

Data File : VU029500.D
Acq On : 15 Feb 2019 16:57
Operator : JC/SP
Sample : VU0216WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Quant Time: Feb 16 00:17:04 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	202678	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	195493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105129	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62008	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.68	69	53740	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.27	63	98523	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.20	46	136030	48.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	4.65	84	101509	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.31	65	55816	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.34	84	222440	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.33	67	65215	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.56	98	223809	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	27385	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.31	63	143352	50.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57479	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	97179	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

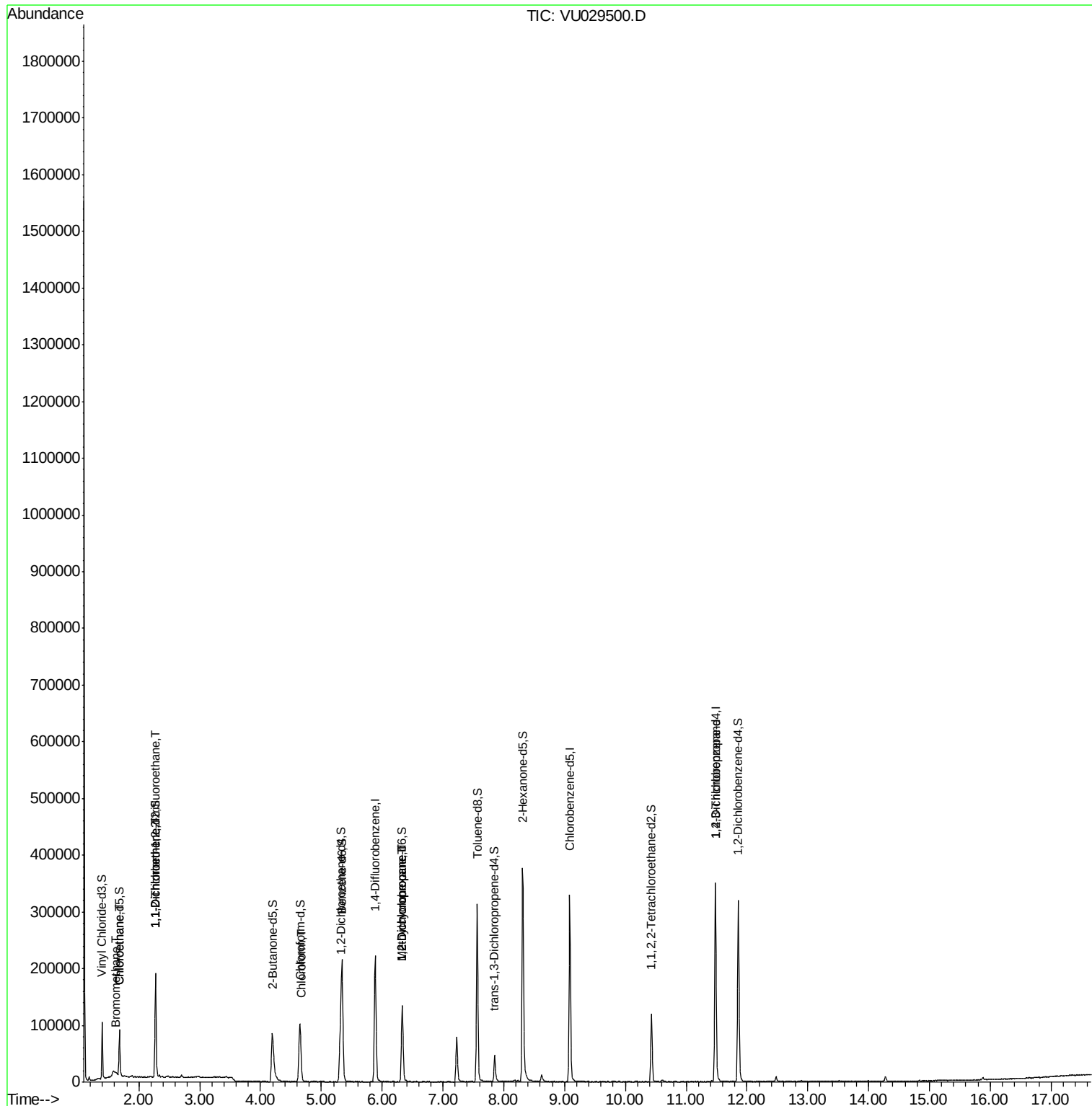
					Qvalue	
6) Bromomethane	1.63	94	706	0.062	ug/L #	63
8) Chloroethane	1.68	64	1044	0.082	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1065	0.060	ug/L #	29
12) 1,1-Dichloroethene	2.28	96	1228	0.074	ug/L #	1
25) Chloroform	4.67	83	3887	0.145	ug/L	97
35) Methylcyclohexane	6.33	83	15356	0.564	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6999	0.486	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	10759	1.164	ug/L	98

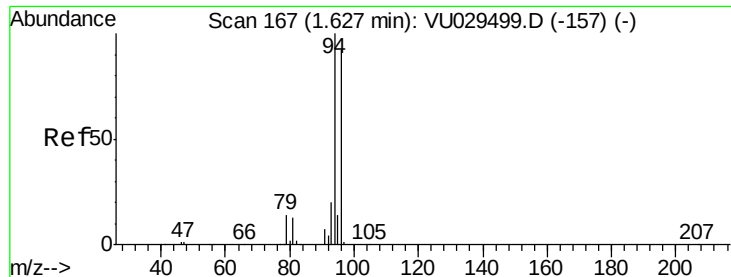
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.062 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.00 min

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Acq: 15 Feb 2019 16:57

Instrument :

MSVOA_U

ClientSampleId :

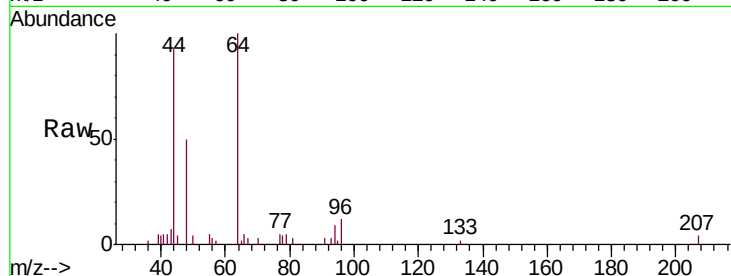
VBLK54

Tgt Ion: 94 Resp: 706

Ion Ratio Lower Upper

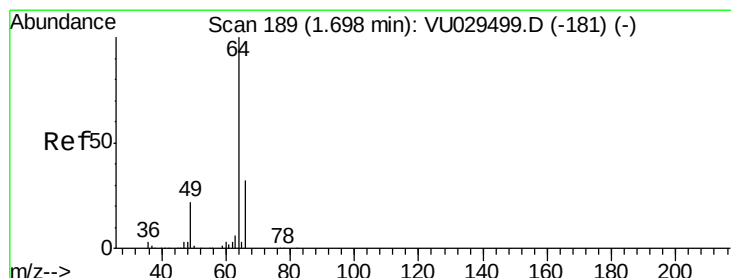
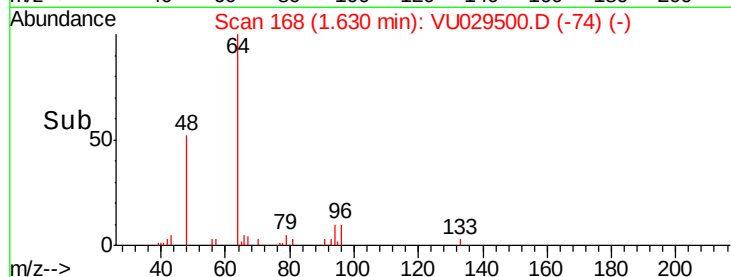
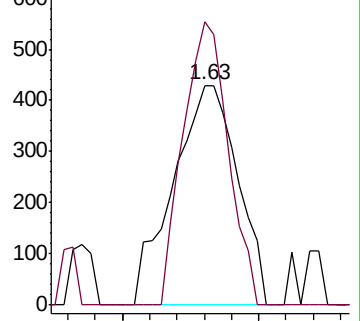
94 100

96 128.9 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: 0.082 ug/L

RT: 1.68 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU029500.D

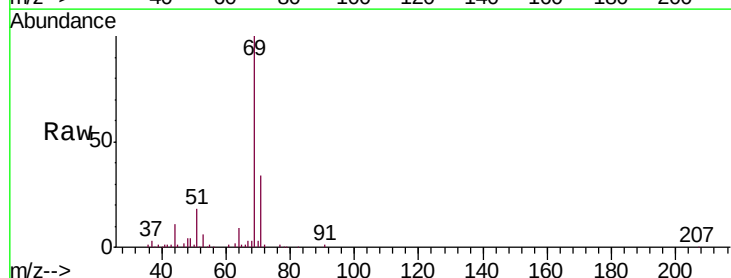
Acq: 15 Feb 2019 16:57

Tgt Ion: 64 Resp: 1044

Ion Ratio Lower Upper

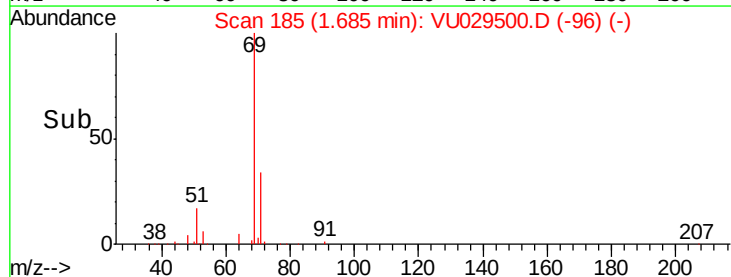
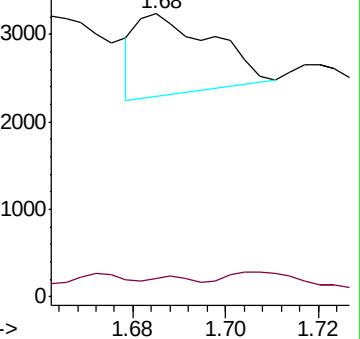
64 100

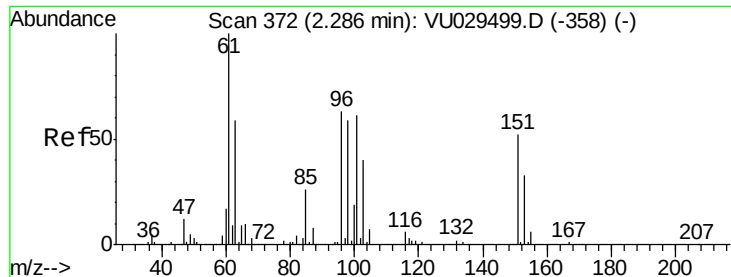
66 6.6 22.0 40.8#



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: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029500.D

Acq: 15 Feb 2019 16:57

Instrument :

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ClientSampleId :

VBLK54

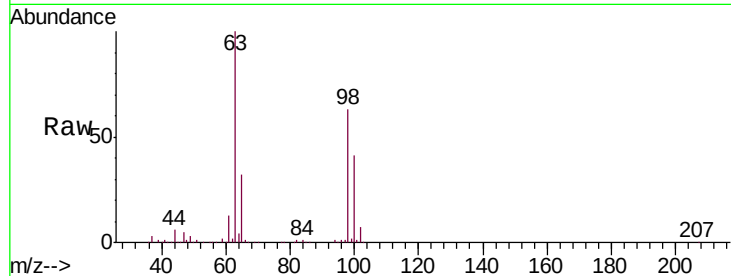
Tgt Ion: 101 Resp: 1065

Ion Ratio Lower Upper

101 100

85 9.5 35.1 52.7#

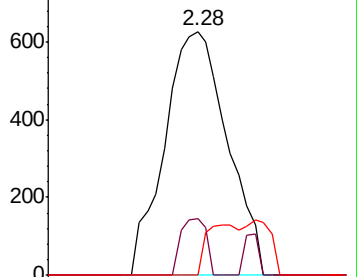
151 11.1 67.0 100.6#



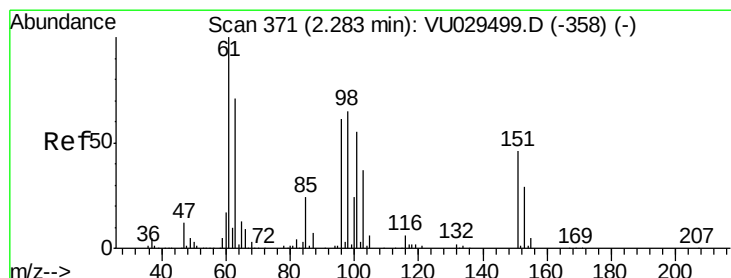
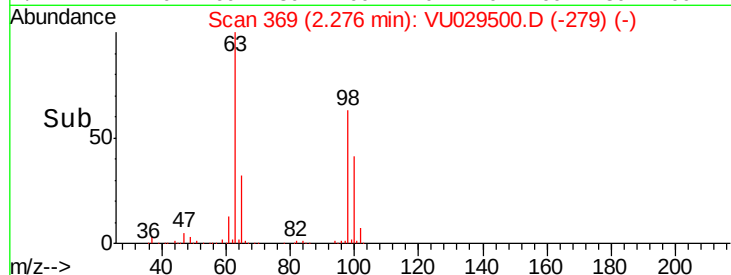
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU029500.D

Acq: 15 Feb 2019 16:57

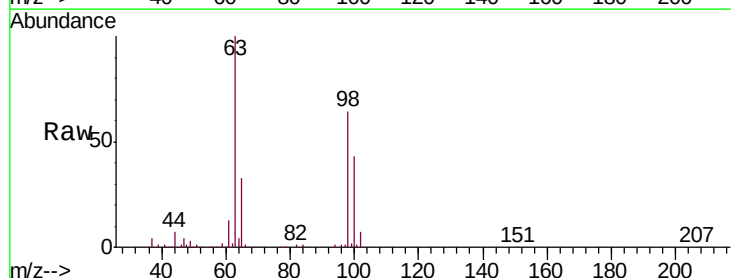
Tgt Ion: 96 Resp: 1228

Ion Ratio Lower Upper

96 100

61 1222.4 115.1 213.7#

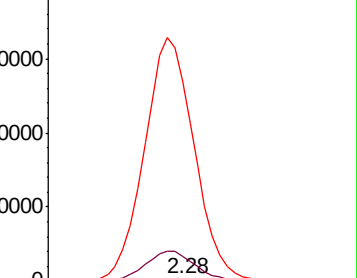
63 9671.6 83.5 155.1#



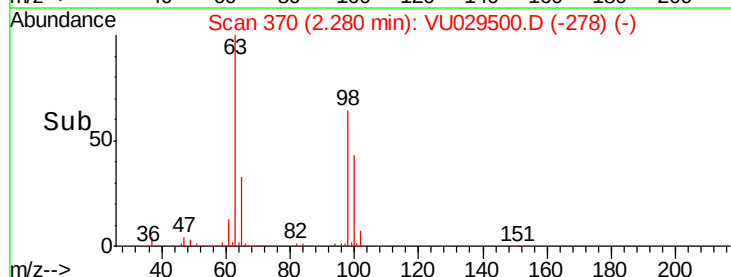
Abundance Ion 96.00 (95.70 to 96.70): VU0

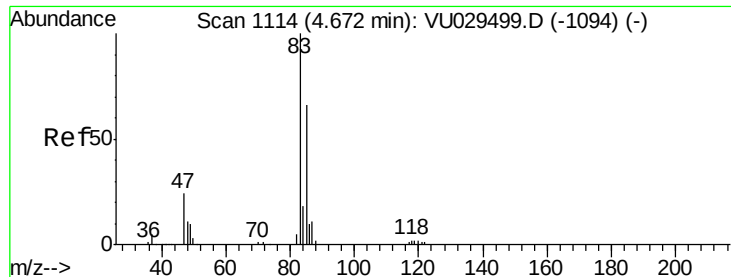
Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->





#25

Chloroform

Concen: 0.145 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VU029500.D

Acq: 15 Feb 2019 16:57

Instrument :

MSVOA_U

ClientSampleId :

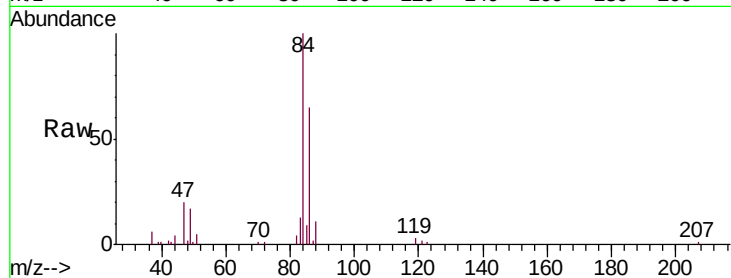
VBLK54

Tgt Ion: 83 Resp: 3887

Ion Ratio Lower Upper

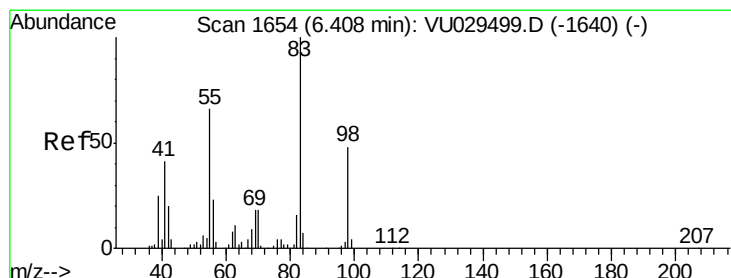
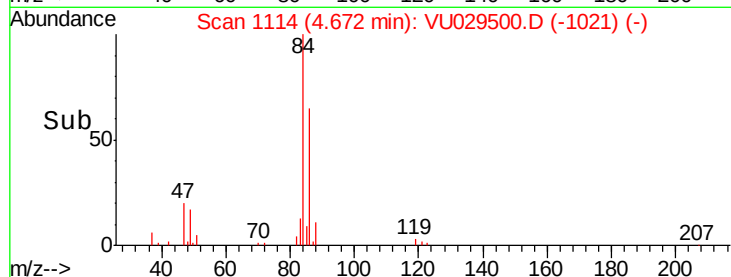
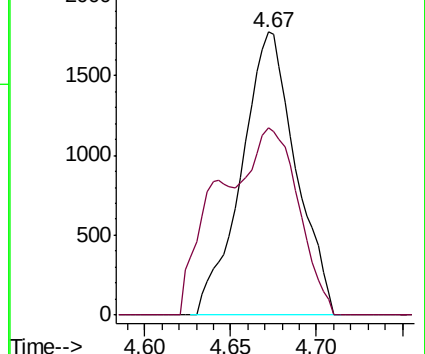
83 100

85 66.2 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: 0.564 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029500.D

Acq: 15 Feb 2019 16:57

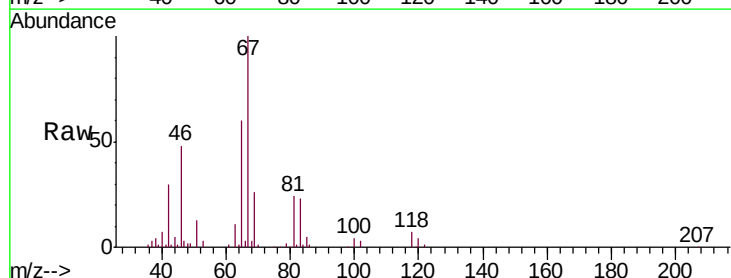
Tgt Ion: 83 Resp: 15356

Ion Ratio Lower Upper

83 100

55 0.3 55.9 83.9#

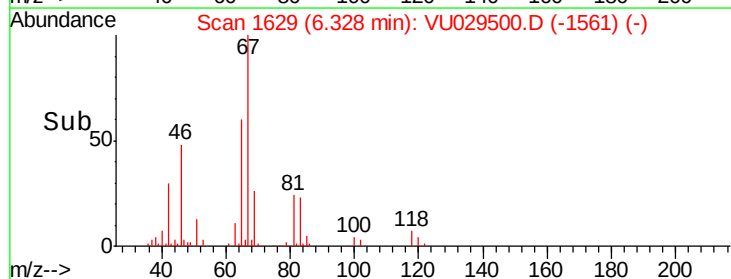
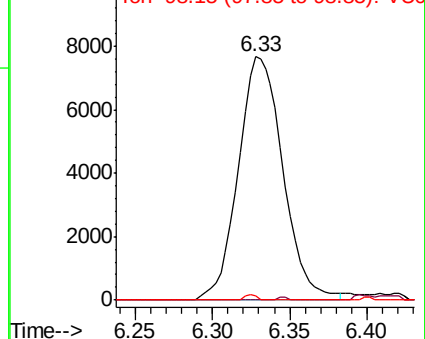
98 0.5 38.6 57.8#

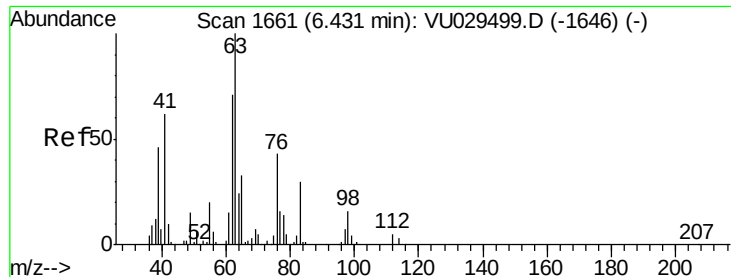


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

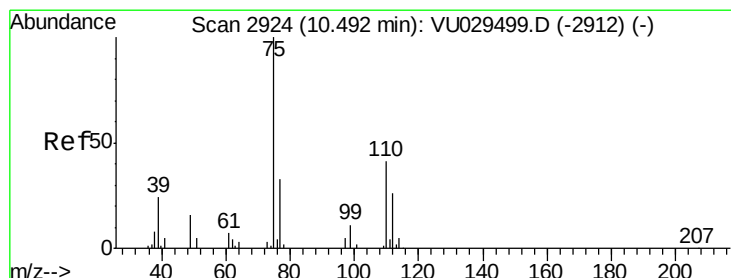
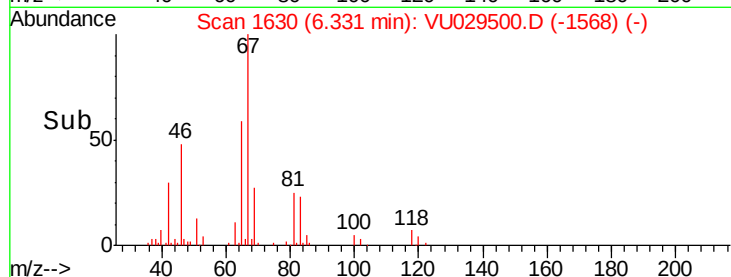
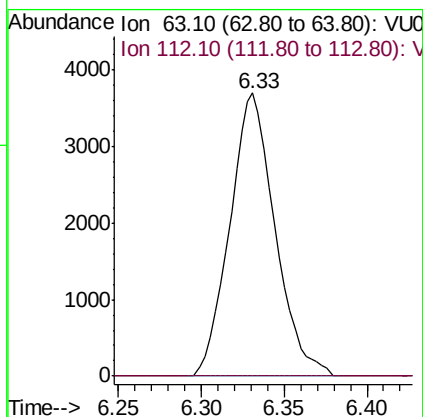
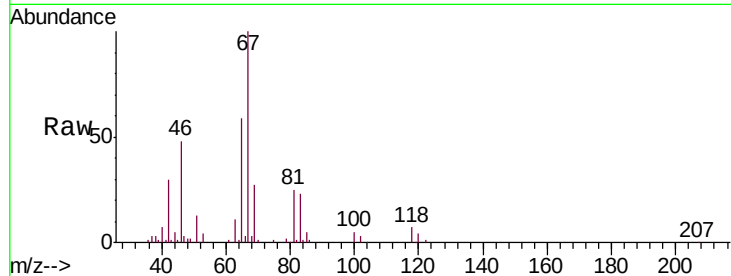




#37
 1,2-Dichloropropane
 Concen: 0.486 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU029500.D
 Acq: 15 Feb 2019 16:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK54

Tgt Ion: 63 Resp: 6999
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.164 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029500.D
 Acq: 15 Feb 2019 16:57

Tgt Ion: 75 Resp: 10759
 Ion Ratio Lower Upper
 75 100
 77 34.2 28.2 42.2

