

Data File : VU029443.D
Acq On : 13 Feb 2019 14:57
Operator : JC/SP
Sample : K1436-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 14 00:21:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 14 00:18:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	199611	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105108	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62392	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	58495	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.27	63	97973	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.21	46	148329	53.19	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	4.64	84	94561	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.31	65	56947	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.34	84	229598	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.33	67	67174	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.56	98	226416	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.85	79	29087	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.31	63	149854	53.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58181	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	98882	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

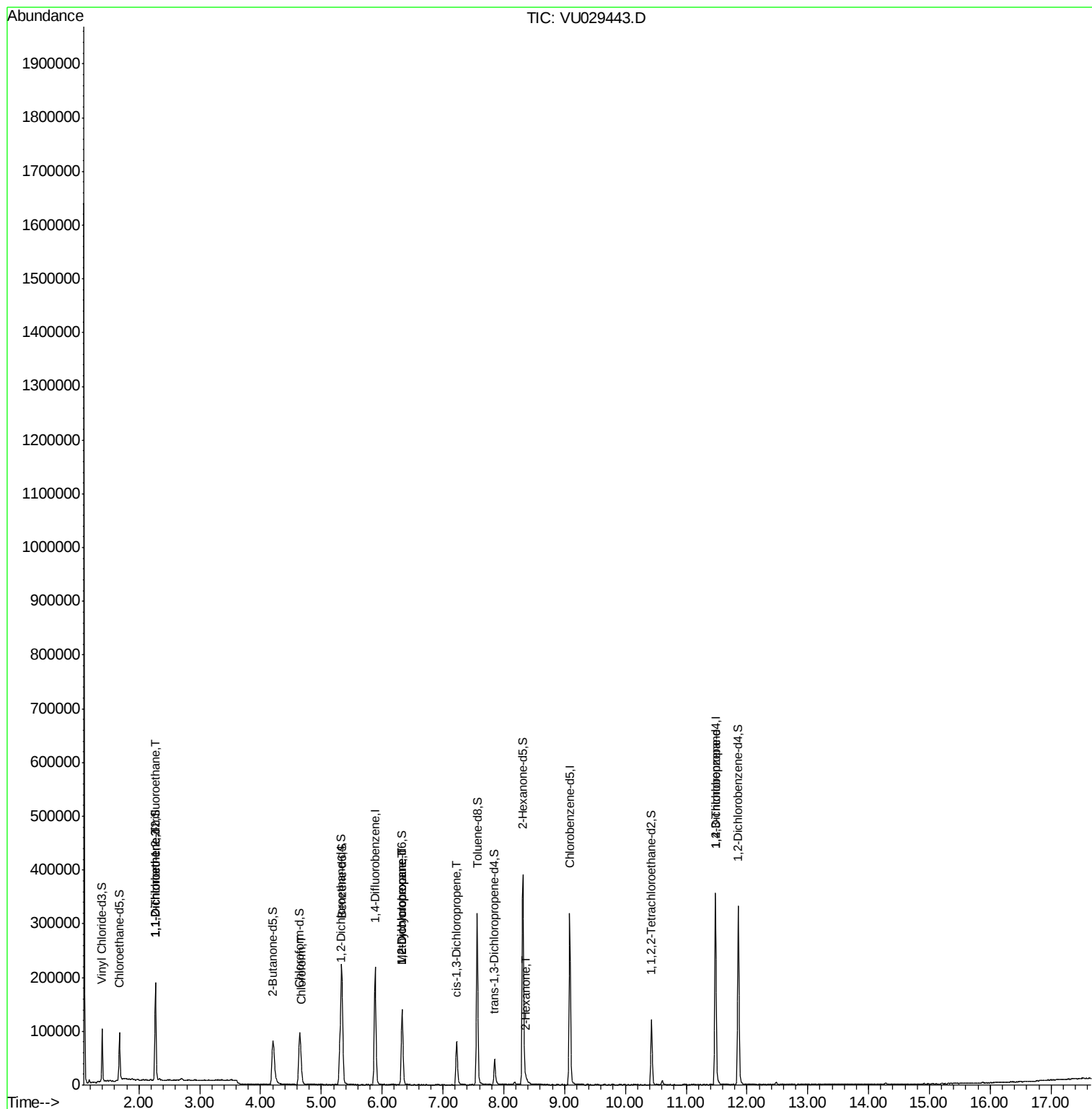
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1020	0.059	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1103	0.067	ug/L #	1
25) Chloroform	4.67	83	17112	0.648	ug/L	94
35) Methylcyclohexane	6.33	83	16597	0.618	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7815	0.550	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2103	0.094	ug/L #	73
48) 2-Hexanone	8.37	43	2309	0.387	ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	10164	1.115	ug/L	97

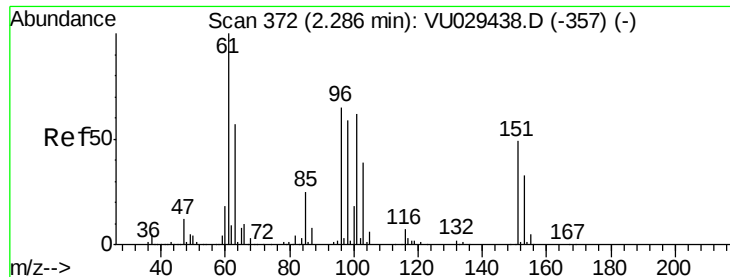
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.059 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029443.D

Acq: 13 Feb 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

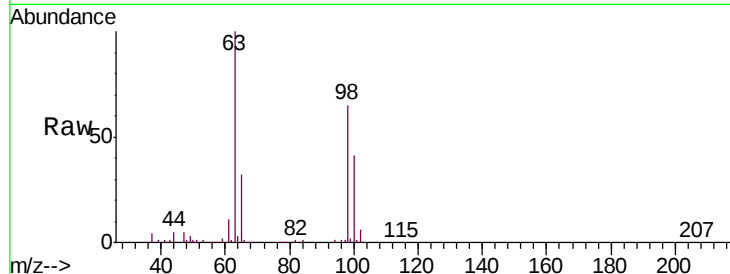
Tgt Ion:101 Resp: 1020

Ion Ratio Lower Upper

101 100

85 5.9 35.1 52.7#

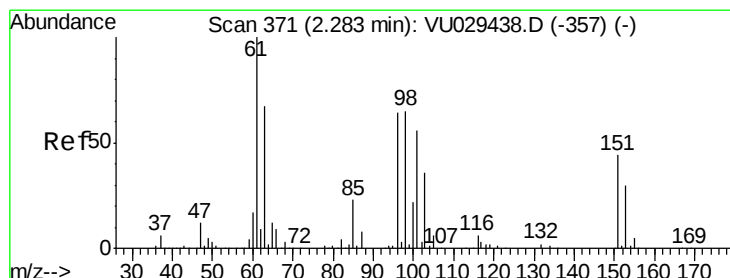
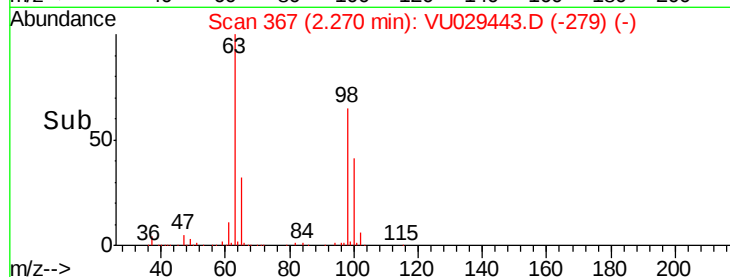
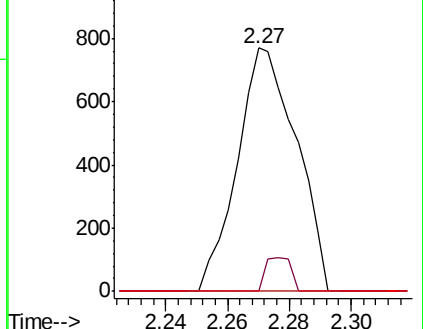
151 0.0 67.0 100.6#



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: 0.067 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029443.D

Acq: 13 Feb 2019 14:57

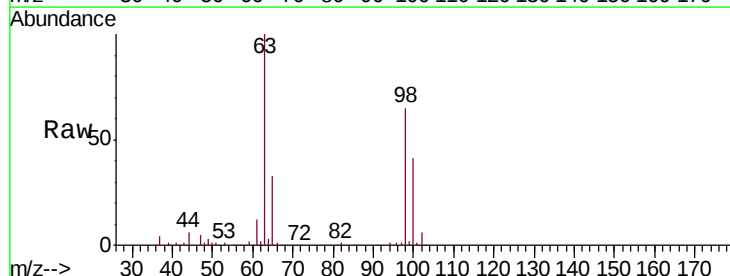
Tgt Ion: 96 Resp: 1103

Ion Ratio Lower Upper

96 100

61 1143.8 115.1 213.7#

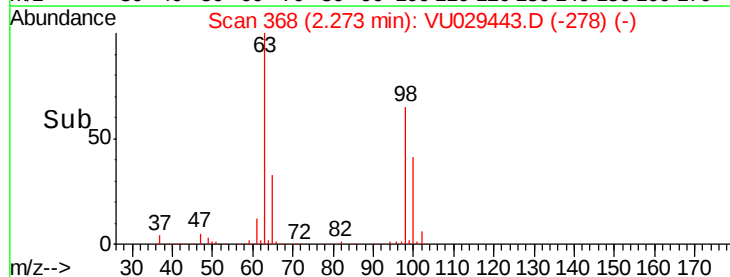
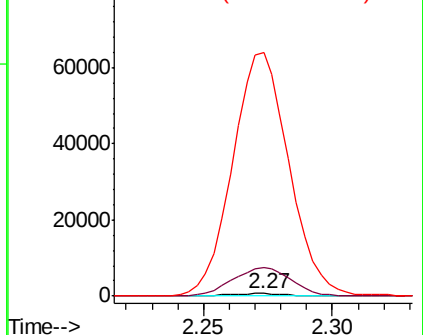
63 9588.0 83.5 155.1#

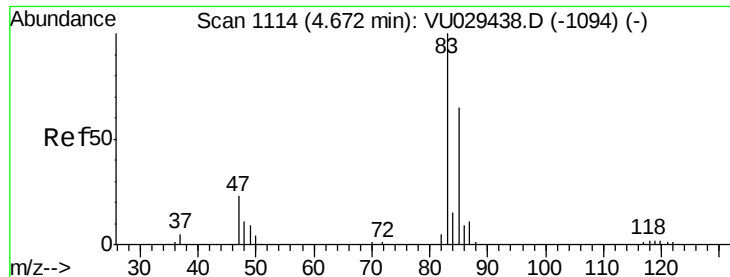


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

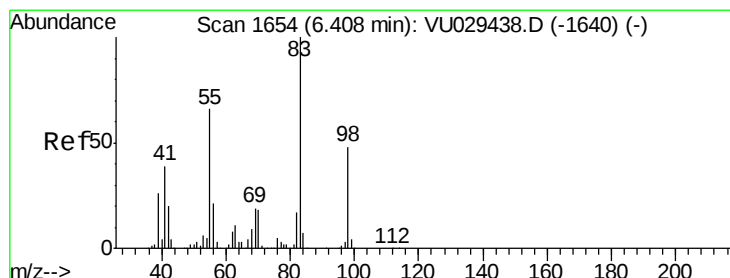
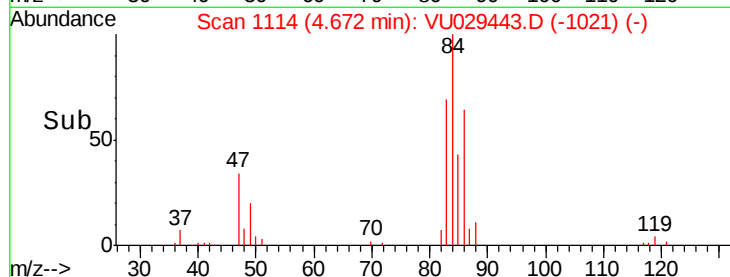
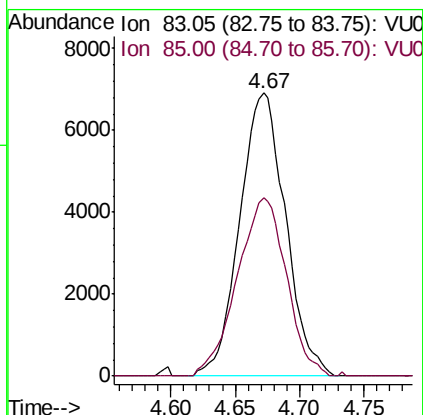
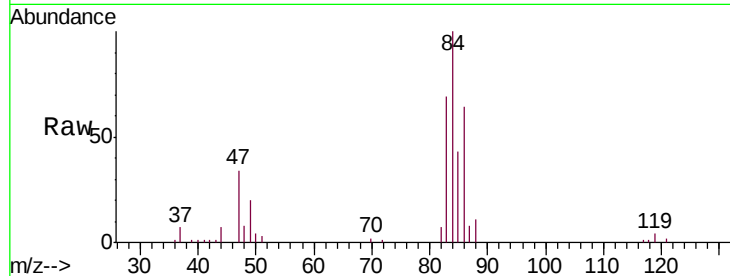




#25
Chloroform
Concen: 0.648 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
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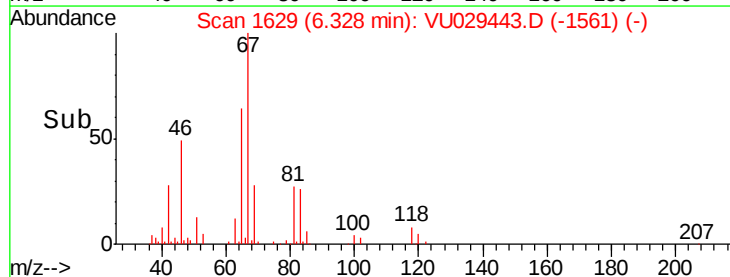
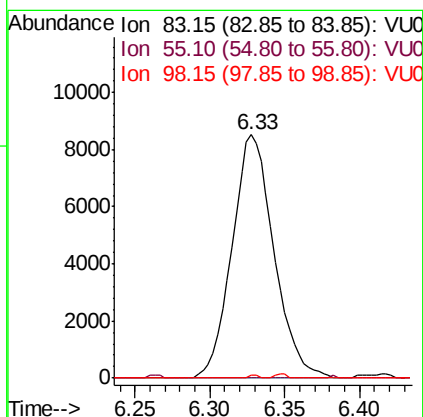
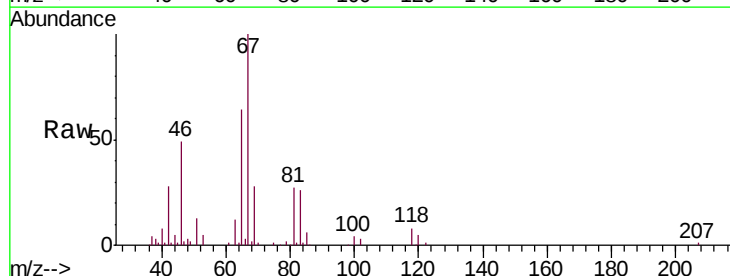
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

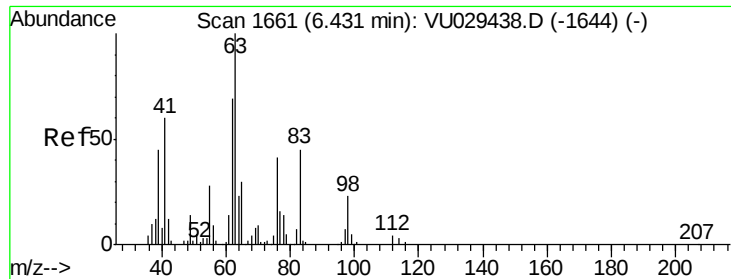
Tgt Ion: 83 Resp: 17112
Ion Ratio Lower Upper
83 100
85 63.1 47.8 88.8



#35
Methylcyclohexane
Concen: 0.618 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029443.D
Acq: 13 Feb 2019 14:57

Tgt Ion: 83 Resp: 16597
Ion Ratio Lower Upper
83 100
55 0.4 55.9 83.9#
98 0.3 38.6 57.8#





#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029443.D

Acq: 13 Feb 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

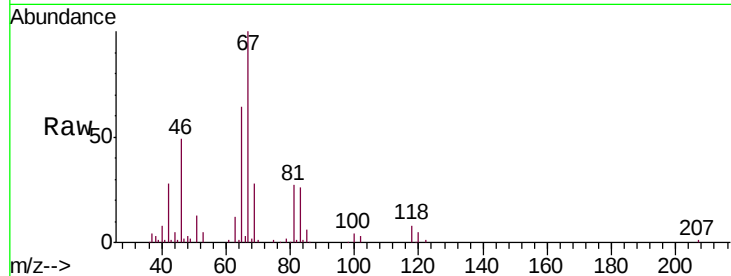
VHBLK01

Tgt Ion: 63 Resp: 7815

Ion Ratio Lower Upper

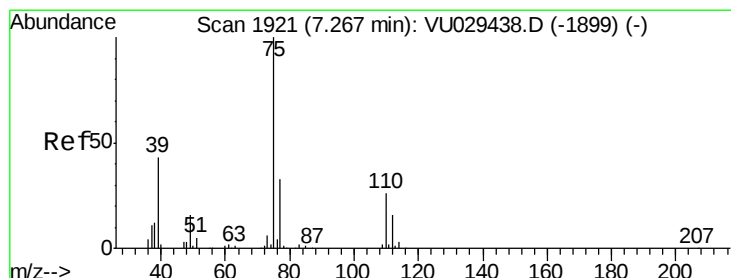
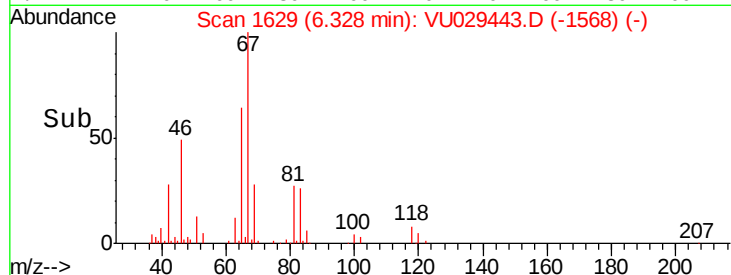
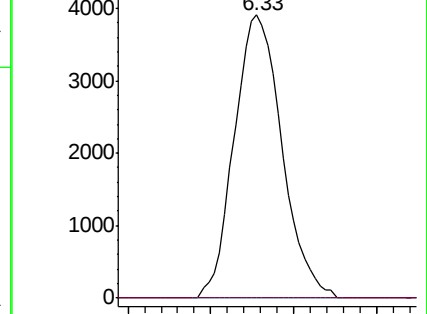
63 100

112 0.0 3.5 5.3#



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: 0.094 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU029443.D

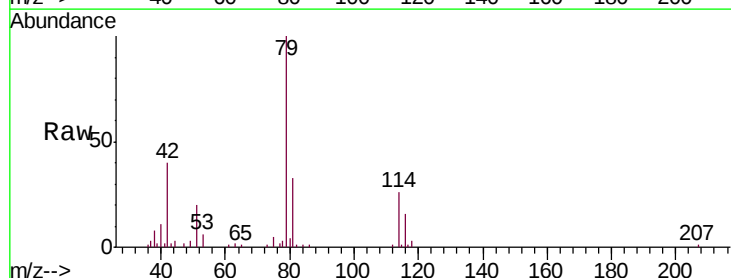
Acq: 13 Feb 2019 14:57

Tgt Ion: 75 Resp: 2103

Ion Ratio Lower Upper

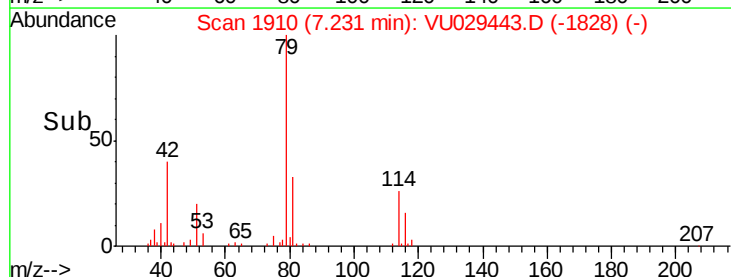
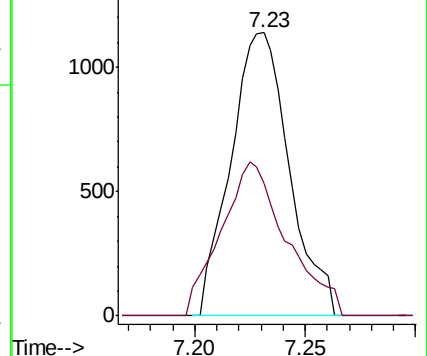
75 100

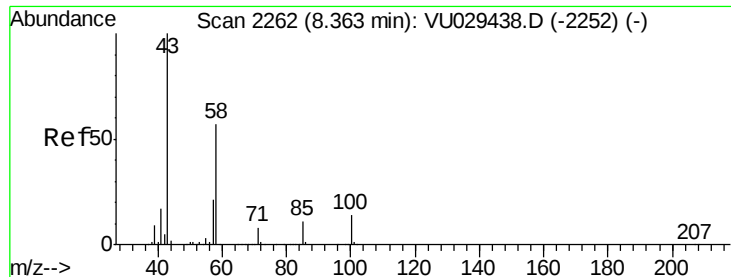
77 46.9 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

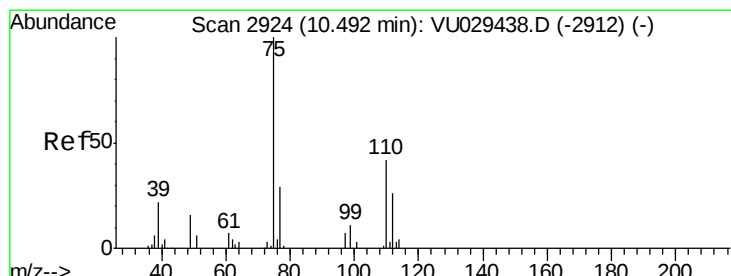
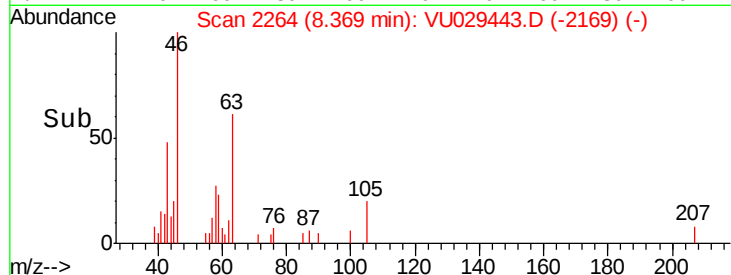
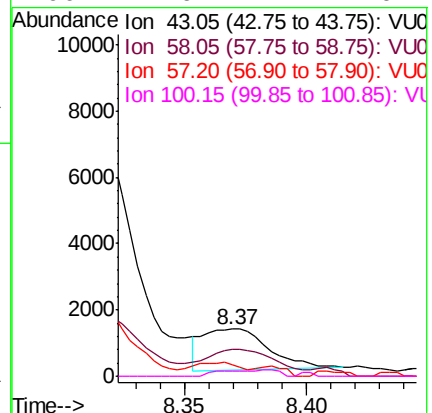
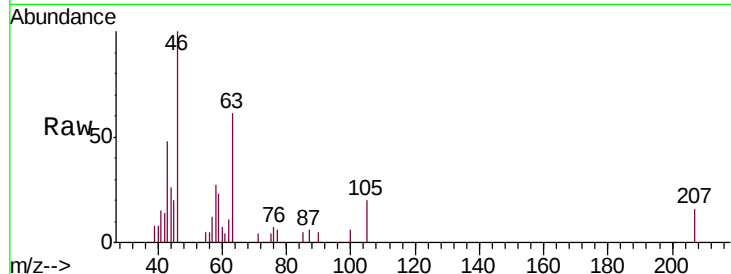




#48
 2-Hexanone
 Concen: 0.387 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU029443.D
 Acq: 13 Feb 2019 14:57

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 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 2309
 Ion Ratio Lower Upper
 43 100
 58 70.9 45.7 68.5#
 57 24.8 16.4 24.6#
 100 7.6 11.1 16.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.115 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029443.D
 Acq: 13 Feb 2019 14:57

Tgt Ion: 75 Resp: 10164
 Ion Ratio Lower Upper
 75 100
 77 37.2 28.2 42.2

