

Data File : VU029501.D
Acq On : 15 Feb 2019 17:20
Operator : JC/SP
Sample : K1436-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 16 00:17:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190521	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59213	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.68	69	59162	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.27	63	100354	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.21	46	133980	50.34	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.68%
24) Chloroform-d	4.65	84	90242	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.31	65	56202	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.34	84	219158	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.33	67	67247	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.56	98	220192	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.85	79	26828	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.31	63	139124	51.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56706	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	96331	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

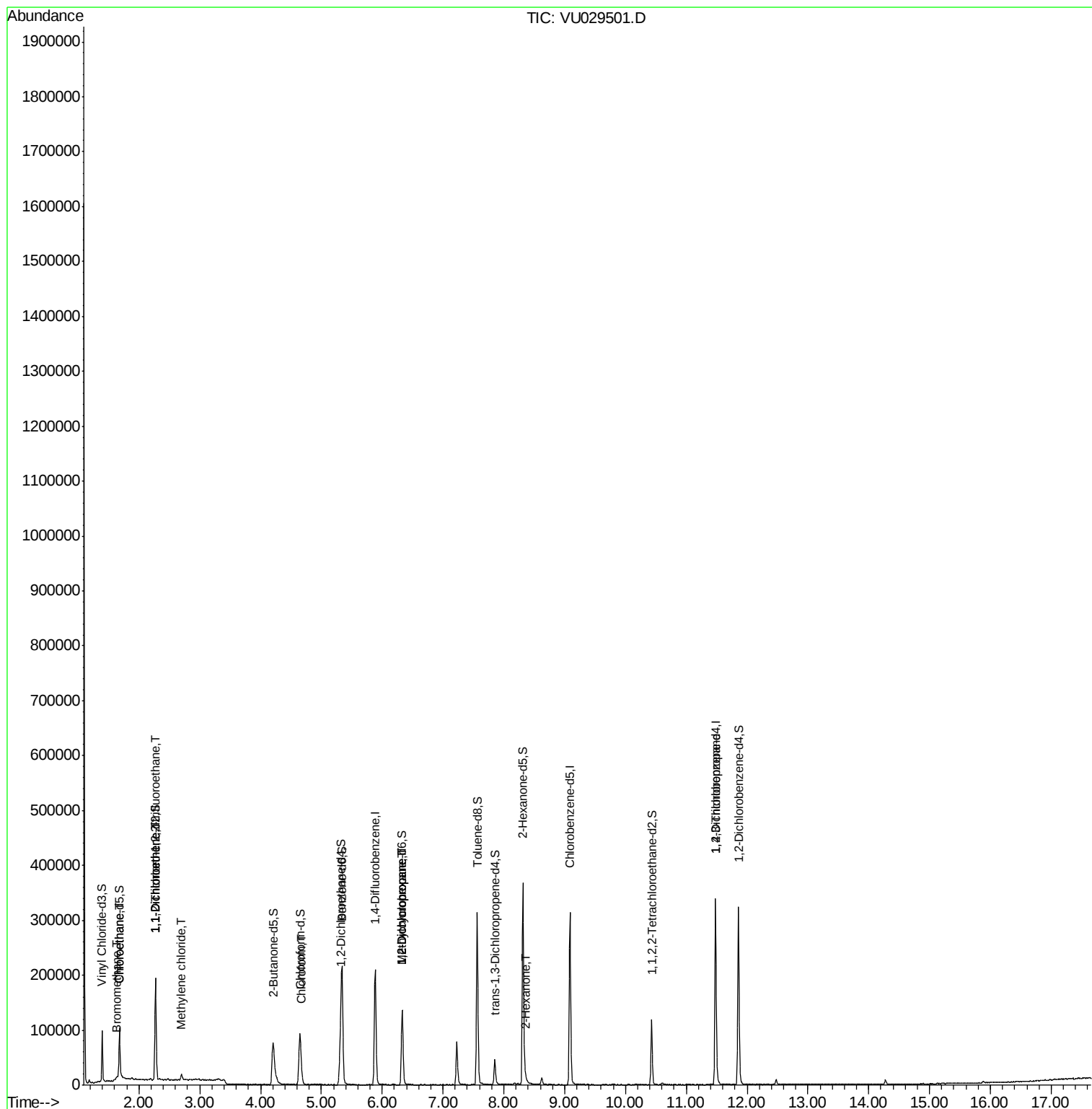
					Qvalue
6) Bromomethane	1.63	94	557	0.052 ug/L	86
8) Chloroethane	1.68	64	19298	1.615 ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	996	0.060 ug/L #	33
12) 1,1-Dichloroethene	2.28	96	1226	0.078 ug/L #	1
16) Methylene chloride	2.70	84	4444	0.252 ug/L	91
25) Chloroform	4.67	83	14146	0.561 ug/L	97
35) Methylcyclohexane	6.33	83	15945	0.619 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6960	0.511 ug/L #	87
48) 2-Hexanone	8.37	43	2174	0.380 ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	10117	1.157 ug/L	97

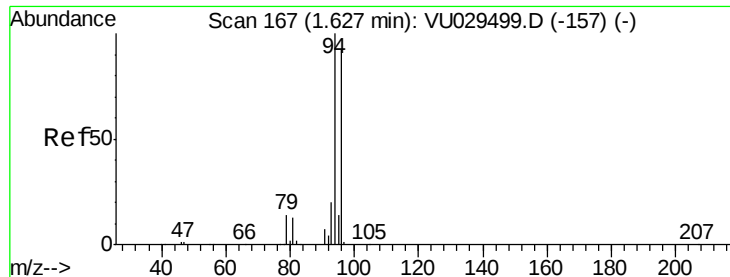
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 0.052 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.00 min

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Acq: 15 Feb 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

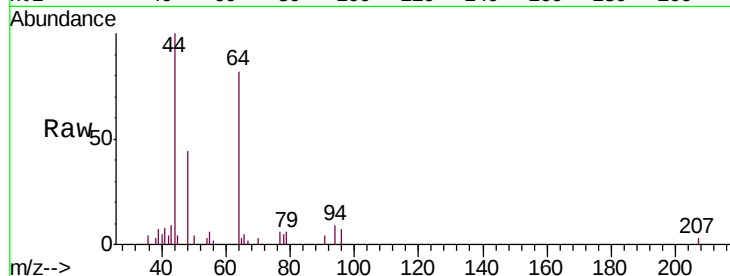
VHBLK01

Tgt Ion: 94 Resp: 557

Ion Ratio Lower Upper

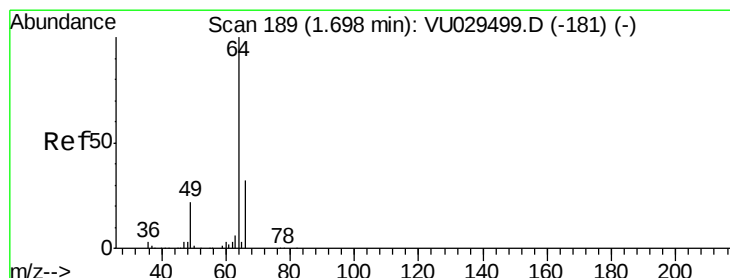
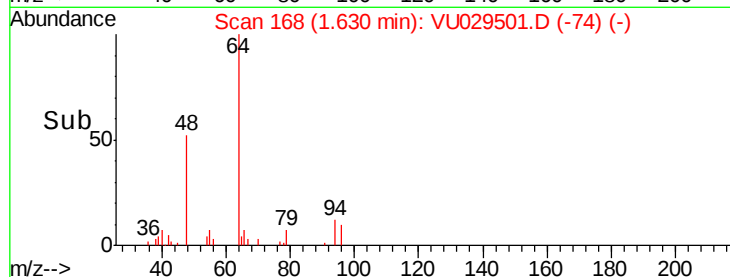
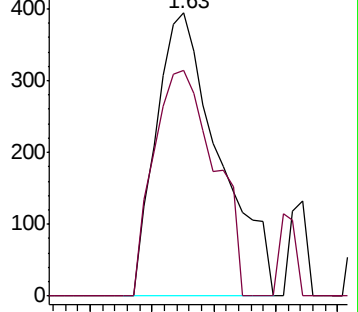
94 100

96 79.7 65.2 121.0



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#8

Chloroethane

Concen: 1.615 ug/L

RT: 1.68 min Scan# 184

Delta R.T. -0.02 min

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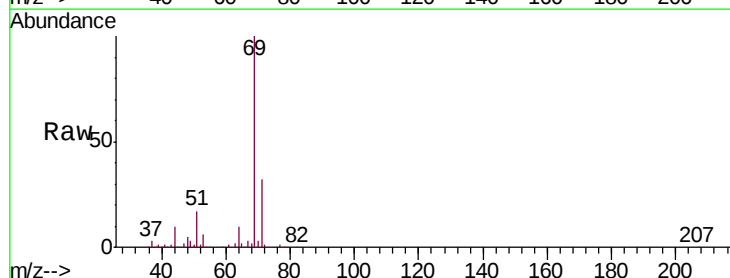
Acq: 15 Feb 2019 17:20

Tgt Ion: 64 Resp: 19298

Ion Ratio Lower Upper

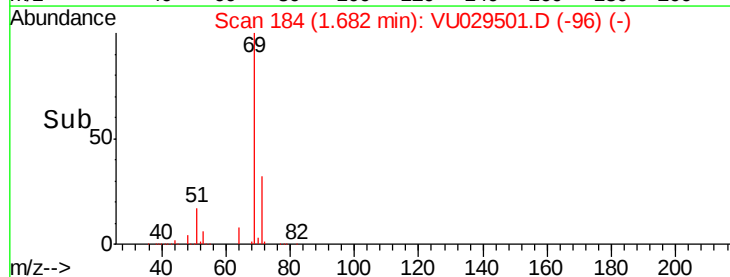
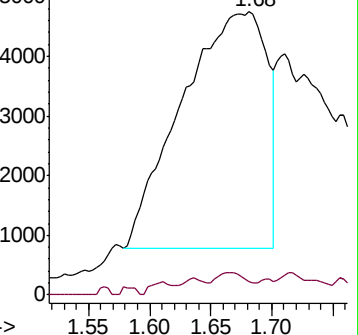
64 100

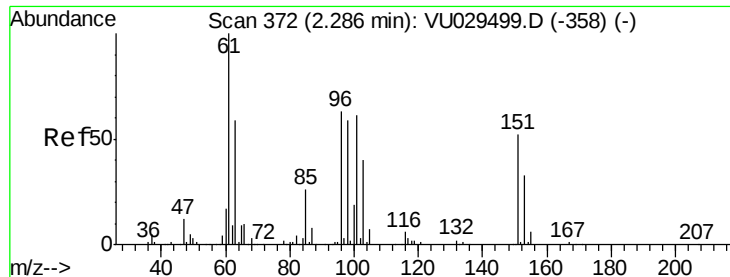
66 4.8 22.0 40.8#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.060 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK01

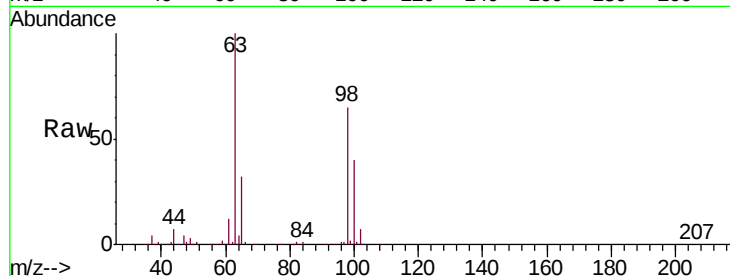
Tgt Ion: 101 Resp: 996

Ion Ratio Lower Upper

101 100

85 4.4 35.1 52.7#

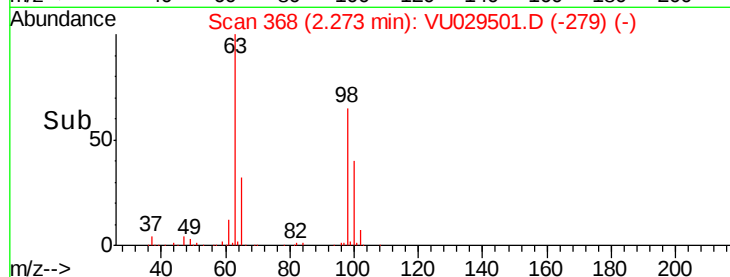
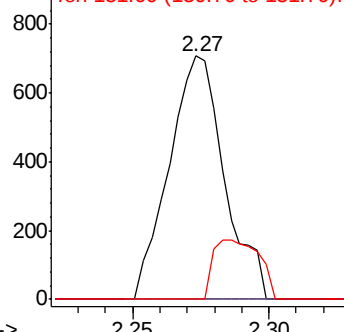
151 20.3 67.0 100.6#



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: 0.078 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029501.D

Acq: 15 Feb 2019 17:20

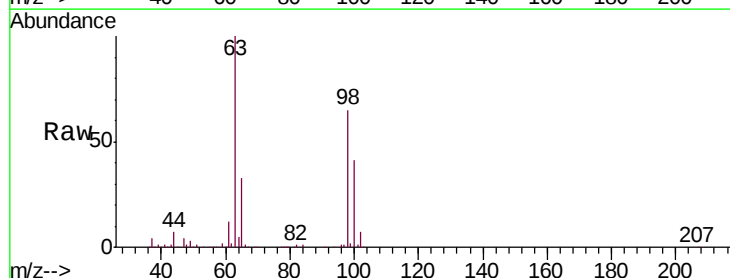
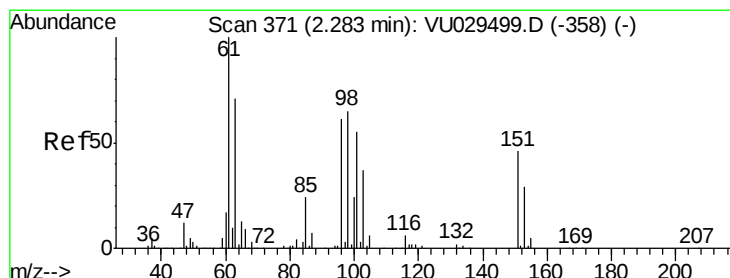
Tgt Ion: 96 Resp: 1226

Ion Ratio Lower Upper

96 100

61 1045.1 115.1 213.7#

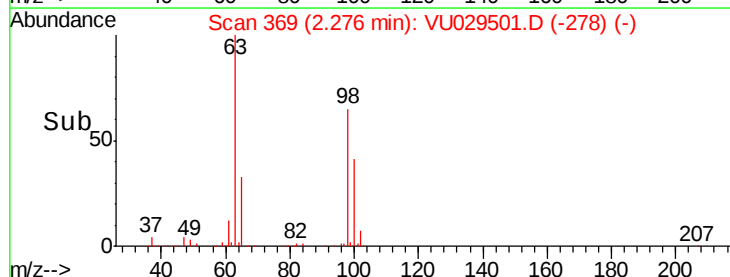
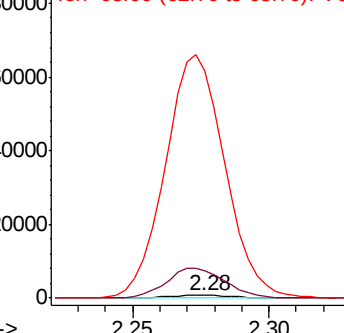
63 8593.9 83.5 155.1#

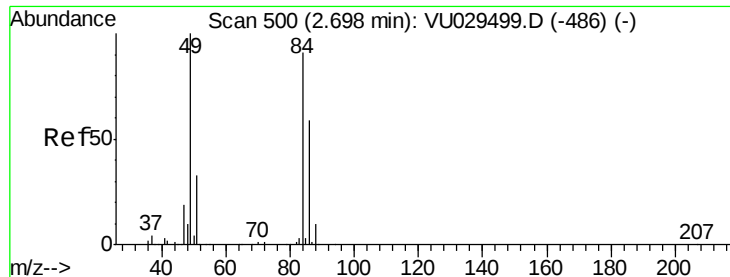


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

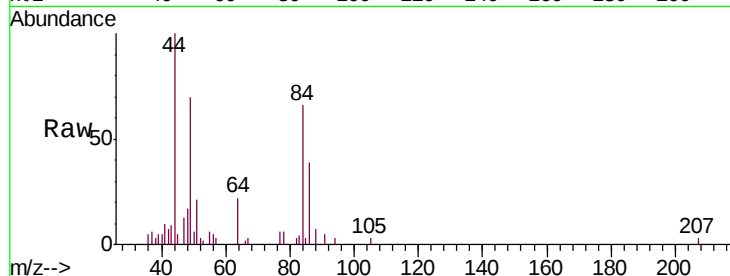




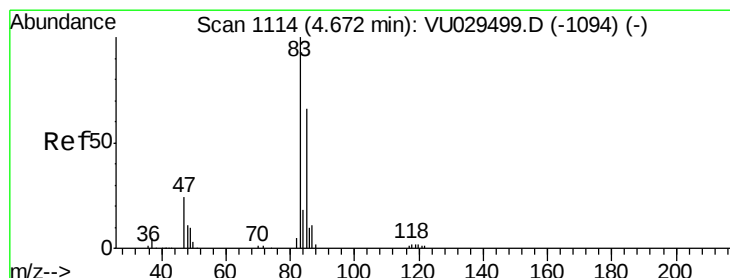
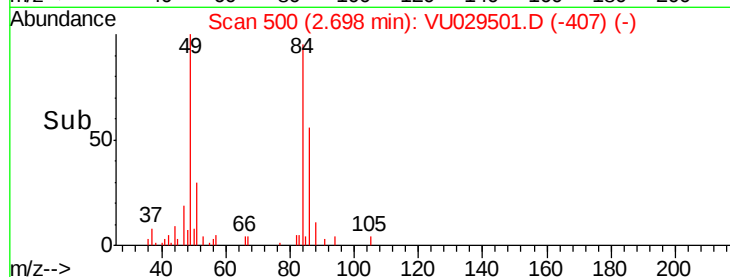
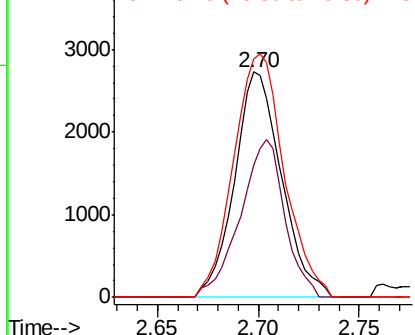
#16
Methylene chloride
Concen: 0.252 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029501.D
Acq: 15 Feb 2019 17:20

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 4444
Ion Ratio Lower Upper
84 100
86 58.9 45.1 83.9
49 105.6 81.8 151.8

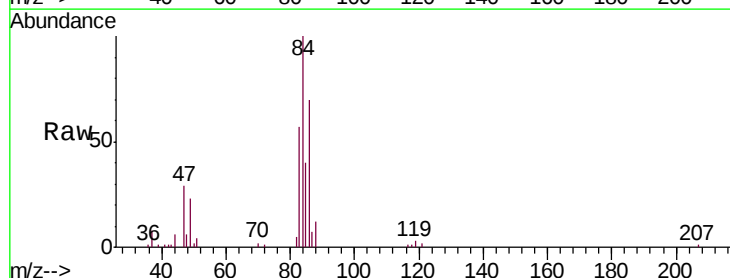


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

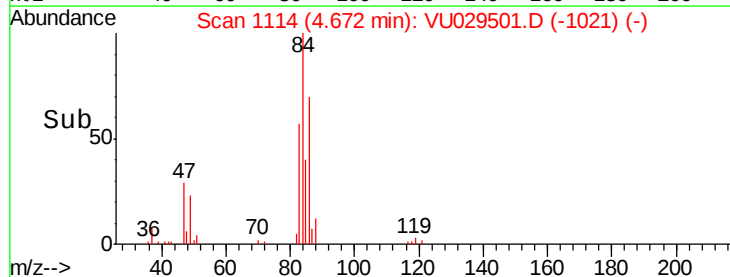
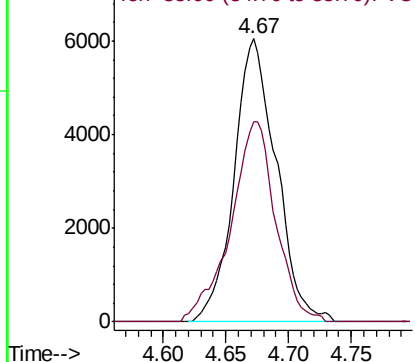


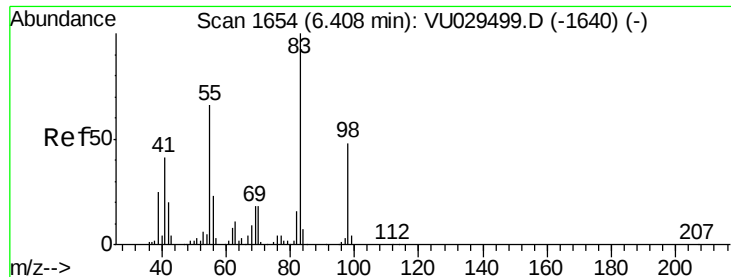
#25
Chloroform
Concen: 0.561 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029501.D
Acq: 15 Feb 2019 17:20

Tgt Ion: 83 Resp: 14146
Ion Ratio Lower Upper
83 100
85 70.8 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#35

Methylcyclohexane

Concen: 0.619 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029501.D

Acq: 15 Feb 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

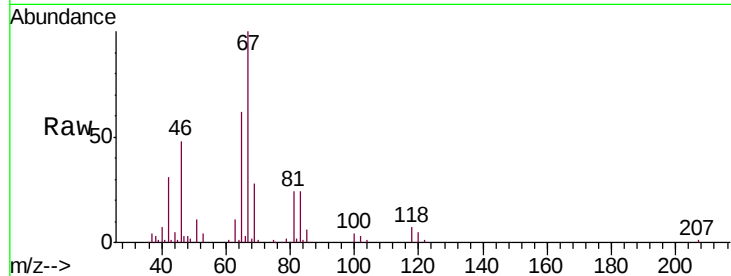
Tgt Ion: 83 Resp: 15945

Ion Ratio Lower Upper

83 100

55 0.0 55.9 83.9#

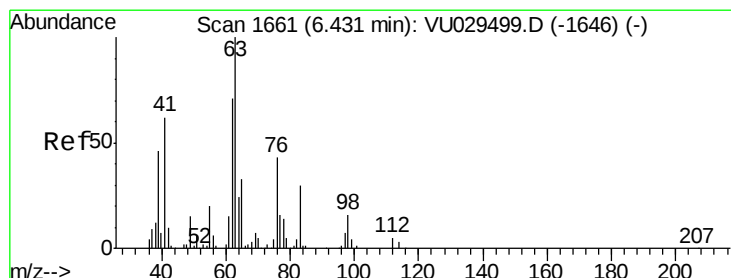
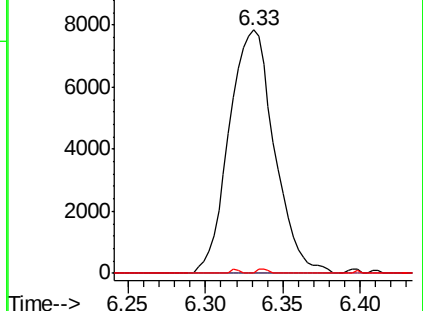
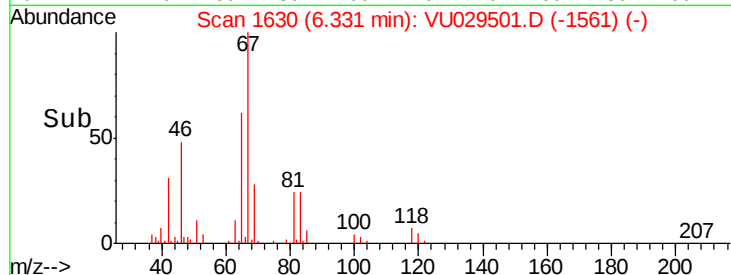
98 0.4 38.6 57.8#



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: 0.511 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU029501.D

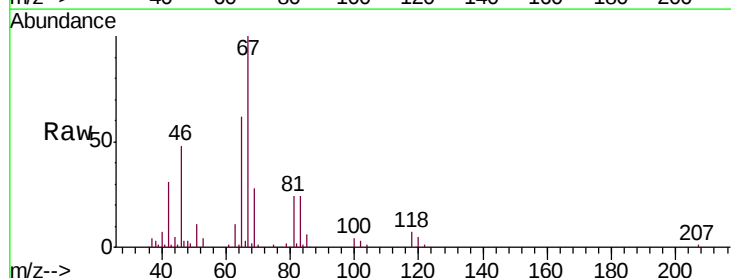
Acq: 15 Feb 2019 17:20

Tgt Ion: 63 Resp: 6960

Ion Ratio Lower Upper

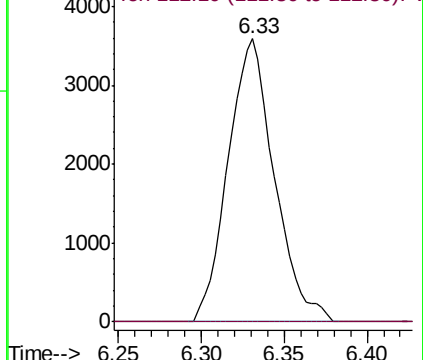
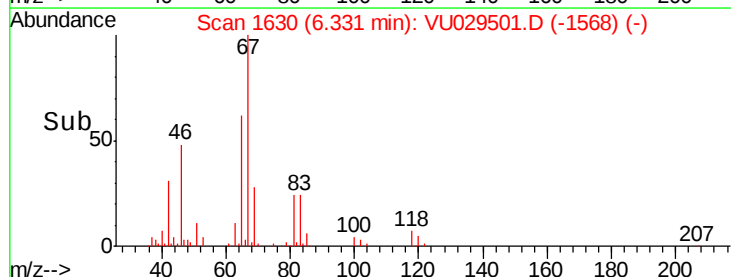
63 100

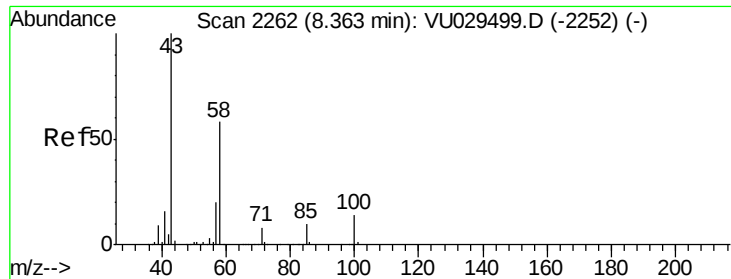
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

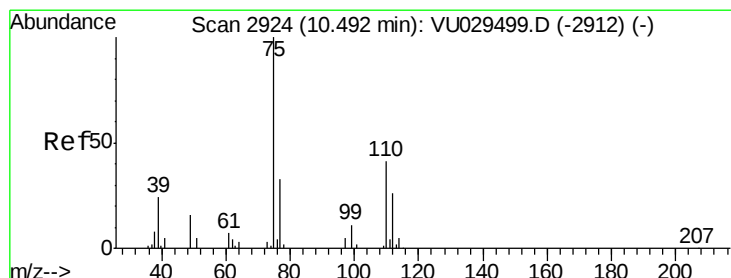
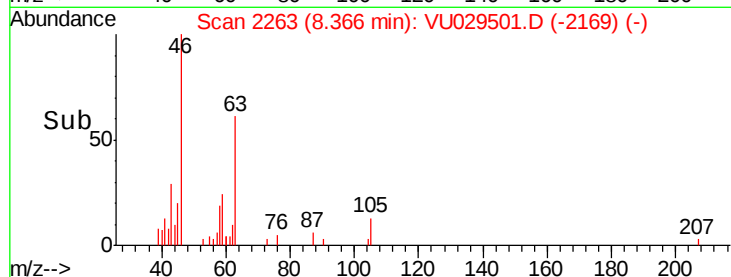
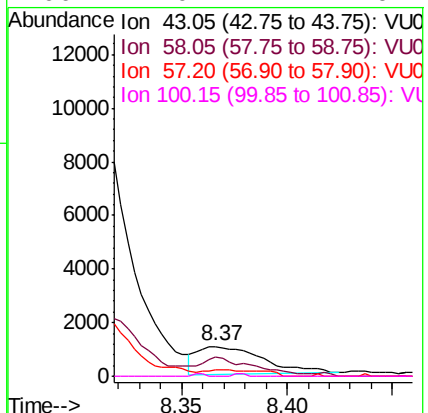
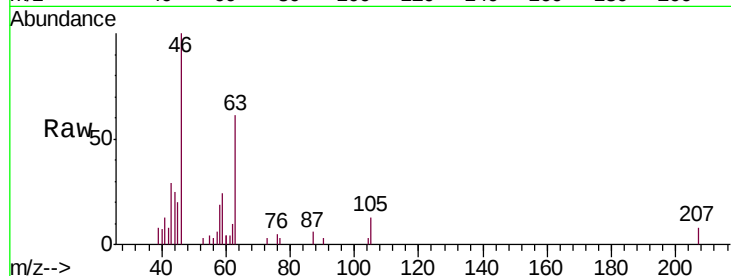




#48
2-Hexanone
Concen: 0.380 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
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VHBLK01

Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
58 60.7 45.7 68.5
57 0.0 16.4 24.6#
100 2.0 11.1 16.7#



#59
1,2,3-Trichloropropane
Concen: 1.157 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029501.D
Acq: 15 Feb 2019 17:20

Tgt Ion: 75 Resp: 10117
Ion Ratio Lower Upper
75 100
77 36.9 28.2 42.2

