

Data File : VU028306.D
Acq On : 21 Nov 2018 09:54
Operator : MD/SY
Sample : J5995-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 21 22:36:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	194533	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	182322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82437	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72503	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.68	69	56140	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.27	63	104173	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.20	46	206159	42.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.16%
24) Chloroform-d	4.65	84	117674	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.31	65	67164	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.34	84	242228	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.33	67	87069	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.56	98	207615	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.85	79	32132	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	8.31	63	144494	39.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61206	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	65762	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

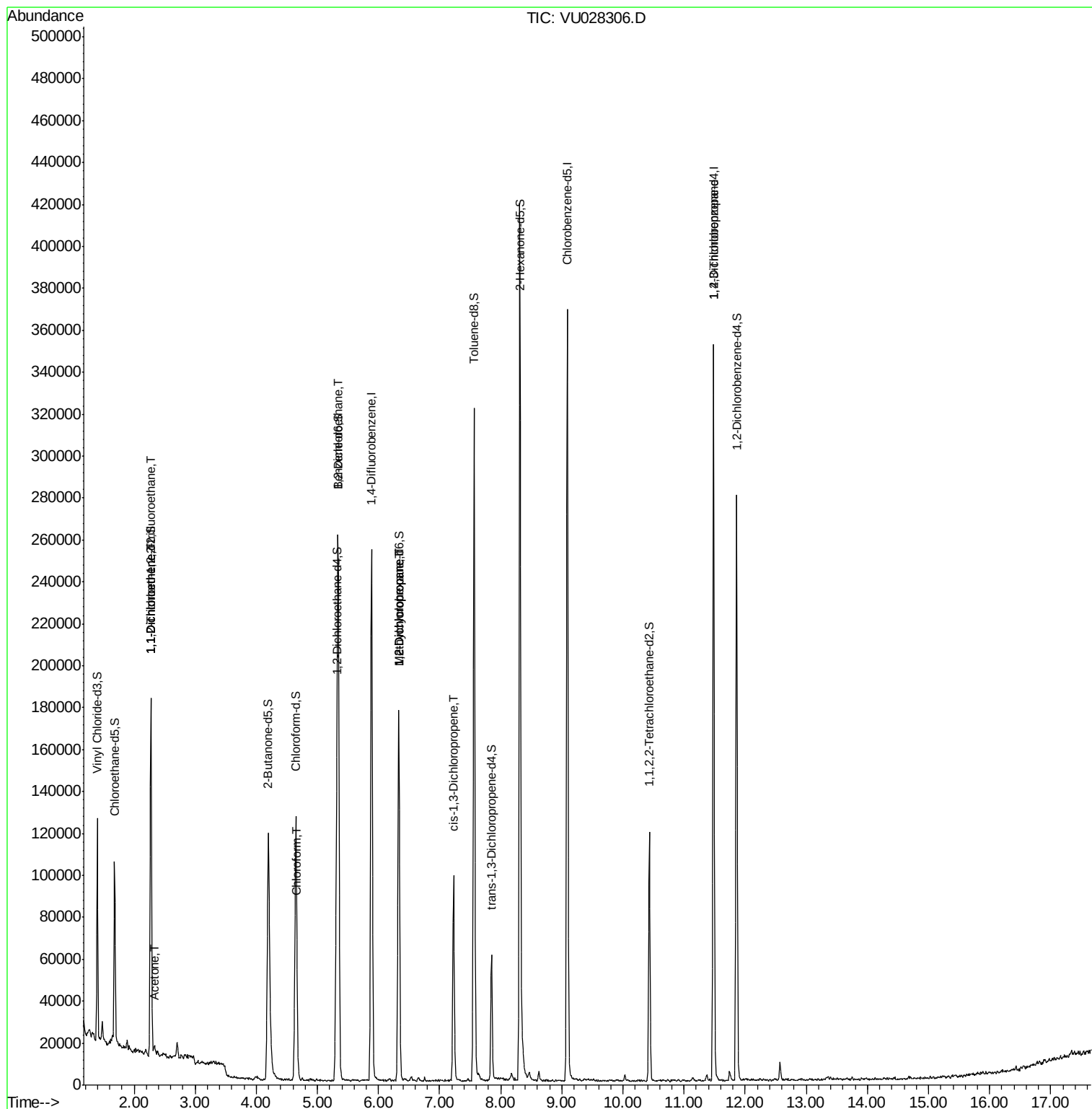
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	757	0.060	ug/L #	25
12) 1,1-Dichloroethene	2.28	96	912	0.076	ug/L #	1
13) Acetone	2.33	43	3289	0.976	ug/L	96
25) Chloroform	4.67	83	5037	0.157	ug/L	86
27) 1,2-Dichloroethane	5.34	62	1204	0.066	ug/L #	78
35) Methylcyclohexane	6.33	83	18408	0.793	ug/L #	15
37) 1,2-Dichloropropane	6.32	63	8825	0.514	ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	2532	0.116	ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	12817	1.292	ug/L	90

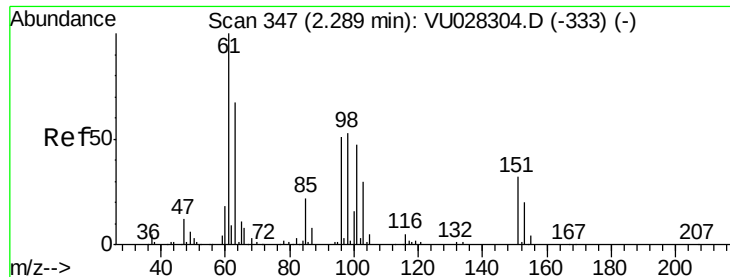
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.060 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.01 min

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MSVOA_U

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VHBLK01

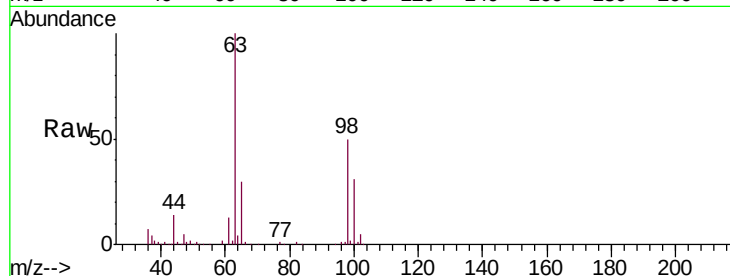
Tgt Ion: 101 Resp: 757

Ion Ratio Lower Upper

101 100

85 2.6 37.4 56.2#

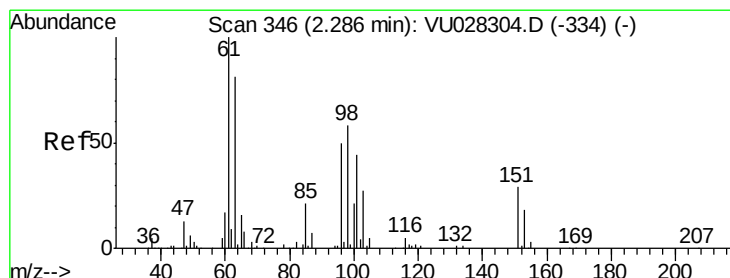
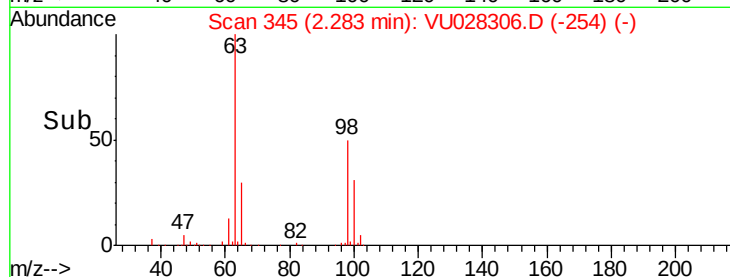
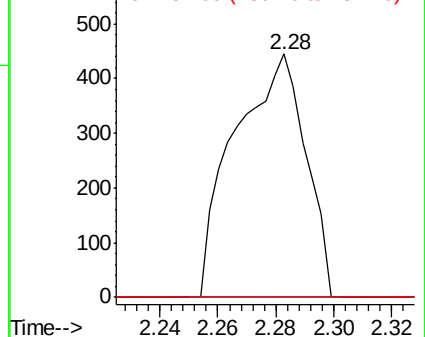
151 2.8 55.0 82.4#



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: 0.076 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028306.D

Acq: 21 Nov 2018 09:54

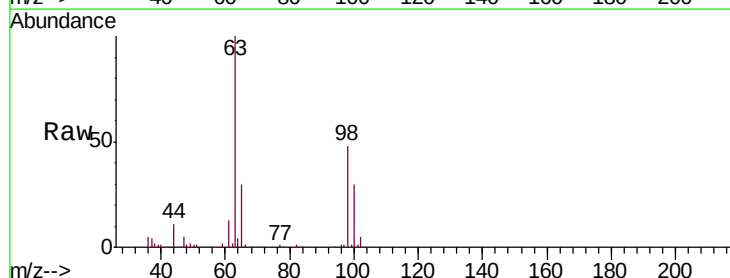
Tgt Ion: 96 Resp: 912

Ion Ratio Lower Upper

96 100

61 1326.8 145.5 270.1#

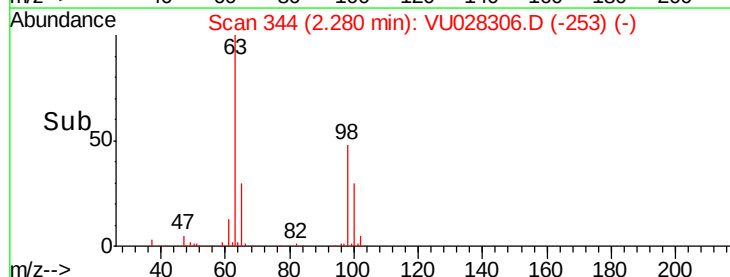
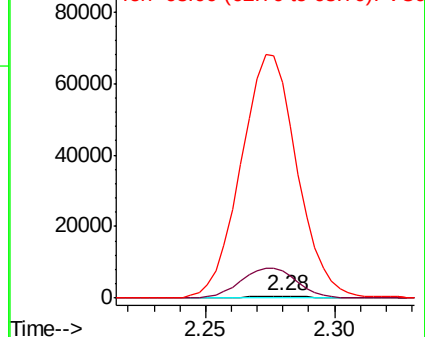
63 10592.3 98.6 183.2#

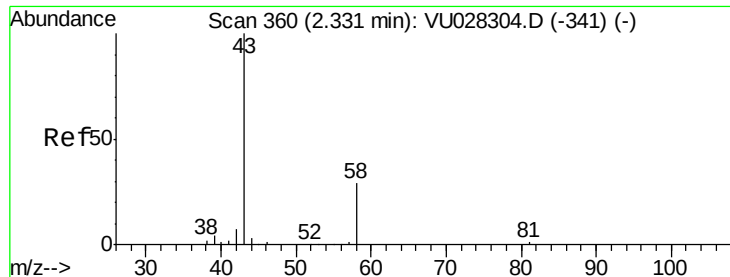


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.976 ug/L

RT: 2.33 min Scan# 361

Delta R.T. 0.00 min

Lab File: VU028306.D

Acq: 21 Nov 2018 09:54

Instrument :

MSVOA_U

ClientSampleId :

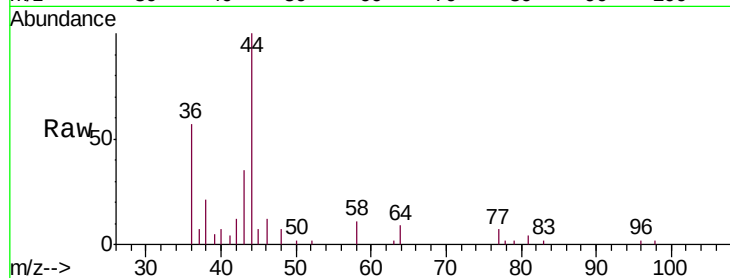
VHBLK01

Tgt Ion: 43 Resp: 3289

Ion Ratio Lower Upper

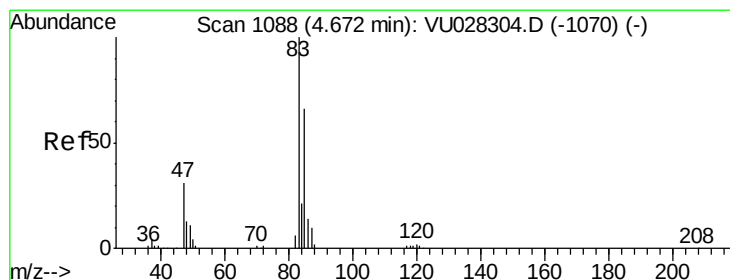
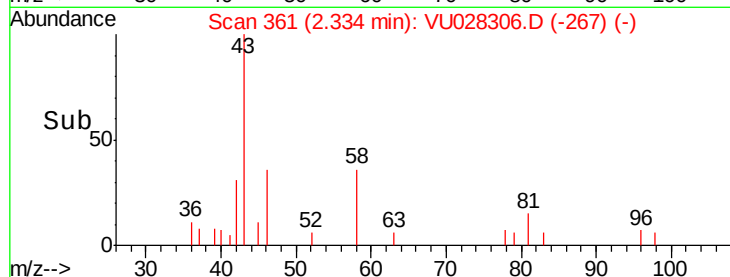
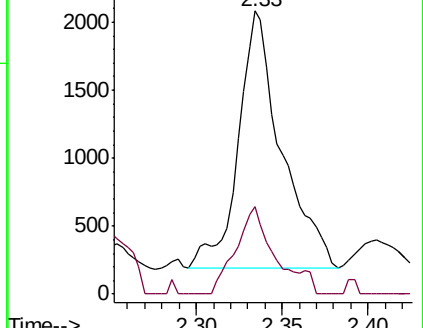
43 100

58 31.2 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU028306.D (-267) (-)

Ion 58.05 (57.75 to 58.75): VU028306.D (-267) (-)



#25

Chloroform

Concen: 0.157 ug/L

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU028306.D

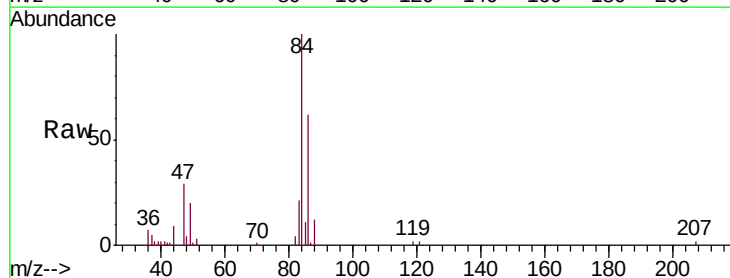
Acq: 21 Nov 2018 09:54

Tgt Ion: 83 Resp: 5037

Ion Ratio Lower Upper

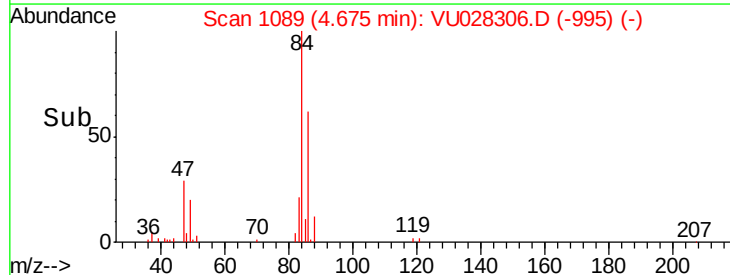
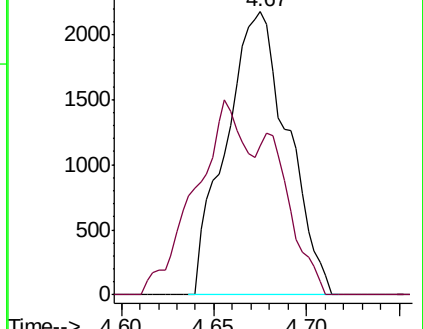
83 100

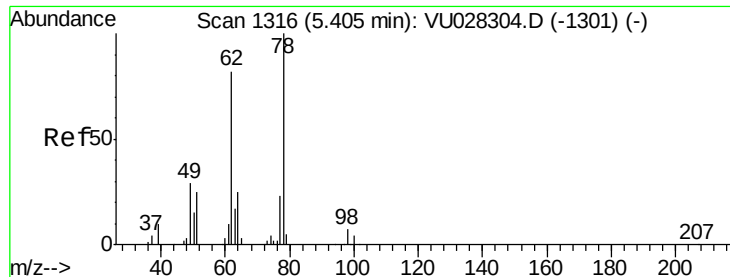
85 52.7 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU028306.D (-995) (-)

Ion 85.00 (84.70 to 85.70): VU028306.D (-995) (-)





#27

1,2-Dichloroethane

Concen: 0.066 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.07 min

Lab File: VU028306.D

Acq: 21 Nov 2018 09:54

Instrument :

MSVOA_U

ClientSampleId :

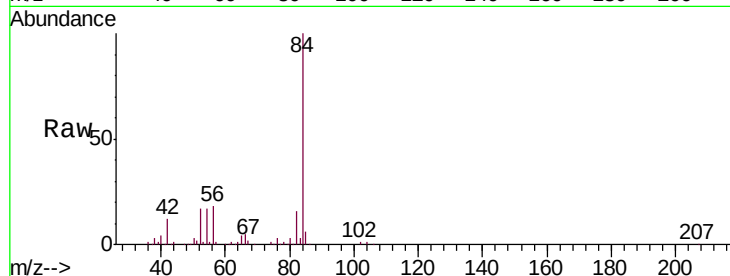
VHBLK01

Tgt Ion: 62 Resp: 1204

Ion Ratio Lower Upper

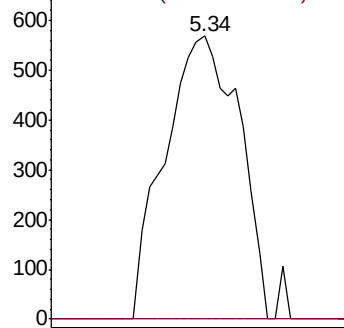
62 100

98 0.0 6.2 9.4#

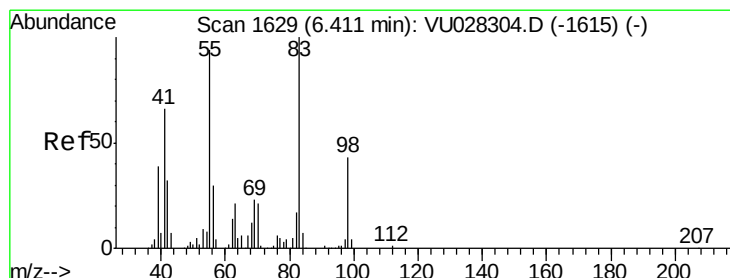
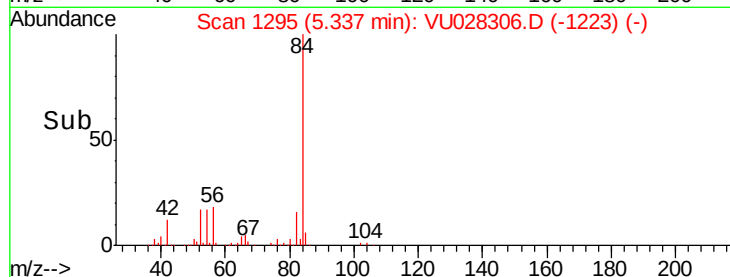


Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.793 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU028306.D

Acq: 21 Nov 2018 09:54

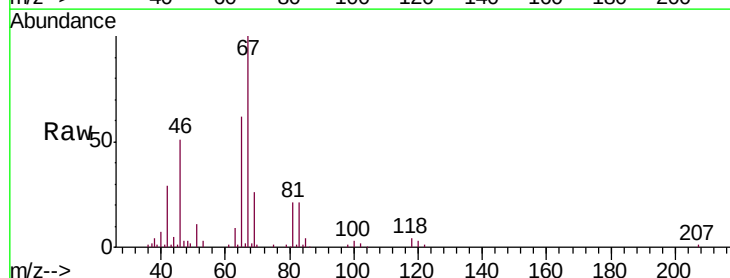
Tgt Ion: 83 Resp: 18408

Ion Ratio Lower Upper

83 100

55 0.8 73.2 109.8#

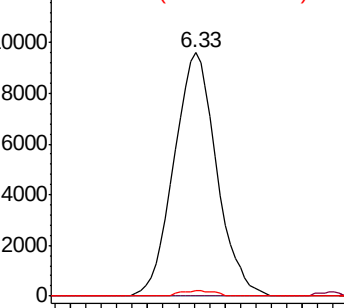
98 1.8 33.4 50.2#



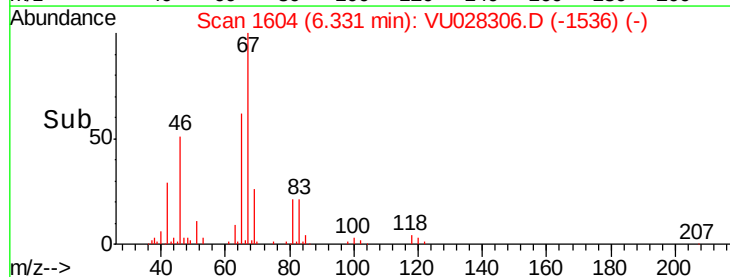
Abundance Ion 83.15 (82.85 to 83.85): VU0

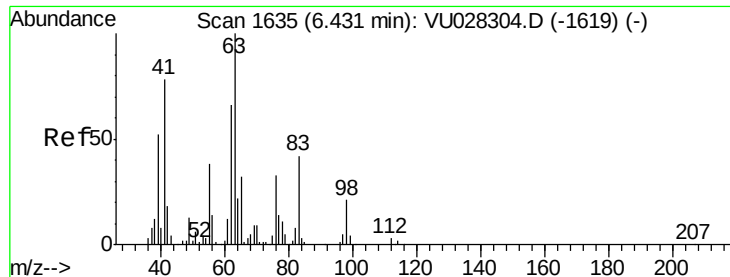
Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



Time-->

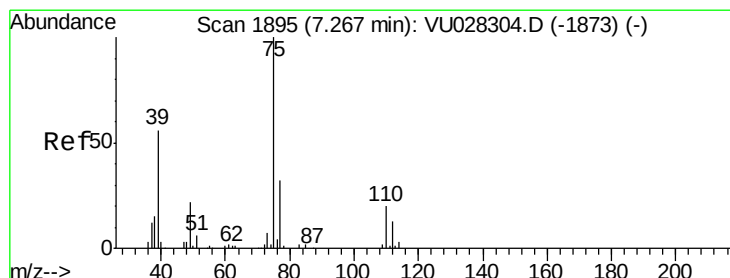
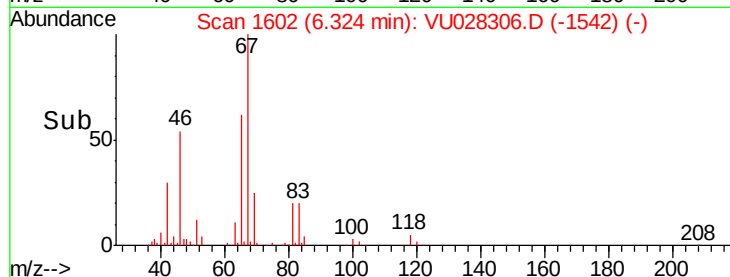
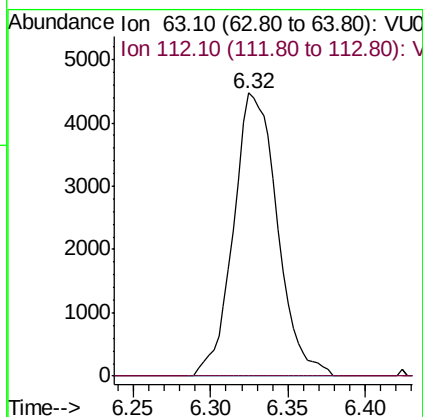
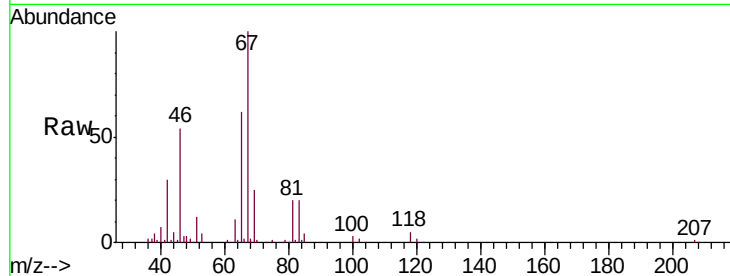




#37
 1,2-Dichloropropane
 Concen: 0.514 ug/L
 RT: 6.32 min Scan# 1602
 Delta R.T. -0.11 min
 Lab File: VU028306.D
 Acq: 21 Nov 2018 09:54

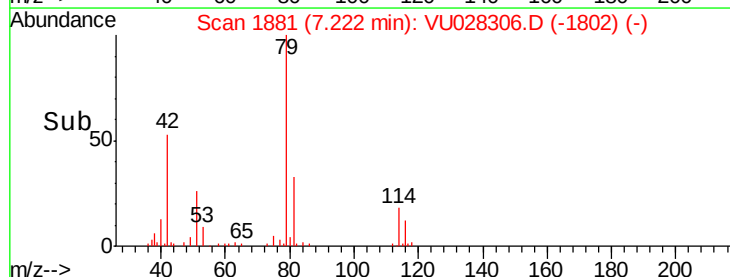
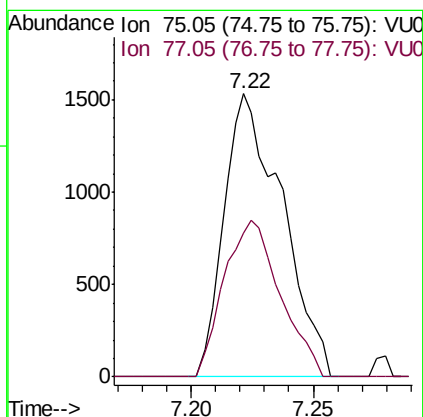
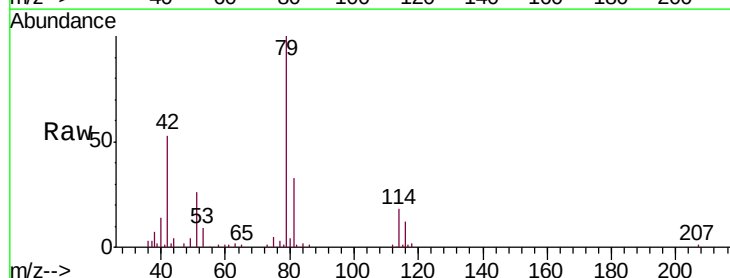
Instrument :
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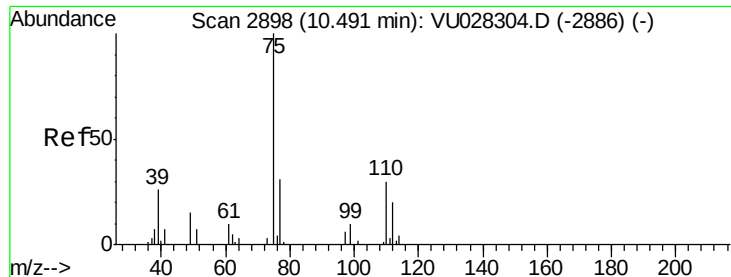
Tgt Ion: 63 Resp: 8825
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.22 min Scan# 1881
 Delta R.T. -0.04 min
 Lab File: VU028306.D
 Acq: 21 Nov 2018 09:54

Tgt Ion: 75 Resp: 2532
 Ion Ratio Lower Upper
 75 100
 77 50.7 21.7 40.3#





#59

1,2,3-Trichloropropane

Concen: 1.292 ug/L

RT: 11.48 min Scan# 3205

Delta R.T. 0.99 min

Lab File: VU028306.D

Acq: 21 Nov 2018 09:54

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 12817

Ion Ratio Lower Upper

75 100

77 37.6 25.7 38.5

