

Data File : VU029734.D
Acq On : 28 Feb 2019 13:42
Operator : JC/SP
Sample : K1577-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJX0

Quant Time: Mar 01 00:23:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227995	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71206	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.68	69	69304	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.27	63	111624	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.19	46	206397	61.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.62%
24) Chloroform-d	4.64	84	140363	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.31	65	78389	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.34	84	314700	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.33	67	95971	5.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.00%
41) Toluene-d8	7.56	98	287342	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.85	79	35174	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.31	63	199211	60.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81307	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	121948	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

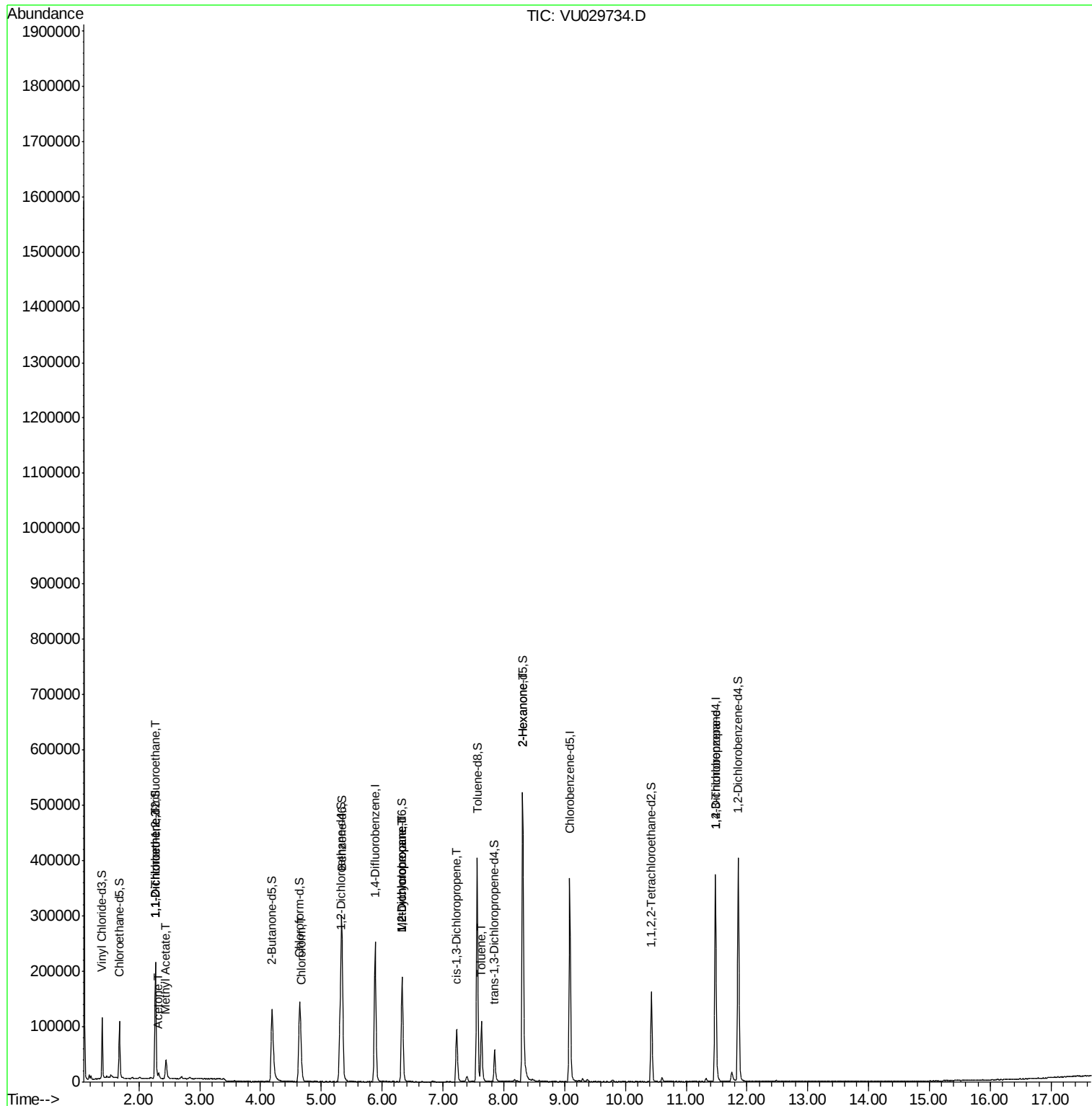
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1512	0.085	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	997	0.059	ug/L #	1
13) Acetone	2.32	43	8412	3.478	ug/L	97
15) Methyl Acetate	2.45	43	7855	1.113	ug/L #	48
25) Chloroform	4.67	83	20004	0.697	ug/L	93
35) Methylcyclohexane	6.33	83	23188	0.883	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9945	0.680	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2142	0.100	ug/L #	54
42) Toluene	7.64	91	85258	1.295	ug/L	100
48) 2-Hexanone	8.31	43	21430	3.566	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	11964	1.225	ug/L	93

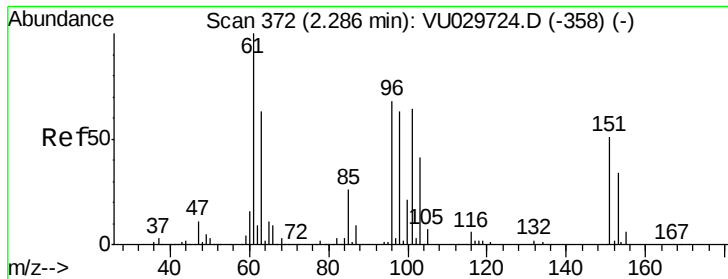
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.085 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029734.D

Acq: 28 Feb 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

CWJX0

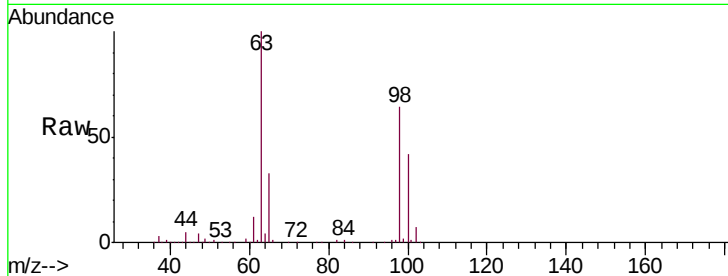
Tgt Ion: 101 Resp: 1512

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

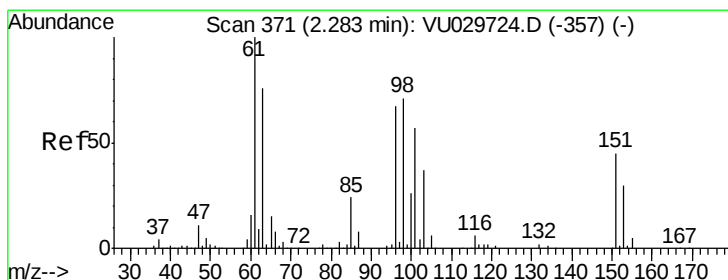
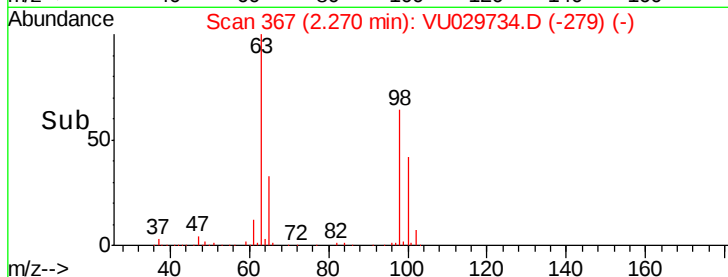
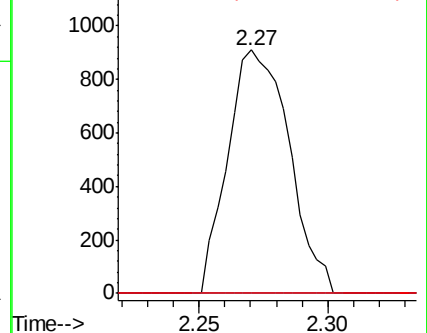
151 0.0 65.9 98.9#



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: 0.059 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029734.D

Acq: 28 Feb 2019 13:42

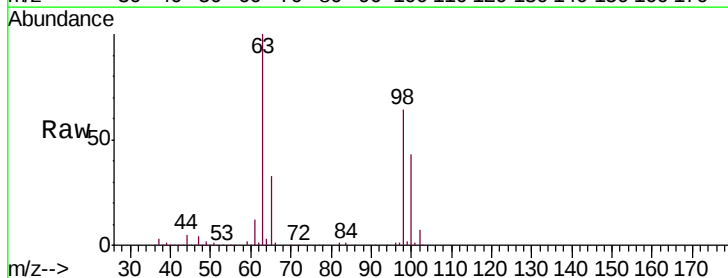
Tgt Ion: 96 Resp: 997

Ion Ratio Lower Upper

96 100

61 1428.2 111.3 206.7#

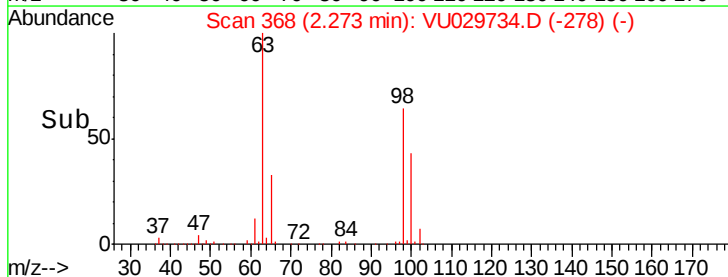
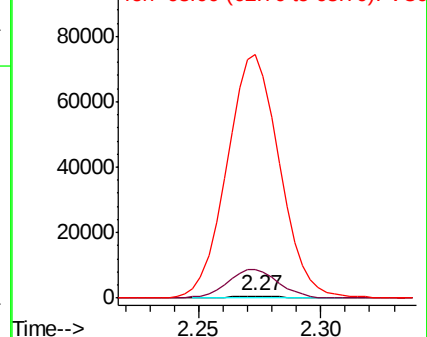
63 12356.1 88.5 164.3#

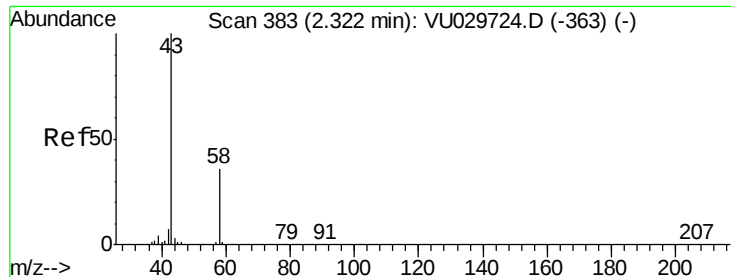


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.478 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029734.D

Acq: 28 Feb 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

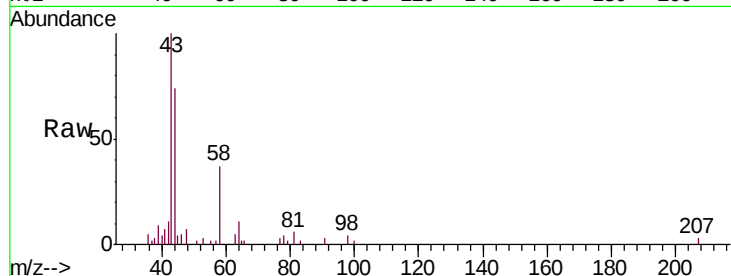
CWJX0

Tgt Ion: 43 Resp: 8412

Ion Ratio Lower Upper

43 100

58 33.1 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

6000

5000

4000

3000

2000

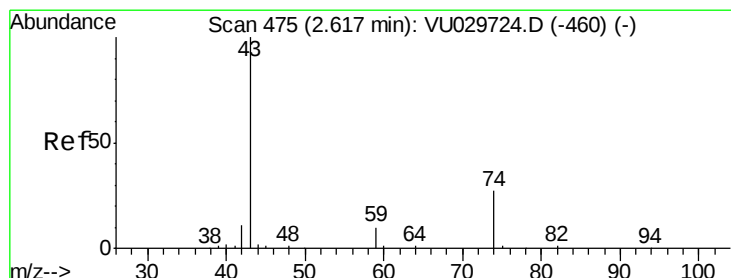
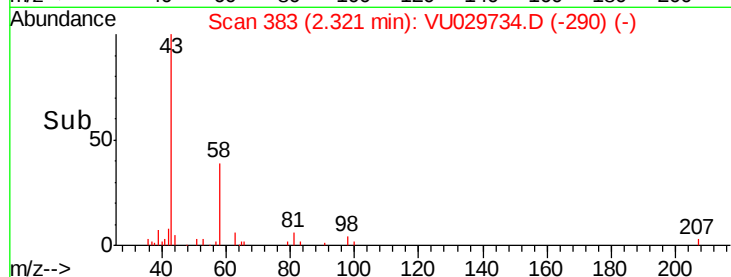
1000

0

Time-->

2.25 2.30 2.35 2.40

2.32



#15

Methyl Acetate

Concen: 1.113 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.17 min

Lab File: VU029734.D

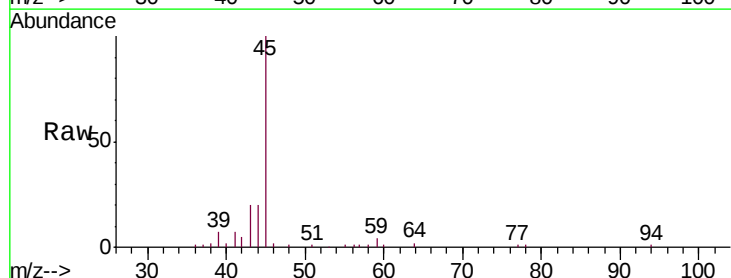
Acq: 28 Feb 2019 13:42

Tgt Ion: 43 Resp: 7855

Ion Ratio Lower Upper

43 100

74 0.3 21.6 32.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

5000

4000

3000

2000

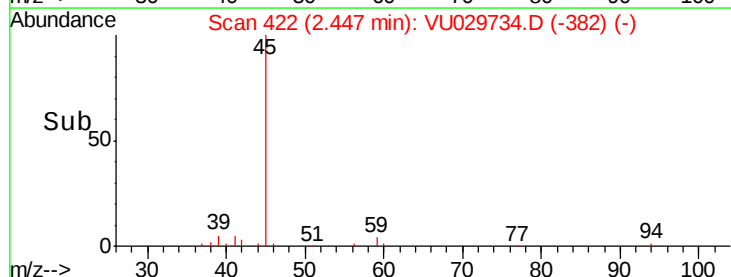
1000

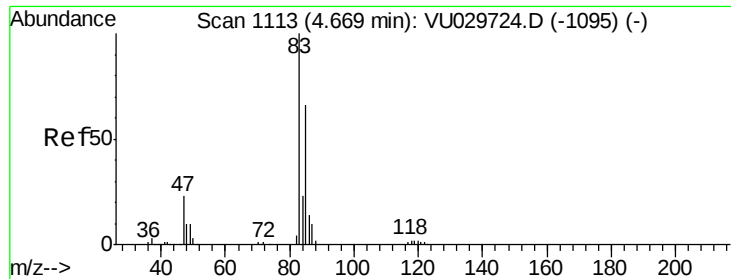
0

Time-->

2.40 2.45 2.50

2.45





#25

Chloroform

Concen: 0.697 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029734.D

Acq: 28 Feb 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

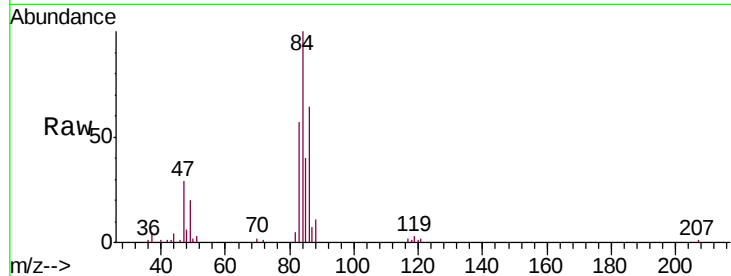
CWJX0

Tgt Ion: 83 Resp: 20004

Ion Ratio Lower Upper

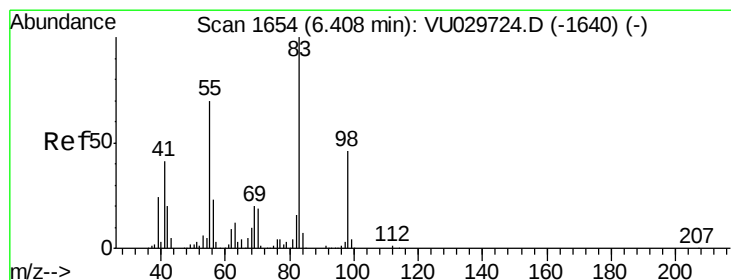
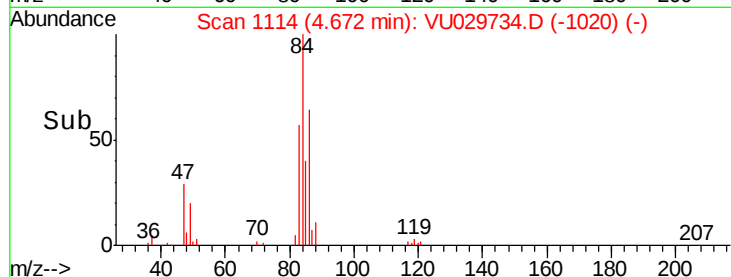
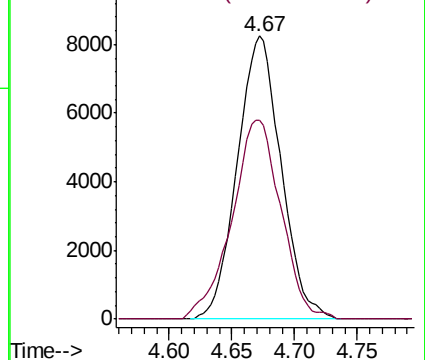
83 100

85 70.3 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.883 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029734.D

Acq: 28 Feb 2019 13:42

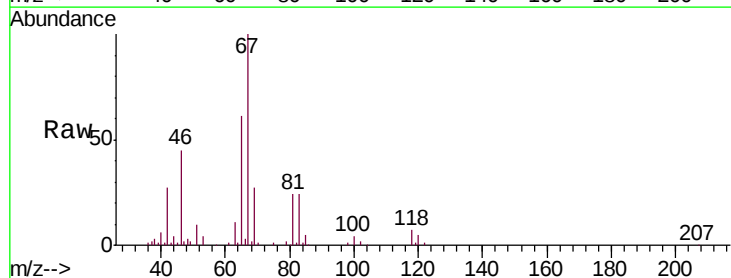
Tgt Ion: 83 Resp: 23188

Ion Ratio Lower Upper

83 100

55 0.2 56.5 84.7#

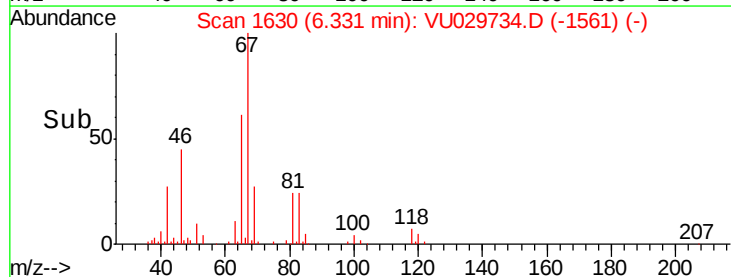
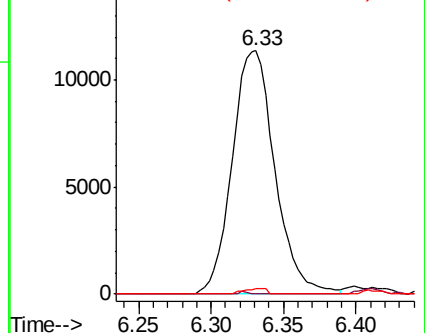
98 1.2 39.4 59.2#

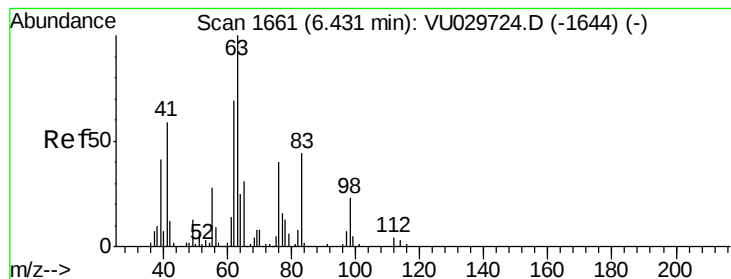


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.680 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029734.D

Acq: 28 Feb 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

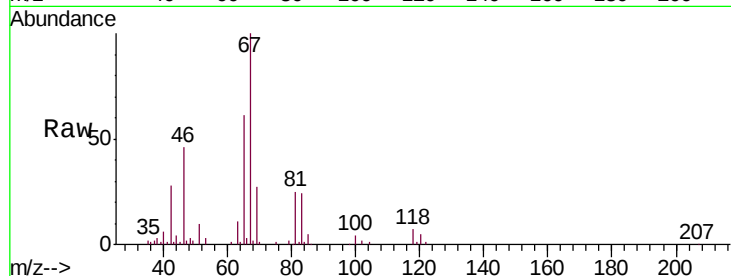
CWJX0

Tgt Ion: 63 Resp: 9945

Ion Ratio Lower Upper

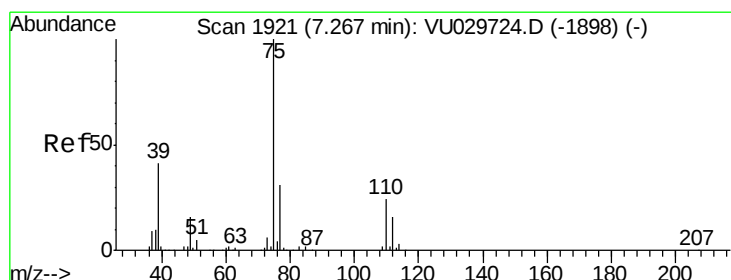
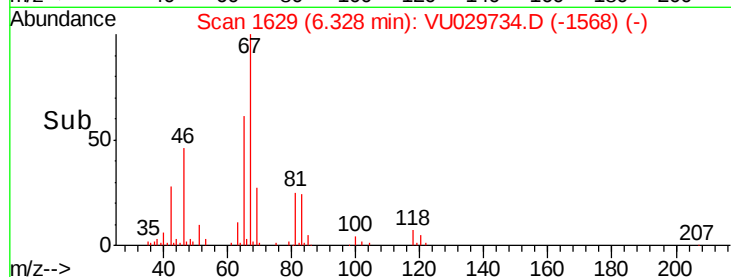
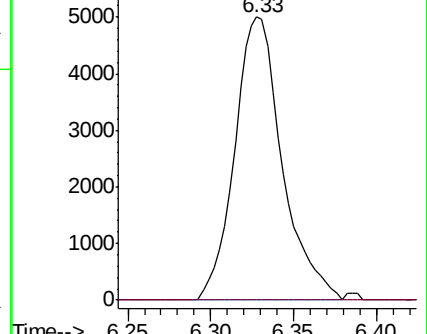
63 100

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: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029734.D

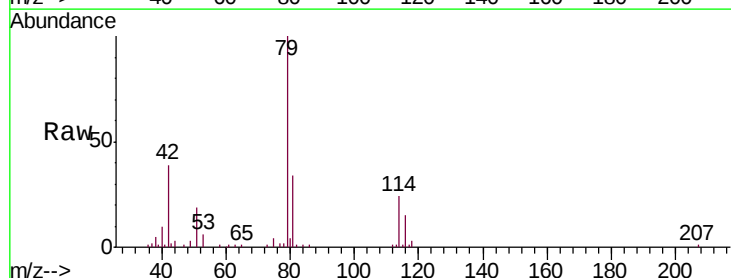
Acq: 28 Feb 2019 13:42

Tgt Ion: 75 Resp: 2142

Ion Ratio Lower Upper

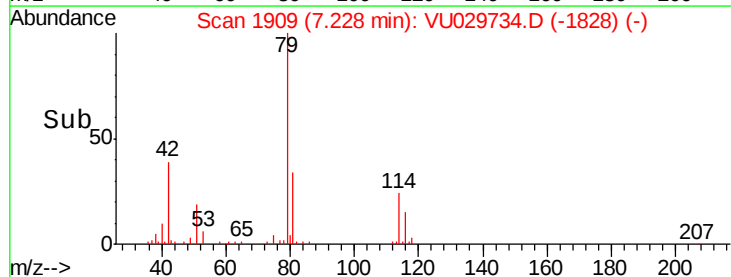
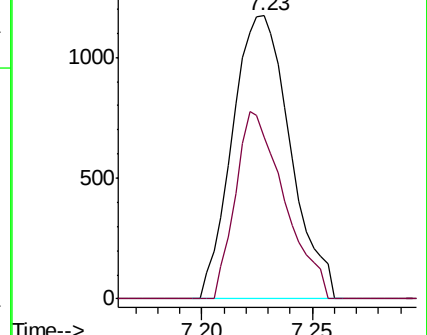
75 100

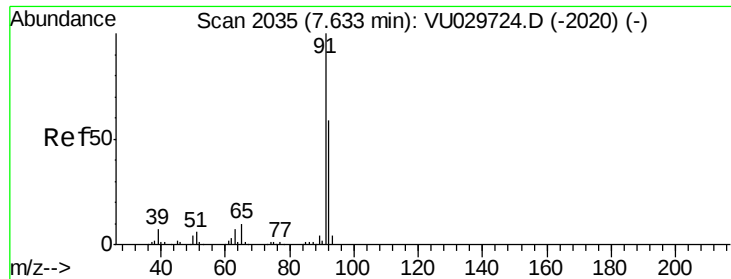
77 57.3 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#42

Toluene

Concen: 1.295 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029734.D

Acq: 28 Feb 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

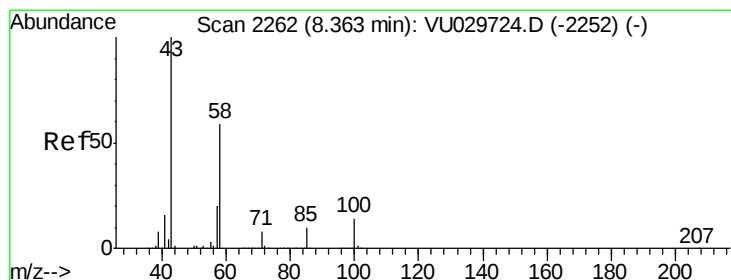
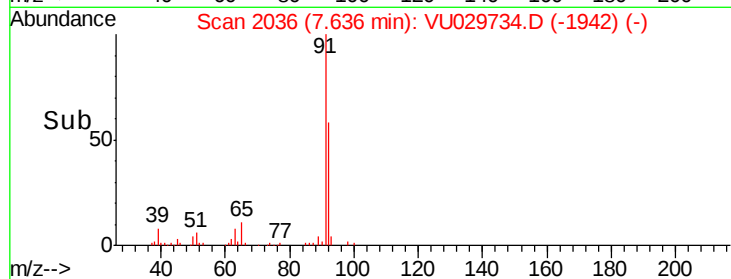
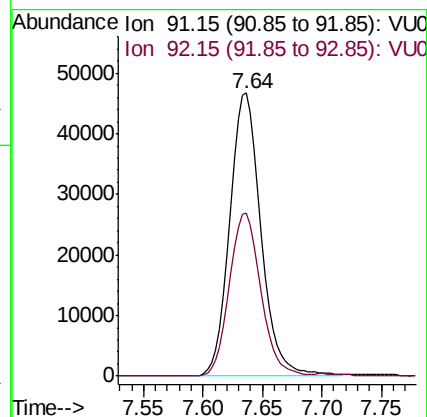
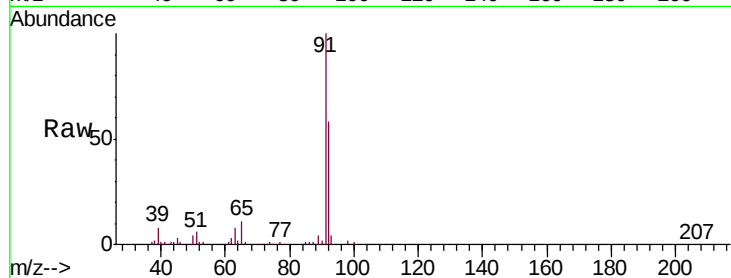
CWJX0

Tgt Ion: 91 Resp: 85258

Ion Ratio Lower Upper

91 100

92 57.6 40.1 74.5



#48

2-Hexanone

Concen: 3.566 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU029734.D

Acq: 28 Feb 2019 13:42

Tgt Ion: 43 Resp: 21430

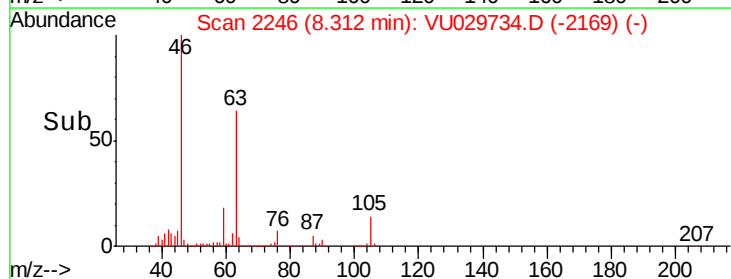
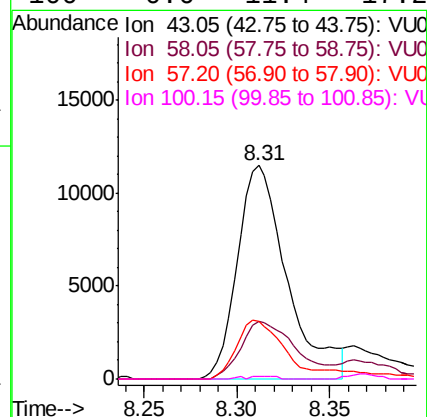
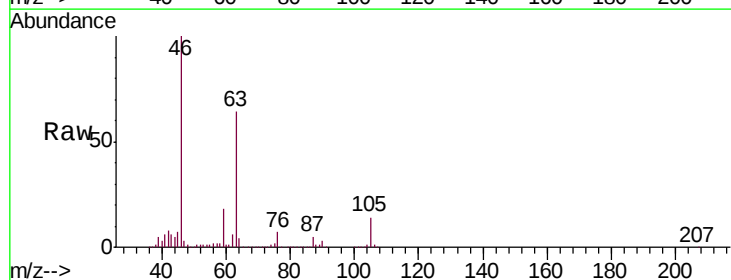
Ion Ratio Lower Upper

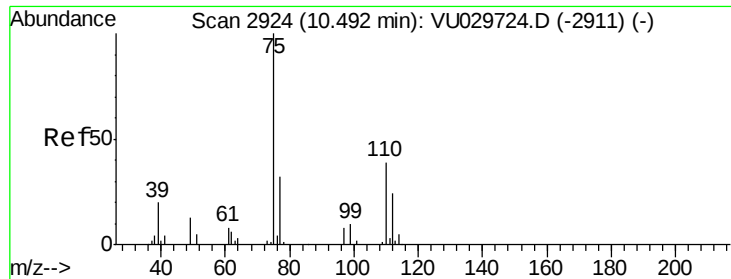
43 100

58 29.8 46.6 69.8#

57 30.8 15.9 23.9#

100 0.6 11.4 17.2#





#59

1,2,3-Trichloropropane

Concen: 1.225 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029734.D

Acq: 28 Feb 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

CWJX0

Tgt Ion: 75 Resp: 11964

Ion Ratio Lower Upper

75 100

77 35.9 25.6 38.4

