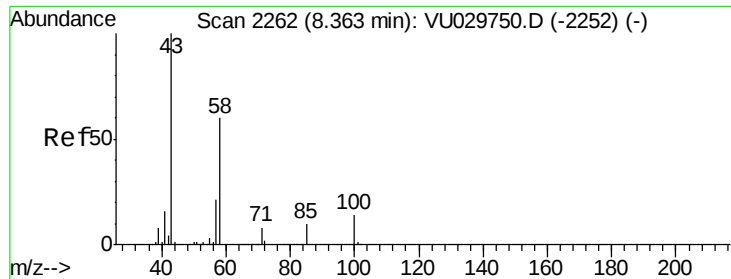


#42

Toluene
 Concen: 0.081 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU029757.D
 Acq: 01 Mar 2019 12:33

Tgt Ion: 91 Resp: 5542
 Ion Ratio Lower Upper
 91 100
 92 55.3 40.1 74.5

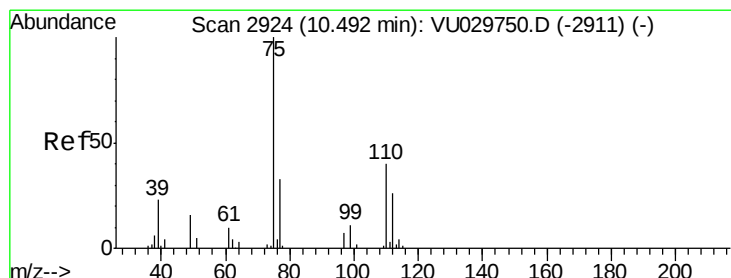
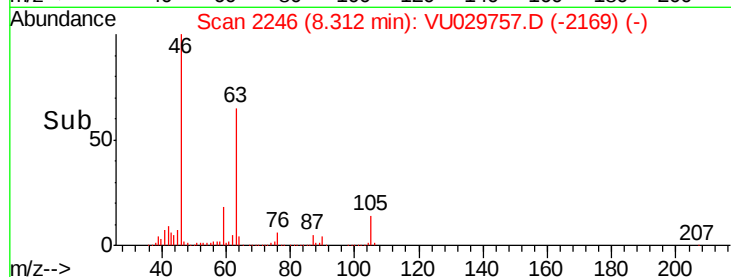
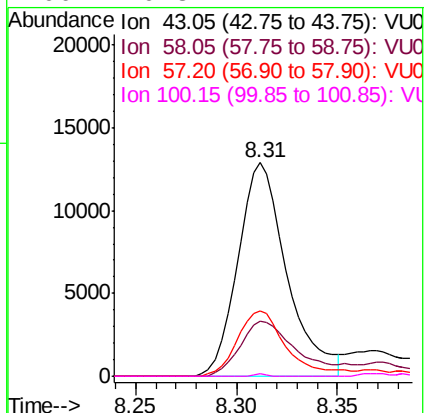
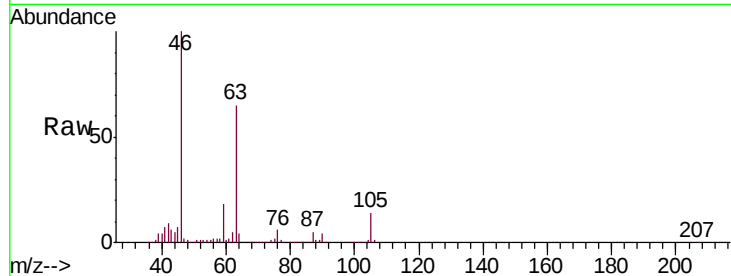




#48
 2-Hexanone
 Concen: 3.500 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU029757.D
 Acq: 01 Mar 2019 12:33

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 ClientSampleId :
 CWK10

Tgt Ion: 43 Resp: 21909
 Ion Ratio Lower Upper
 43 100
 58 29.2 46.6 69.8#
 57 30.5 15.9 23.9#
 100 0.3 11.4 17.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.147 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029757.D
 Acq: 01 Mar 2019 12:33

Tgt Ion: 75 Resp: 11663
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.6 38.4

