

Data File : VU029596.D
Acq On : 21 Feb 2019 14:25
Operator : JC/SP
Sample : K1522-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 22 03:13:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 03:07:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	250416	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	240565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	123333	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73619	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.68	69	71161	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.27	63	124837	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.19	46	184040	49.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.54%
24) Chloroform-d	4.65	84	129488	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.31	65	73126	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.34	84	297500	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	89750	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.56	98	280598	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	33420	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.31	63	185112	51.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74150	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	120554	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

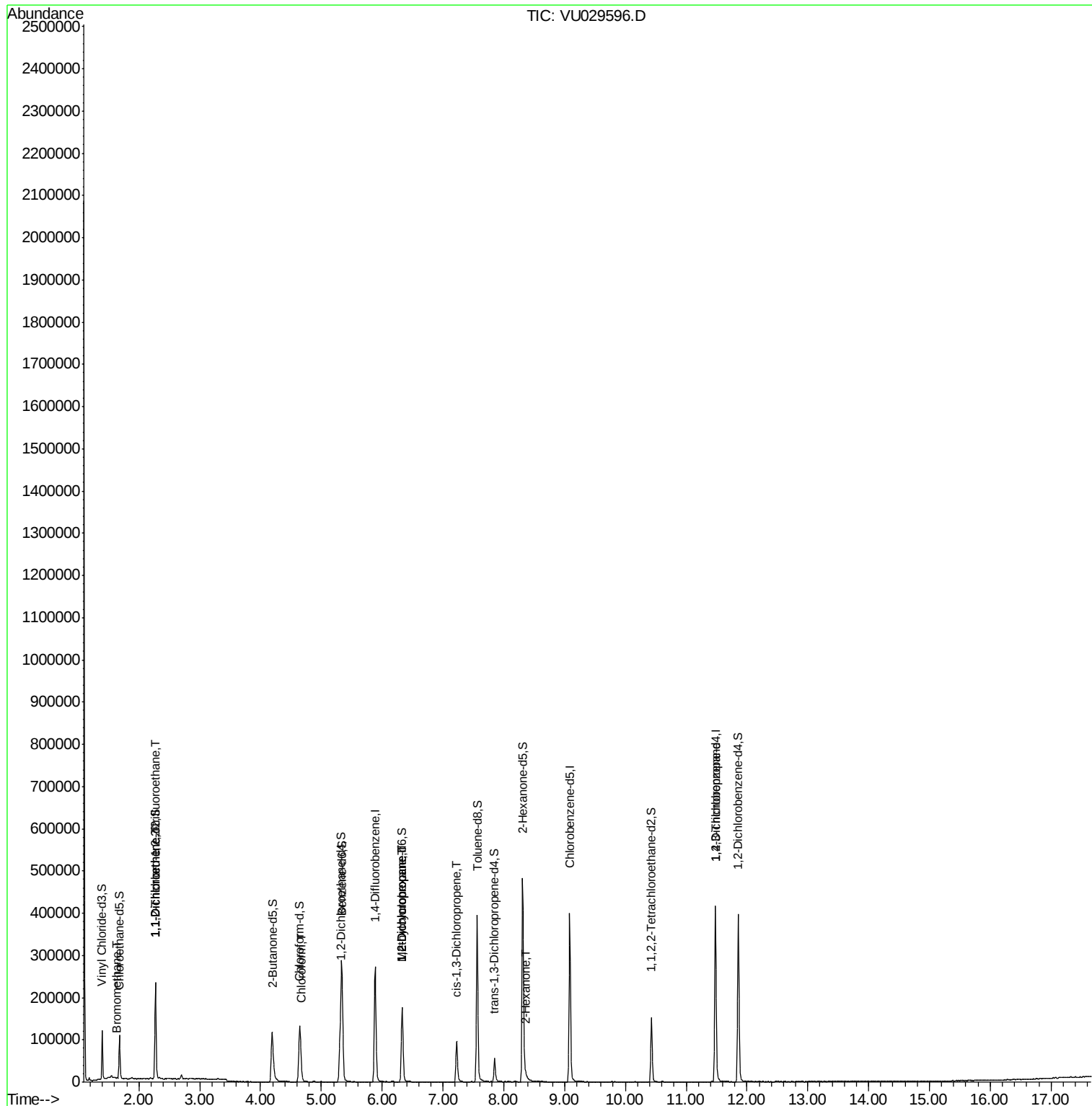
					Qvalue	
6) Bromomethane	1.63	94	528	0.045	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1174	0.060	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1091	0.059	ug/L #	1
25) Chloroform	4.67	83	11875	0.377	ug/L	95
35) Methylcyclohexane	6.33	83	20772	0.722	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9813	0.613	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2708	0.116	ug/L #	69
48) 2-Hexanone	8.36	43	5467	0.830	ug/L #	56
59) 1,2,3-Trichloropropane	11.48	75	11601	1.085	ug/L	89

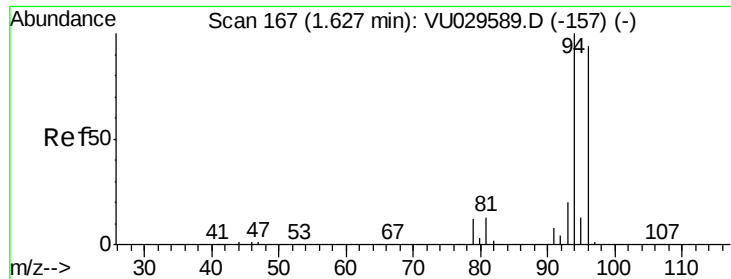
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.045 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.00 min

Lab File: VU029596.D

Acq: 21 Feb 2019 14:25

Instrument :

MSVOA_U

ClientSampled :

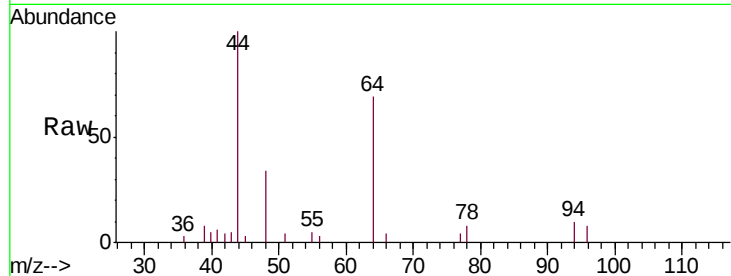
VHBLK01

Tgt Ion: 94 Resp: 528

Ion Ratio Lower Upper

94 100

96 81.8 66.0 122.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.63

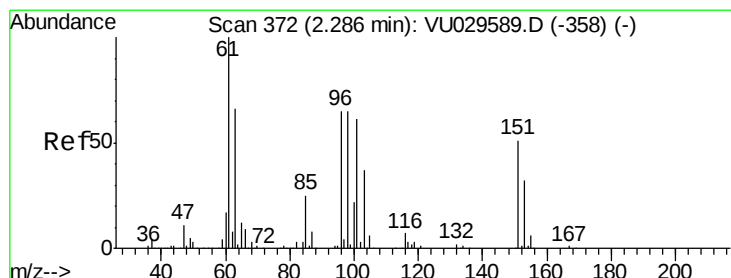
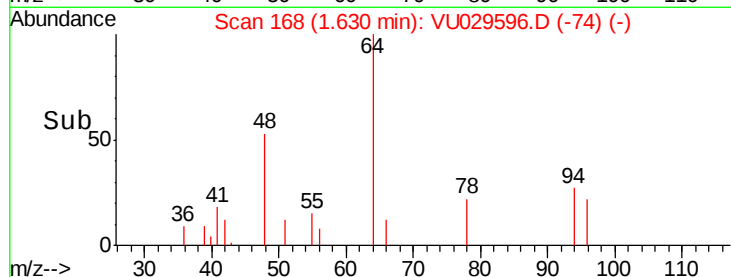
300

200

100

0

Time-->



#10

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

Concen: 0.060 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029596.D

Acq: 21 Feb 2019 14:25

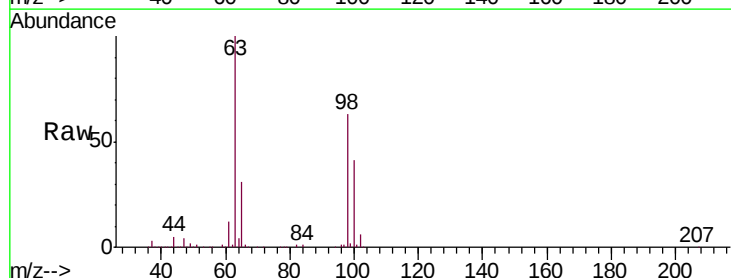
Tgt Ion:101 Resp: 1174

Ion Ratio Lower Upper

101 100

85 2.0 32.8 49.2#

151 3.7 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

1000

800

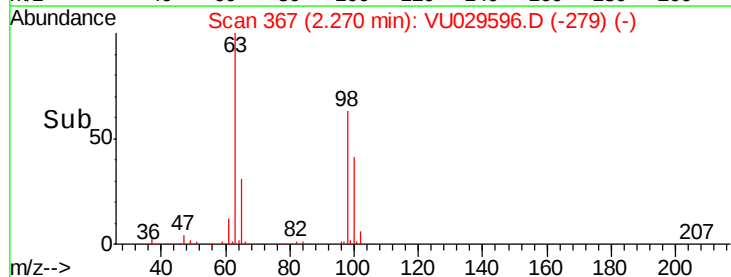
600

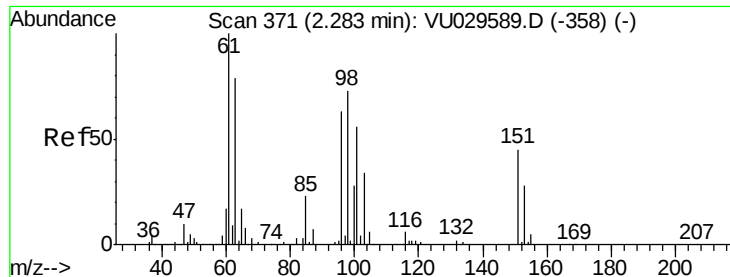
400

200

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.059 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029596.D

Acq: 21 Feb 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

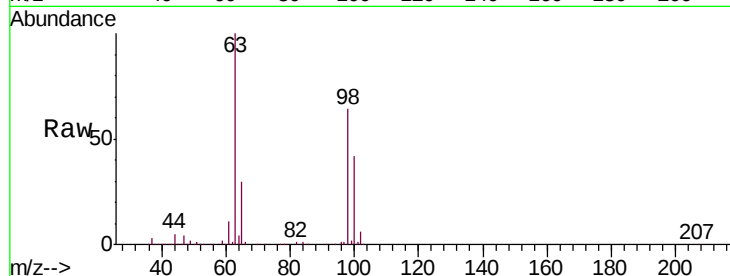
Tgt Ion: 96 Resp: 1091

Ion Ratio Lower Upper

96 100

61 1422.2 111.3 206.7#

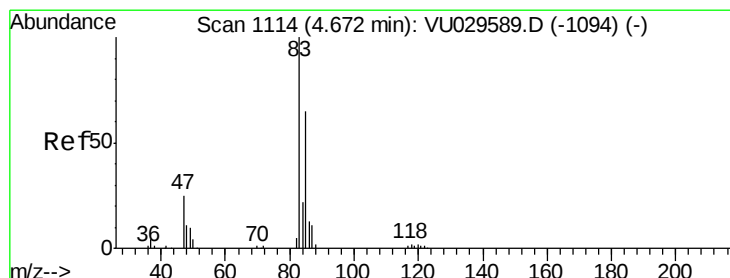
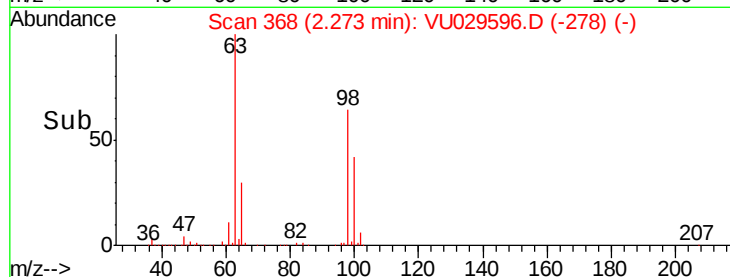
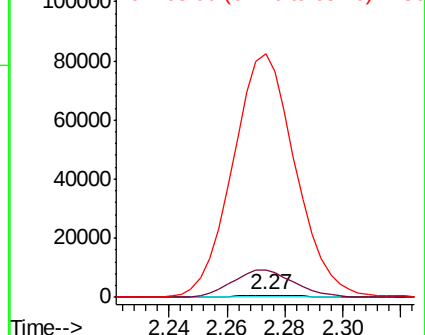
63 12539.4 88.5 164.3#



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



#25

Chloroform

Concen: 0.377 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029596.D

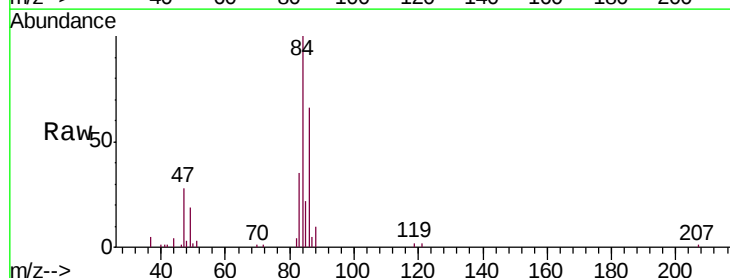
Acq: 21 Feb 2019 14:25

Tgt Ion: 83 Resp: 11875

Ion Ratio Lower Upper

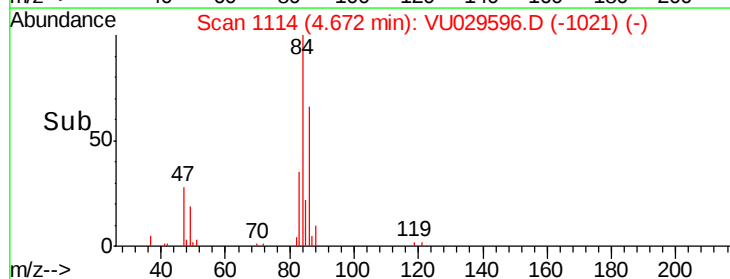
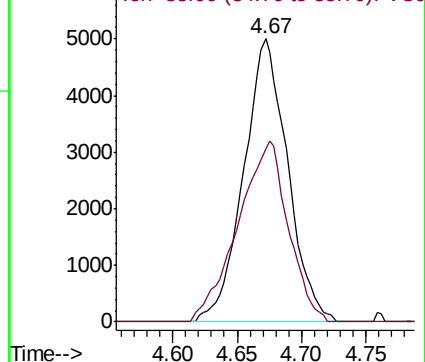
83 100

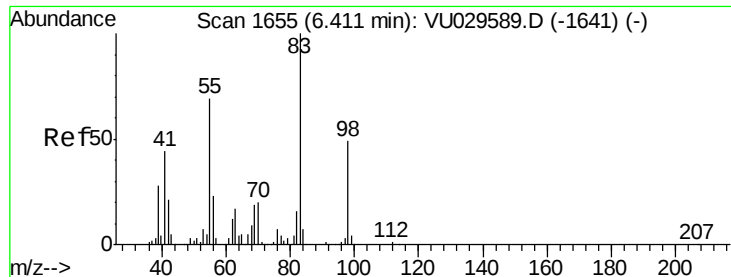
85 61.2 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029596.D

Acq: 21 Feb 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

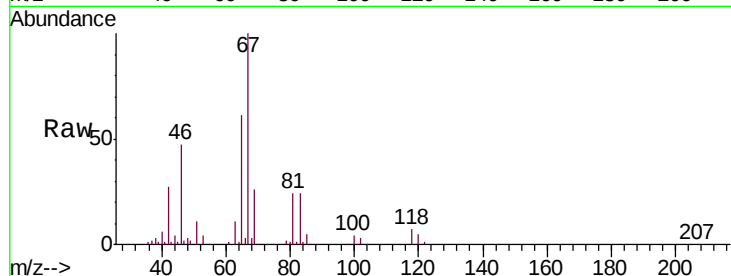
Tgt Ion: 83 Resp: 20772

Ion Ratio Lower Upper

83 100

55 0.5 56.5 84.7#

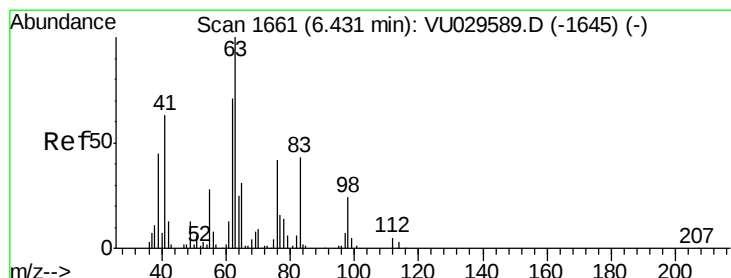
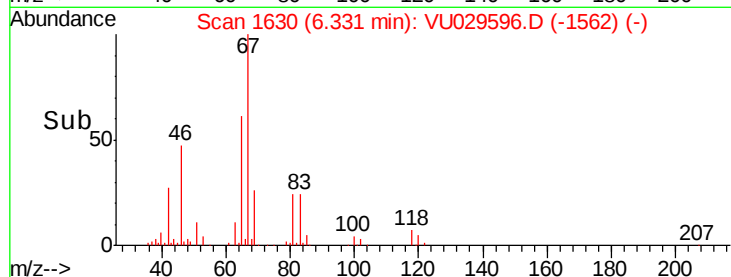
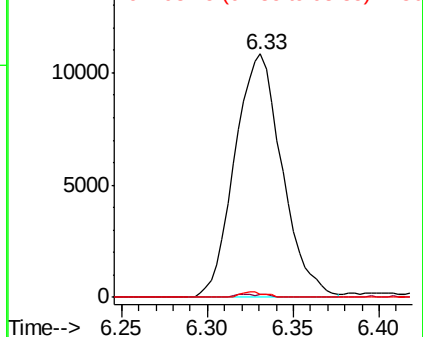
98 1.1 39.4 59.2#



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: 0.613 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU029596.D

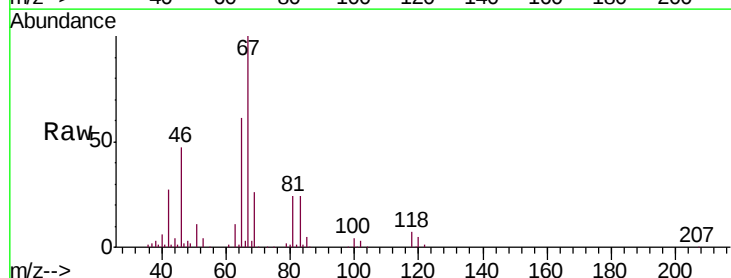
Acq: 21 Feb 2019 14:25

Tgt Ion: 63 Resp: 9813

Ion Ratio Lower Upper

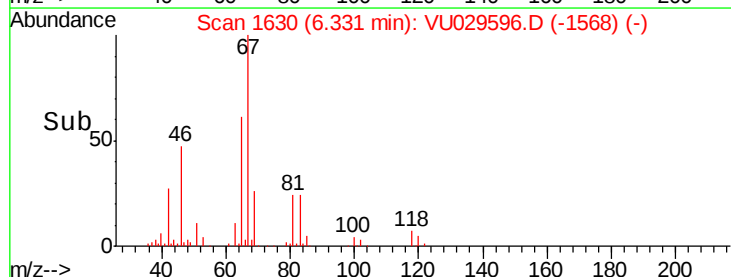
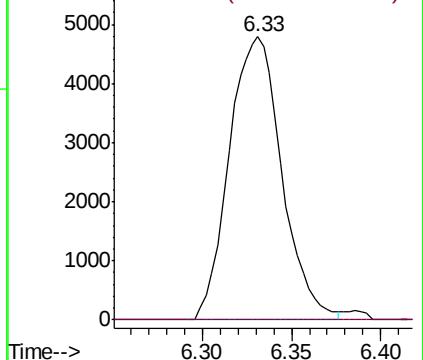
63 100

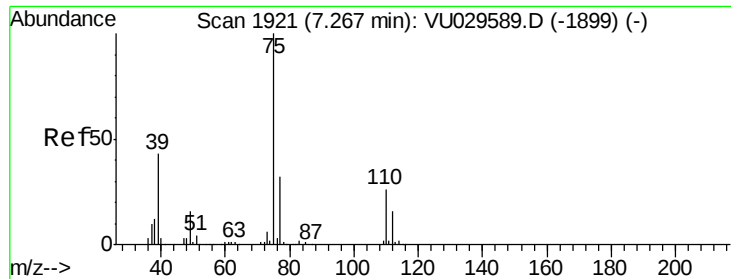
112 0.0 3.6 5.4#



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: 0.116 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029596.D

Acq: 21 Feb 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

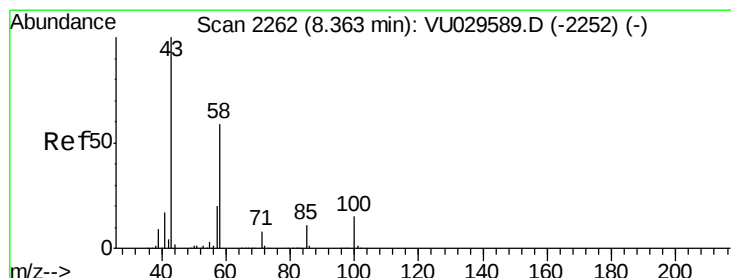
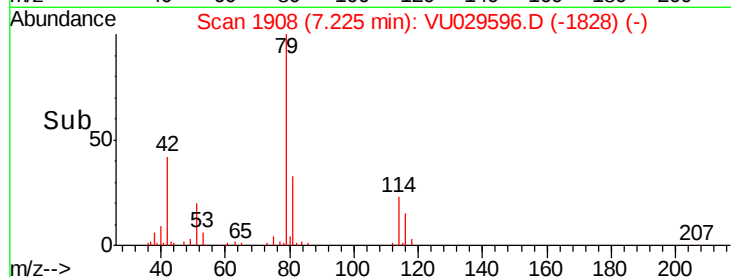
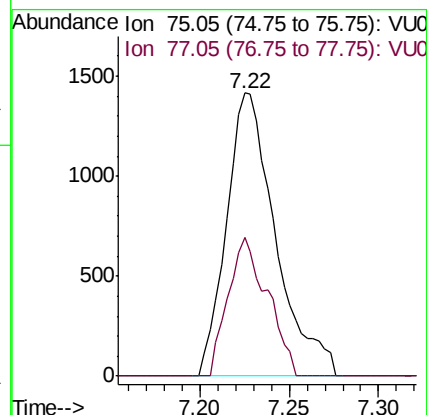
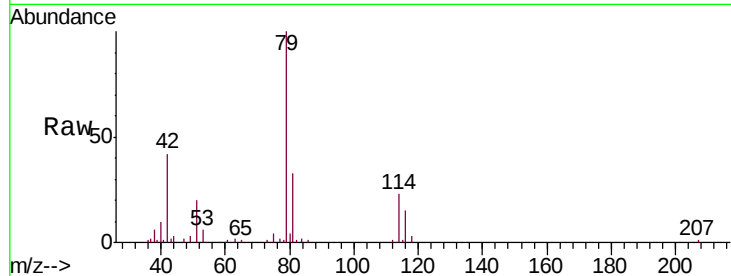
VHBLK01

Tgt Ion: 75 Resp: 2708

Ion Ratio Lower Upper

75 100

77 49.0 22.3 41.5#



#48

2-Hexanone

Concen: 0.830 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU029596.D

Acq: 21 Feb 2019 14:25

Tgt Ion: 43 Resp: 5467

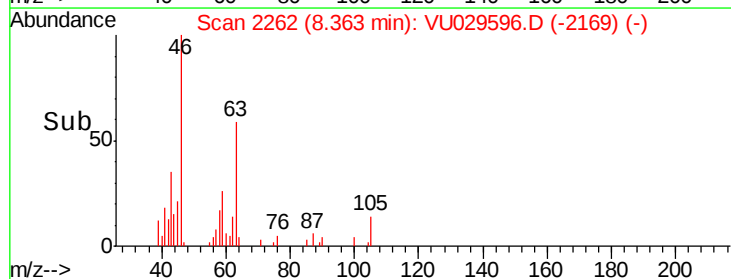
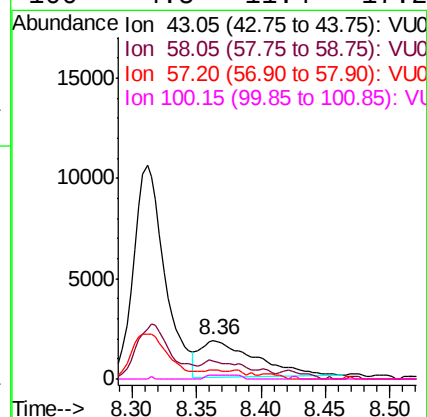
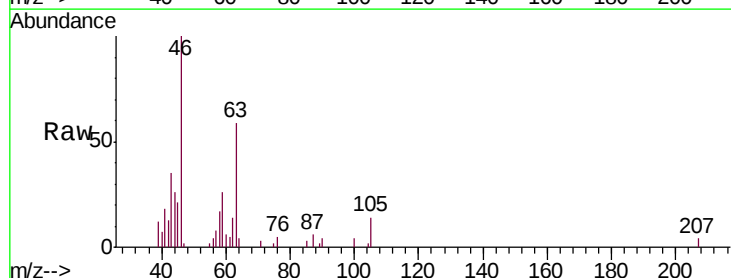
Ion Ratio Lower Upper

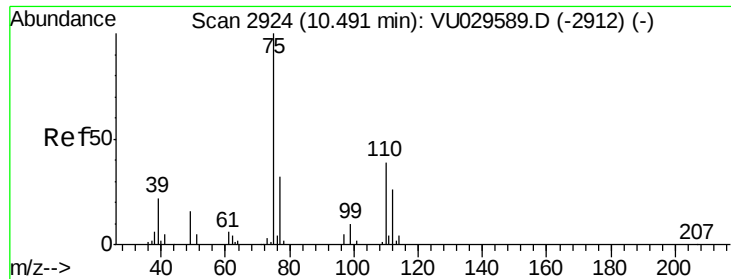
43 100

58 19.4 46.6 69.8#

57 3.6 15.9 23.9#

100 4.5 11.4 17.2#





#59

1,2,3-Trichloropropane

Concen: 1.085 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029596.D

Acq: 21 Feb 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 11601

Ion Ratio Lower Upper

75 100

77 38.3 25.6 38.4

