

Data File : VU029594.D
Acq On : 21 Feb 2019 13:37
Operator : JC/SP
Sample : K1509-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 22 03:13:03 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	245367	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	240940	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	119500	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75499	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.68	69	72691	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.27	63	122219	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.19	46	178885	49.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.74%
24) Chloroform-d	4.65	84	136084	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.31	65	73500	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.34	84	296553	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	89551	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.56	98	281192	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	32674	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.31	63	176372	48.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73843	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	117291	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

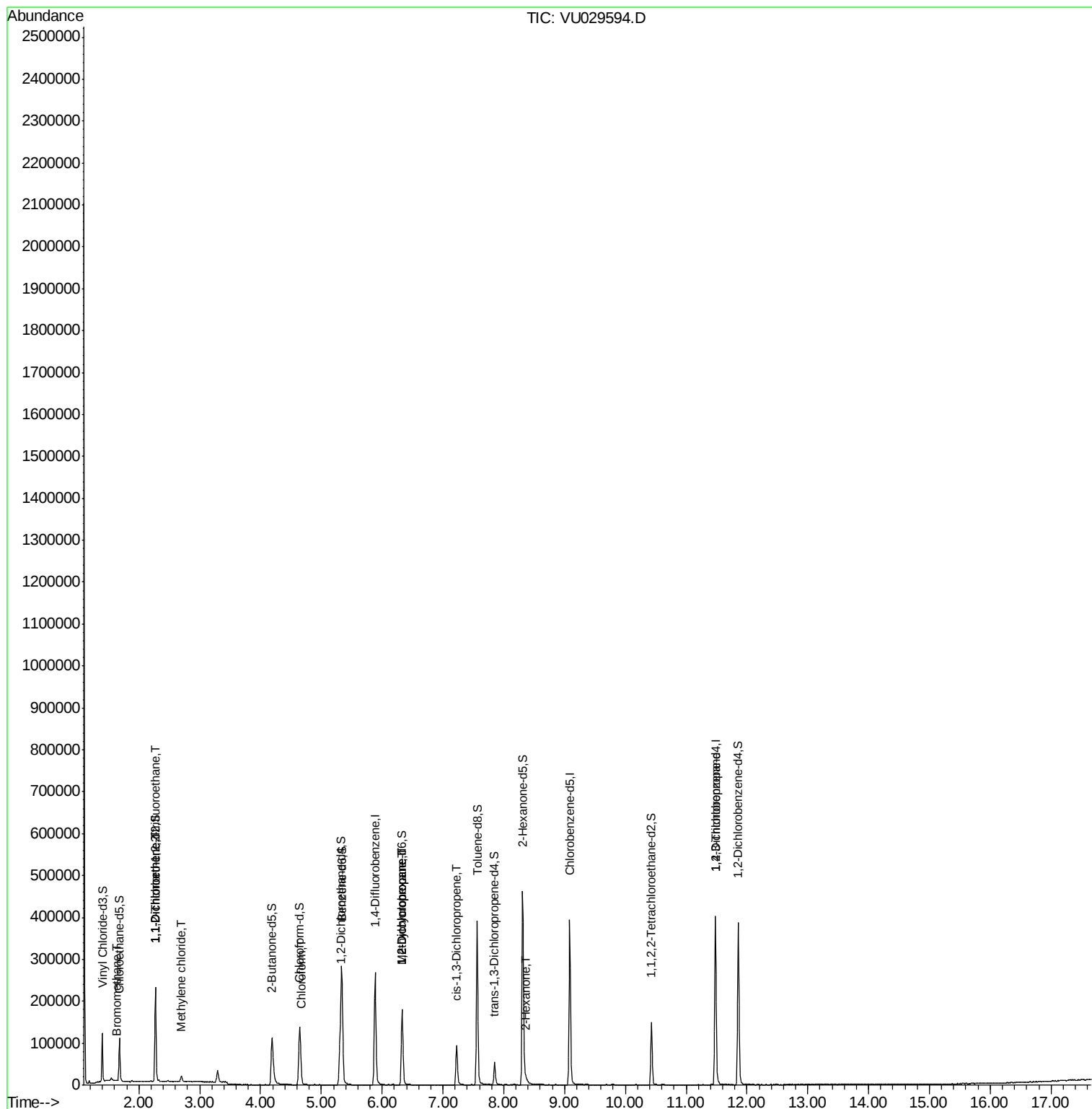
					Qvalue
6) Bromomethane	1.63	94	715	0.062 ug/L	75
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1442	0.075 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1205	0.066 ug/L #	1
16) Methylene chloride	2.70	84	6352	0.295 ug/L	91
25) Chloroform	4.67	83	4074	0.132 ug/L	98
35) Methylcyclohexane	6.33	83	20926	0.726 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9291	0.579 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2389	0.102 ug/L #	73
48) 2-Hexanone	8.37	43	5407	0.820 ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	12614	1.178 ug/L	93

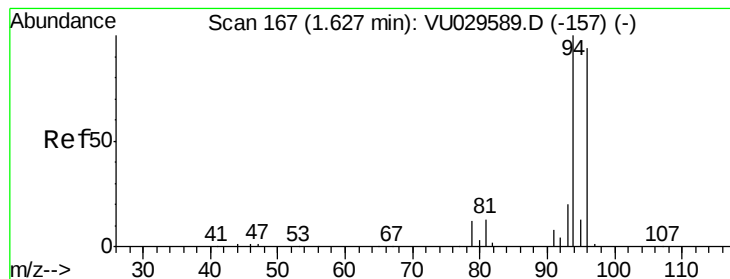
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.062 ug/L

RT: 1.63 min Scan# 169

Delta R.T. 0.01 min

Lab File: VU029594.D

Acq: 21 Feb 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

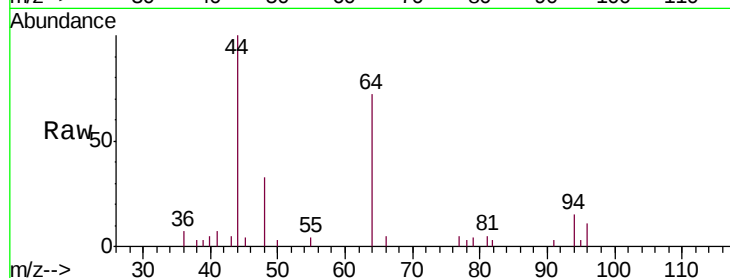
VHBLK01

Tgt Ion: 94 Resp: 715

Ion Ratio Lower Upper

94 100

96 70.2 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

600

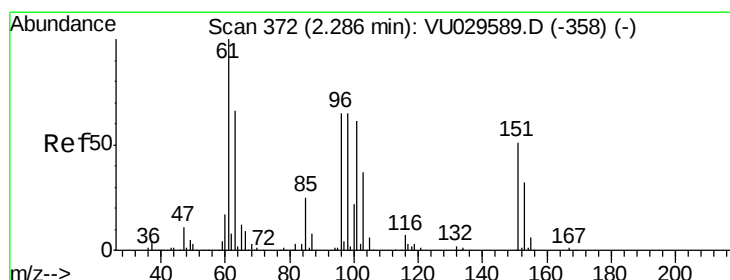
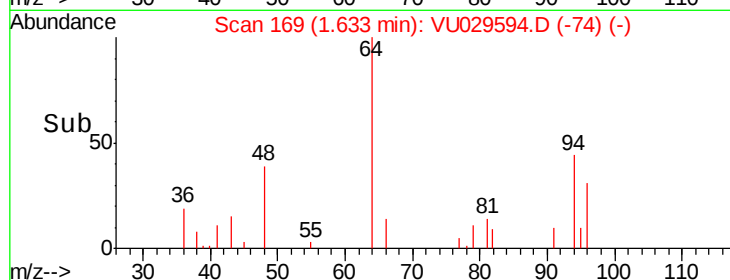
400

200

0

1.60 1.62 1.64 1.66

Time-->



#10

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

Concen: 0.075 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029594.D

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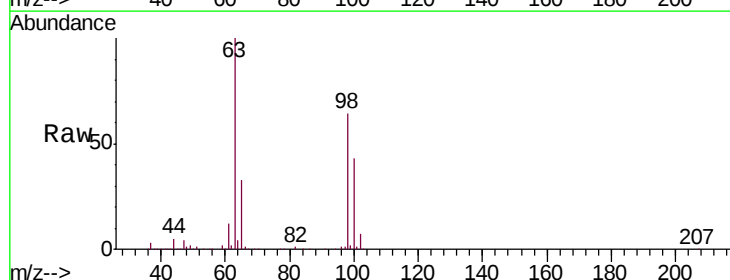
Tgt Ion:101 Resp: 1442

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 1.5 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

1200

1000

800

600

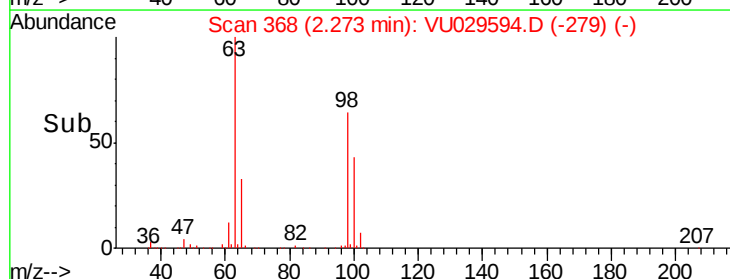
400

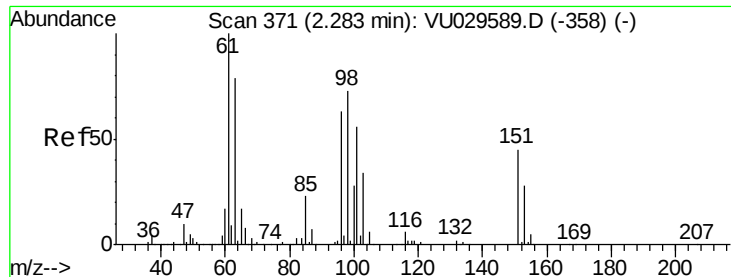
200

0

2.25 2.27 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029594.D

Acq: 21 Feb 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

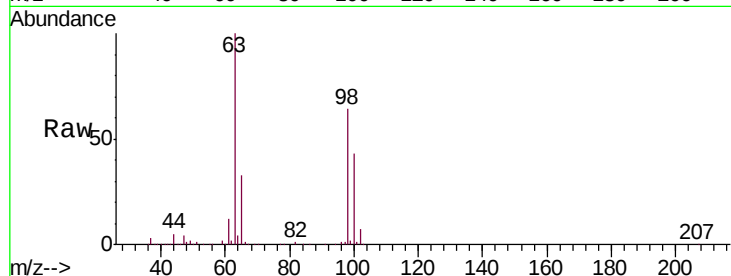
Tgt Ion: 96 Resp: 1205

Ion Ratio Lower Upper

96 100

61 1141.1 111.3 206.7#

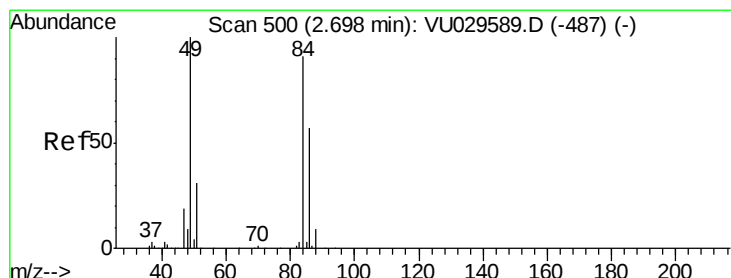
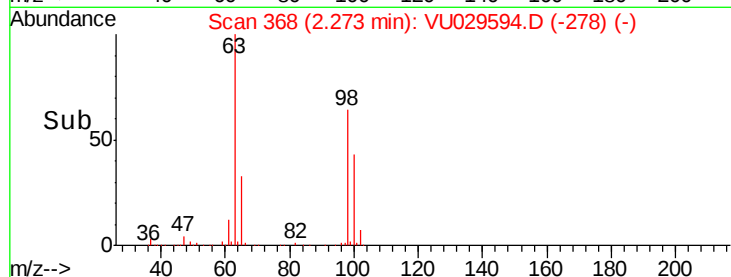
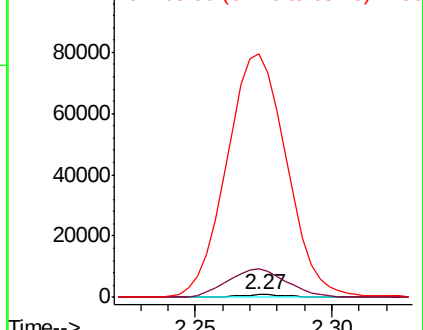
63 9739.2 88.5 164.3#



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



#16

Methylene chloride

Concen: 0.295 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU029594.D

Acq: 21 Feb 2019 13:37

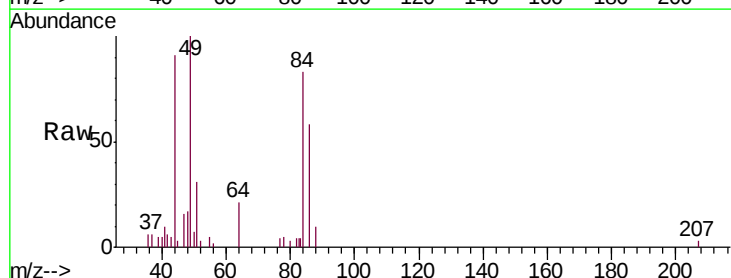
Tgt Ion: 84 Resp: 6352

Ion Ratio Lower Upper

84 100

86 69.4 44.2 82.0

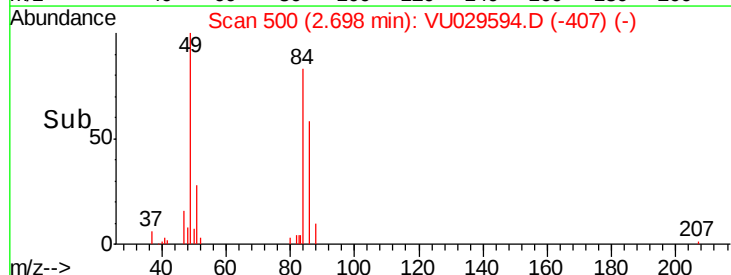
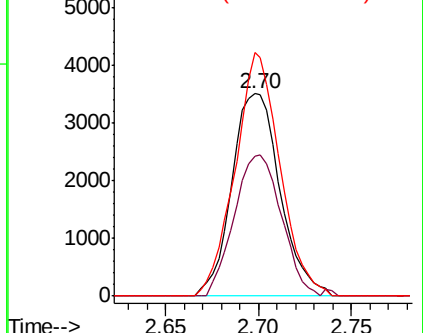
49 120.5 77.3 143.5

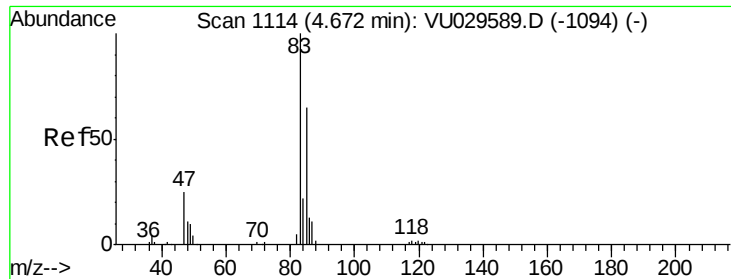


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#25

Chloroform

Concen: 0.132 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029594.D

Acq: 21 Feb 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

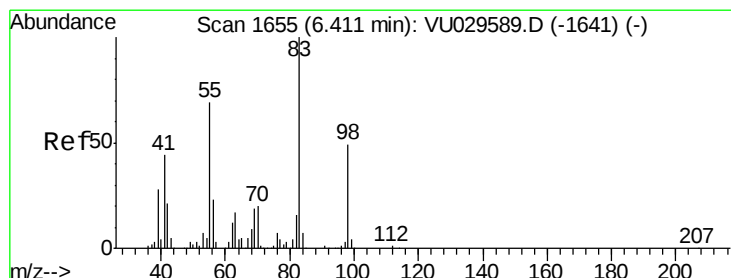
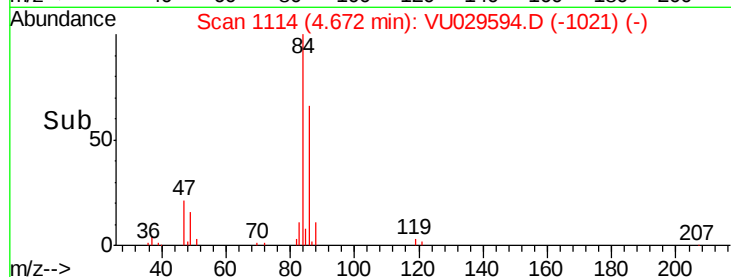
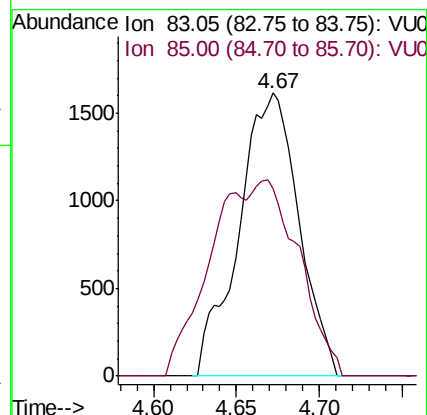
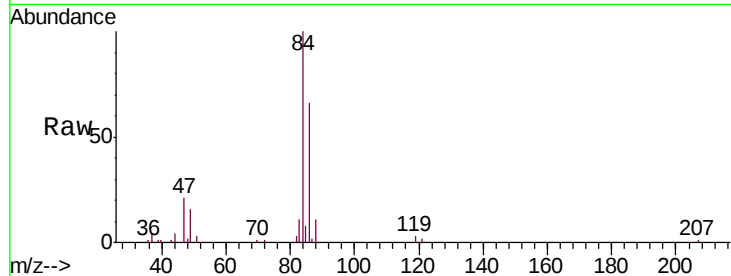
VHBLK01

Tgt Ion: 83 Resp: 4074

Ion Ratio Lower Upper

83 100

85 66.3 45.6 84.6



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029594.D

Acq: 21 Feb 2019 13:37

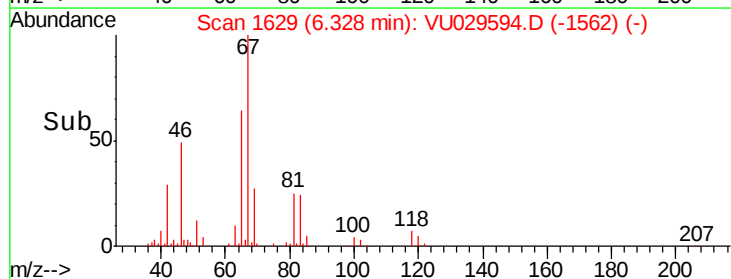
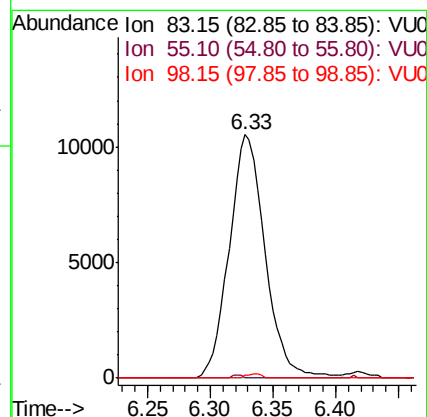
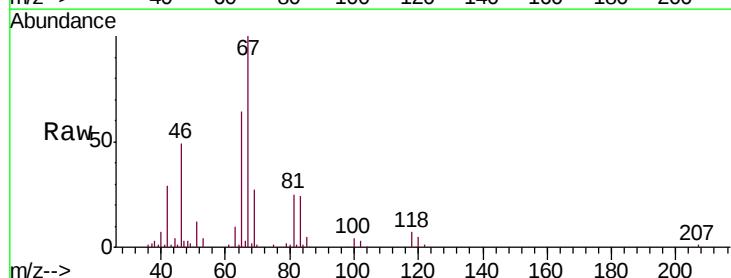
Tgt Ion: 83 Resp: 20926

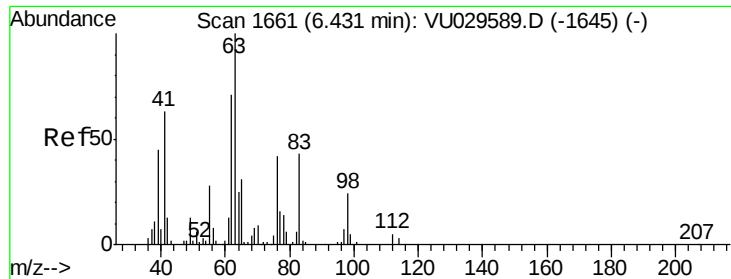
Ion Ratio Lower Upper

83 100

55 0.4 56.5 84.7#

98 0.7 39.4 59.2#

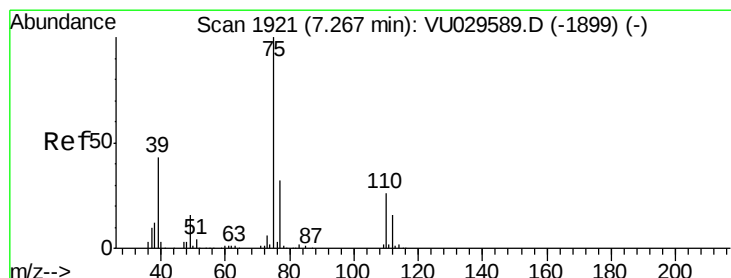
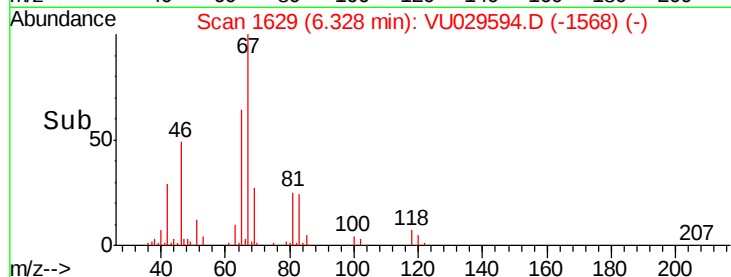
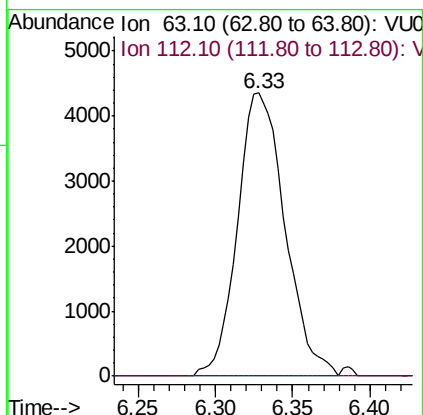
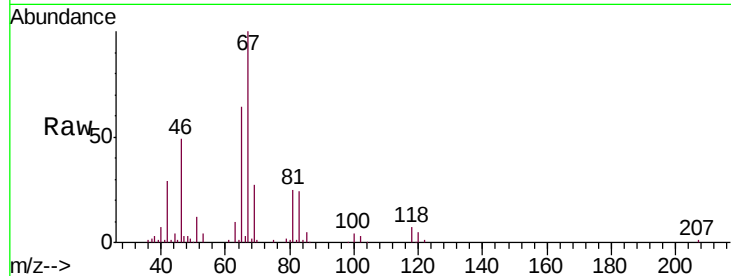




#37
 1,2-Dichloropropane
 Concen: 0.579 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029594.D
 Acq: 21 Feb 2019 13:37

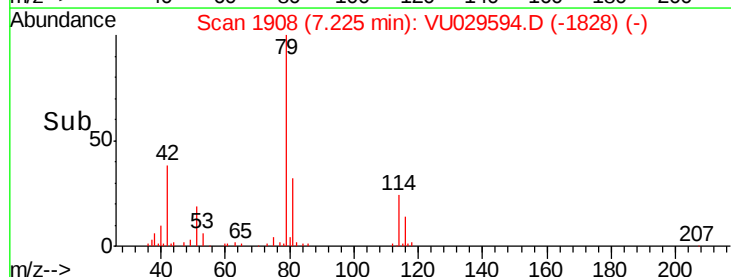
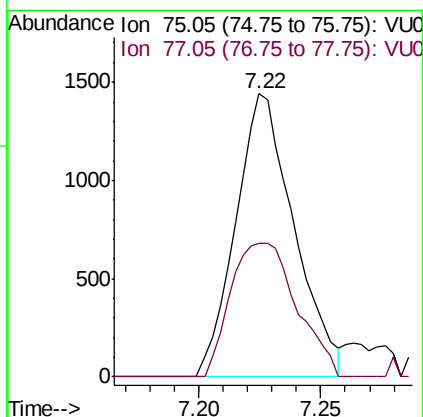
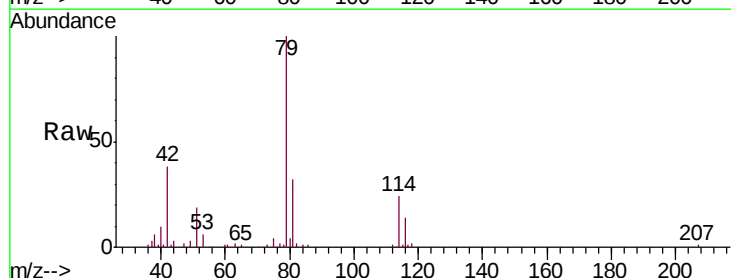
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 VHBLK01

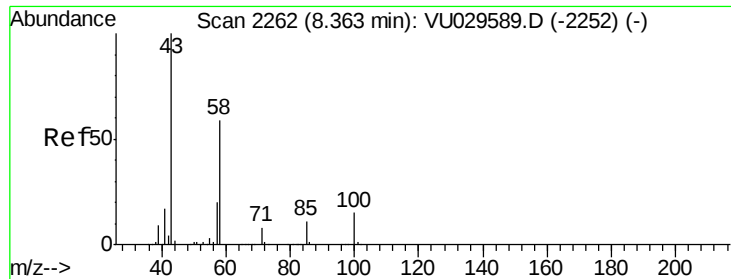
Tgt Ion: 63 Resp: 9291
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029594.D
 Acq: 21 Feb 2019 13:37

Tgt Ion: 75 Resp: 2389
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.3 41.5#

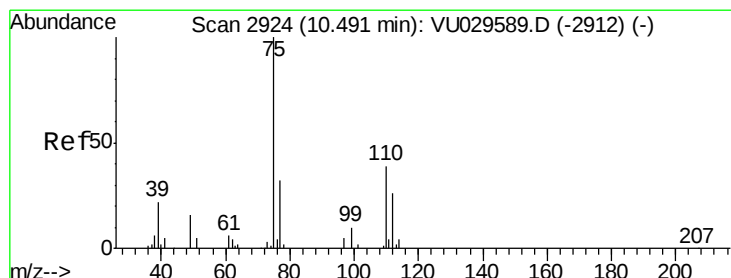
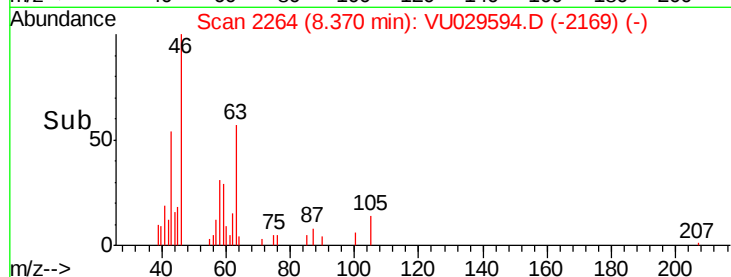
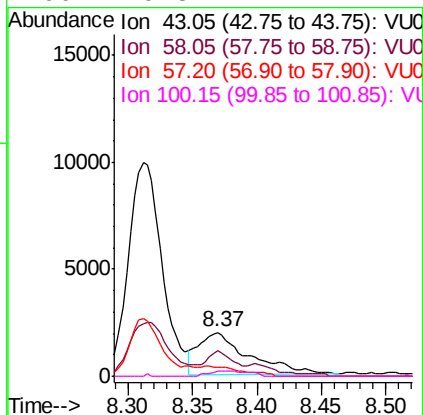
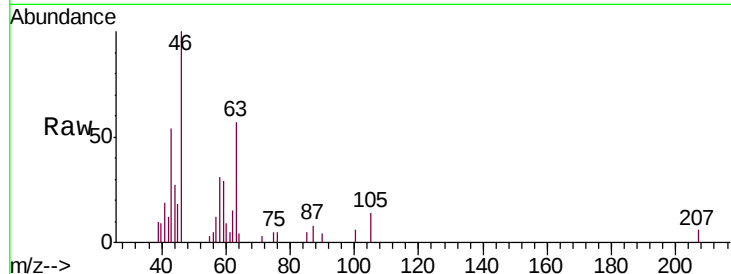




#48
 2-Hexanone
 Concen: 0.820 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU029594.D
 Acq: 21 Feb 2019 13:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 5407
 Ion Ratio Lower Upper
 43 100
 58 29.0 46.6 69.8#
 57 17.4 15.9 23.9
 100 9.8 11.4 17.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.178 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029594.D
 Acq: 21 Feb 2019 13:37

Tgt Ion: 75 Resp: 12614
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.6 38.4

