

Data File : VU028838.D
Acq On : 20 Dec 2018 20:43
Operator : MD/SY
Sample : J6506-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF039

Quant Time: Dec 21 06:00:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	196209	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180102	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76290	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66756	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.88%
7) Chloroethane-d5	1.67	69	54187	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.27	63	87064	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	4.17	46	116361	105.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.58%
24) Chloroform-d	4.65	84	114343	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
26) 1,2-Dichloroethane-d4	5.31	65	72837	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
32) Benzene-d6	5.34	84	248802	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	88690	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.62%
41) Toluene-d8	7.56	98	217662	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%
43) trans-1,3-Dichloropropene-	7.85	79	36852	47.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.16%
47) 2-Hexanone-d5	8.31	63	88884	108.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121171	50.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	77053	49.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.88%

Target Compounds

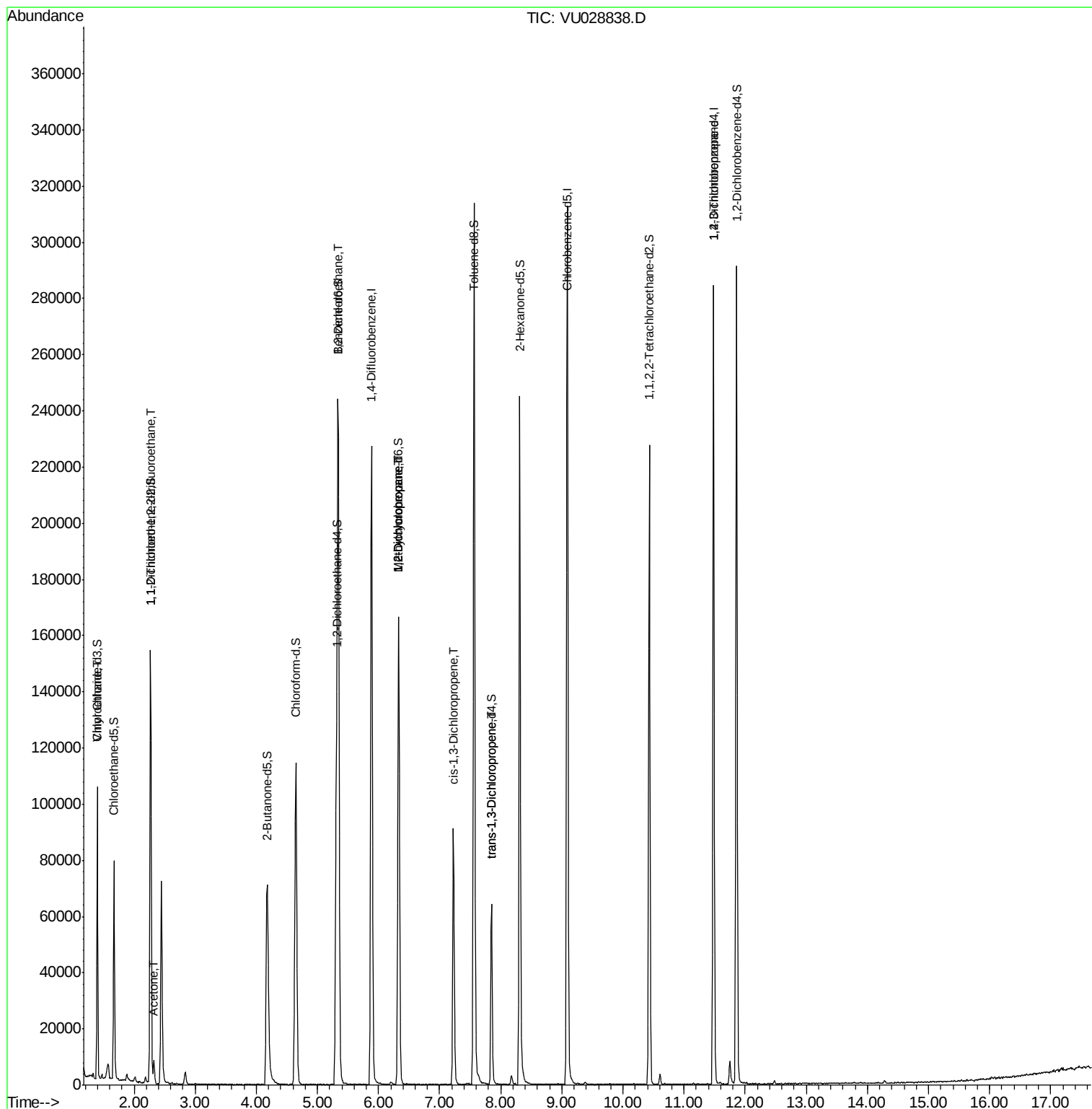
					Qvalue	
8) Chloroethane	1.40	64	1022	0.932	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	764	0.601	ug/L #	20
13) Acetone	2.32	43	7388	6.578	ug/L	98
27) 1,2-Dichloroethane	5.34	62	1182	0.631	ug/L #	74
35) Methylcyclohexane	6.33	83	18395	7.979	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8144	5.081	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1916	0.838	ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	1161	0.570	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	9112	4.764	ug/L	92

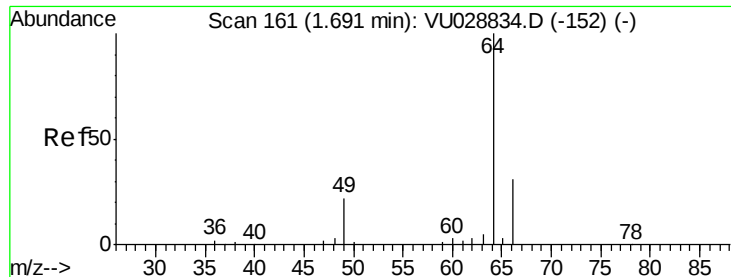
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.932 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028838.D

Acq: 20 Dec 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

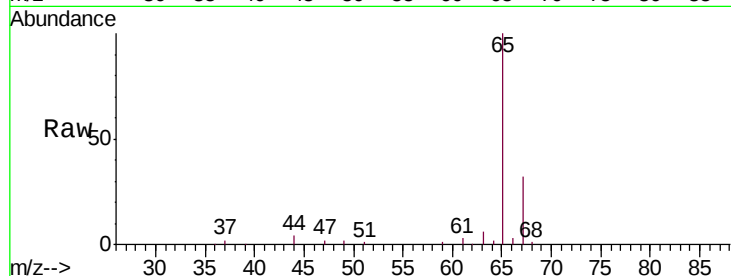
BF039

Tgt Ion: 64 Resp: 1022

Ion Ratio Lower Upper

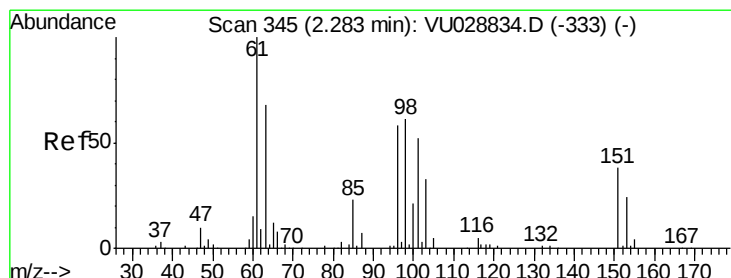
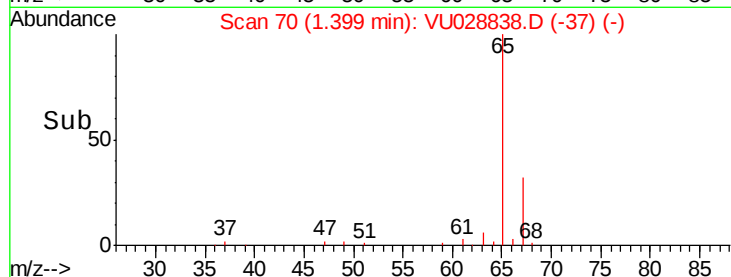
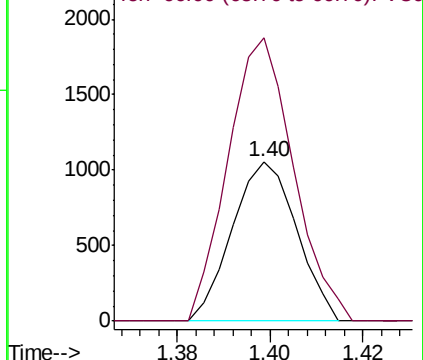
64 100

66 177.6 21.5 39.9#



Abundance Ion 64.00 (63.70 to 64.70): VU028838.D (-152) (-)

Ion 66.00 (65.70 to 66.70): VU028838.D (-152) (-)



#10

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

Concen: 0.601 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU028838.D

Acq: 20 Dec 2018 20:43

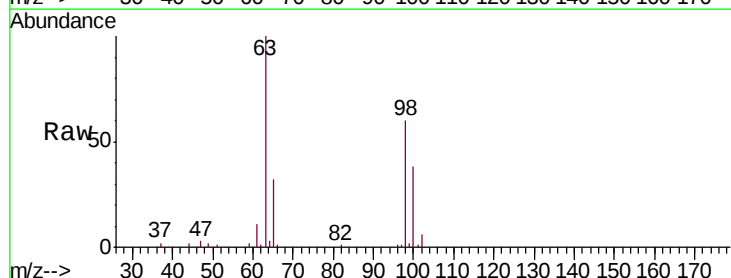
Tgt Ion: 101 Resp: 764

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

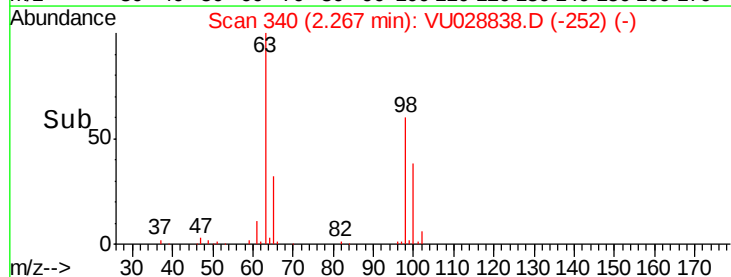
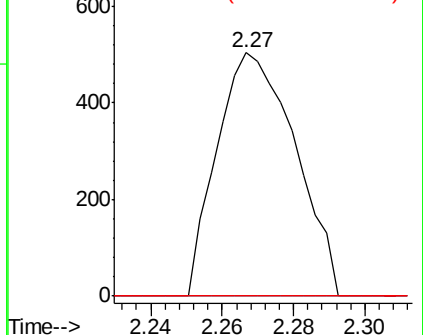
151 0.0 59.4 89.0#

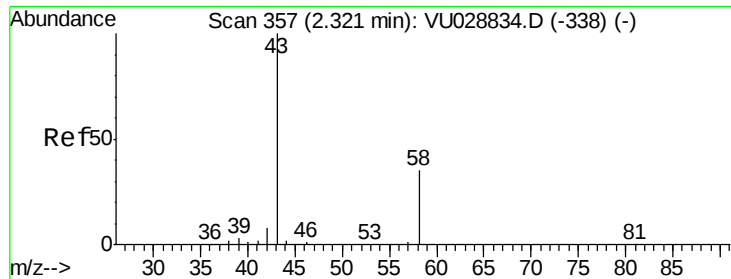


Abundance Ion 101.00 (100.70 to 101.70): VU028838.D (-333) (-)

Ion 85.00 (84.70 to 85.70): VU028838.D (-333) (-)

Ion 151.00 (150.70 to 151.70): VU028838.D (-333) (-)





#13

Acetone

Concen: 6.578 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028838.D

Acq: 20 Dec 2018 20:43

Instrument :

MSVOA_U

ClientSampled :

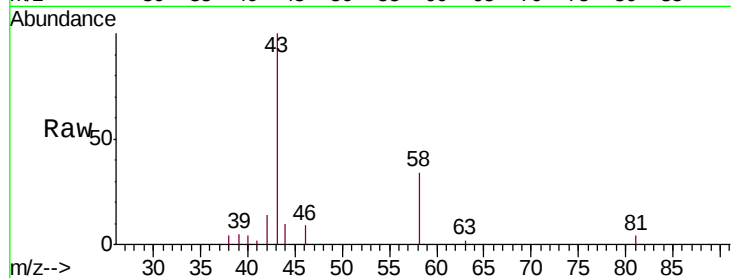
BF039

Tgt Ion: 43 Resp: 7388

Ion Ratio Lower Upper

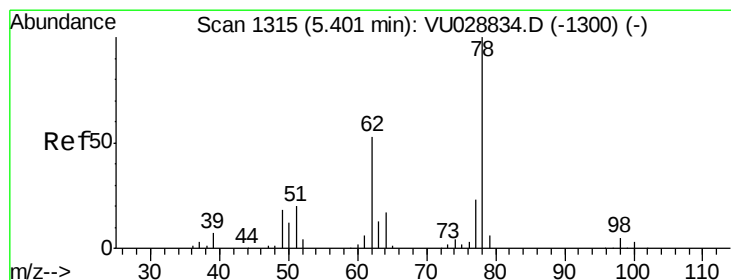
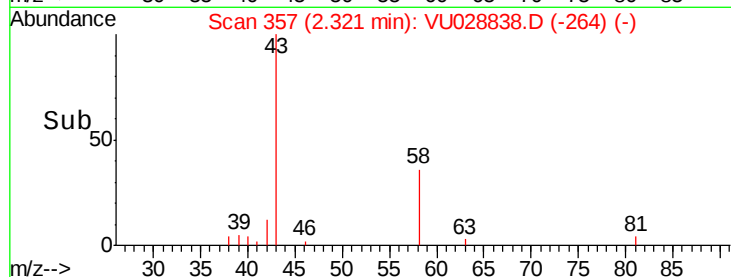
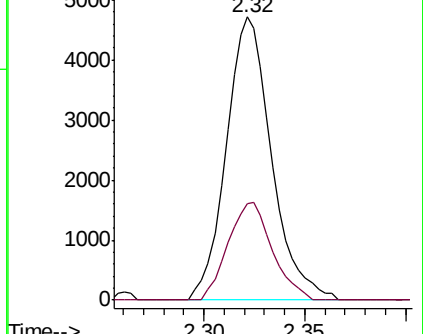
43 100

58 33.7 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#27

1,2-Dichloroethane

Concen: 0.631 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.06 min

Lab File: VU028838.D

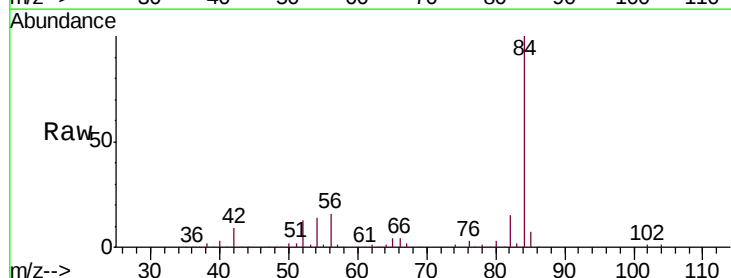
Acq: 20 Dec 2018 20:43

Tgt Ion: 62 Resp: 1182

Ion Ratio Lower Upper

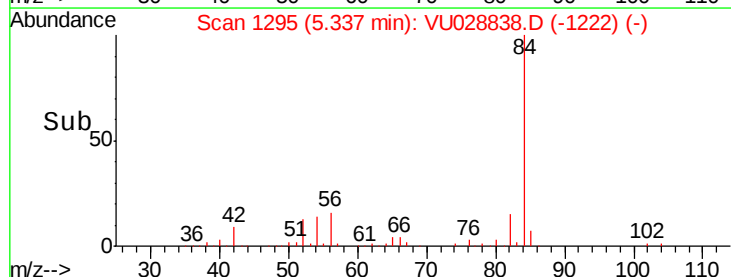
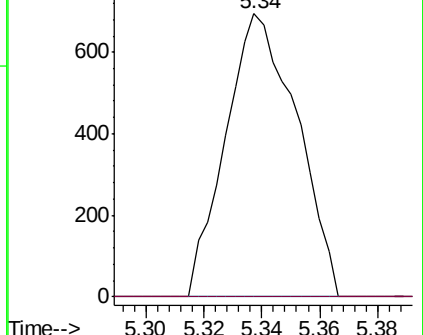
62 100

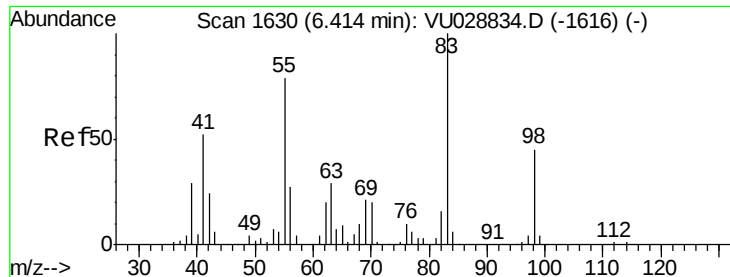
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

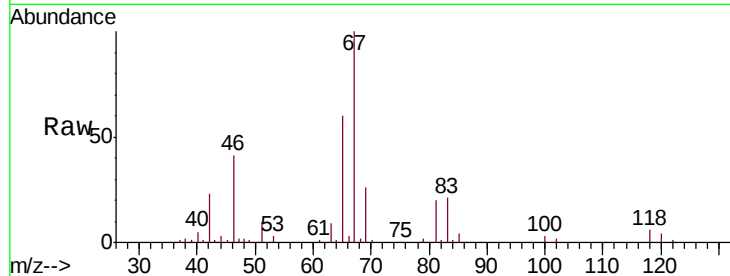




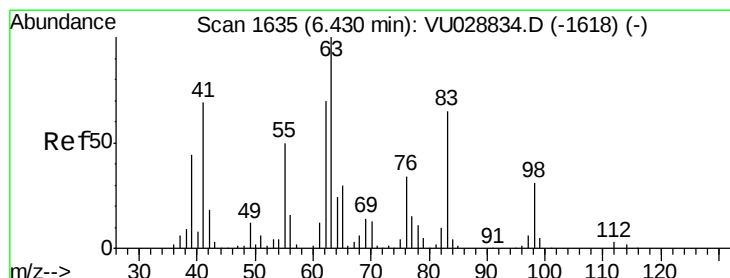
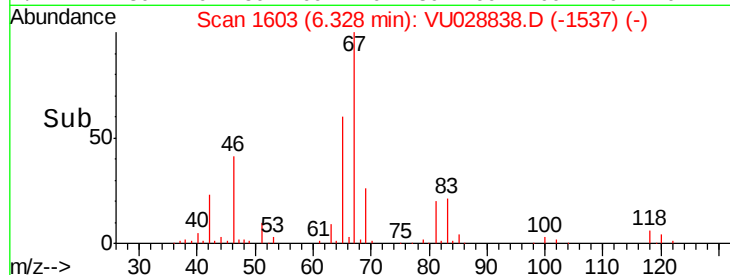
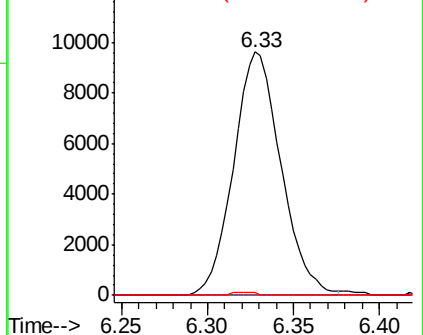
#35
Methylcyclohexane
Concen: 7.979 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028838.D
Acq: 20 Dec 2018 20:43

Instrument :
MSVOA_U
ClientSampleId :
BF039

Tgt Ion: 83 Resp: 18395
Ion Ratio Lower Upper
83 100
55 0.0 63.7 95.5#
98 0.6 35.6 53.4#

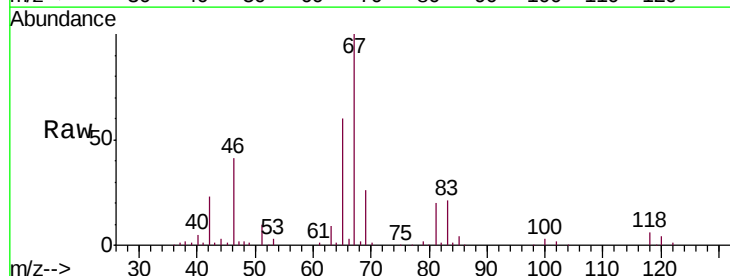


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

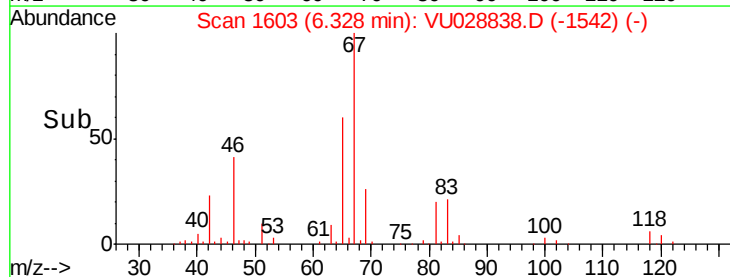
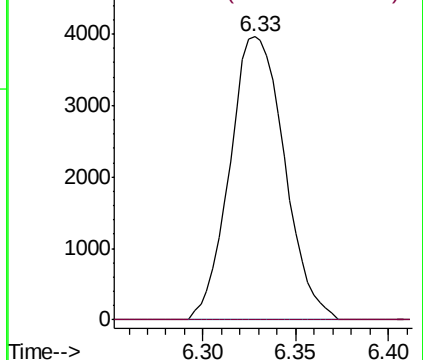


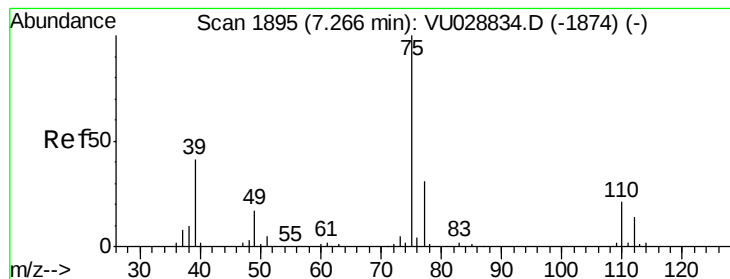
#37
1,2-Dichloropropane
Concen: 5.081 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028838.D
Acq: 20 Dec 2018 20:43

Tgt Ion: 63 Resp: 8144
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



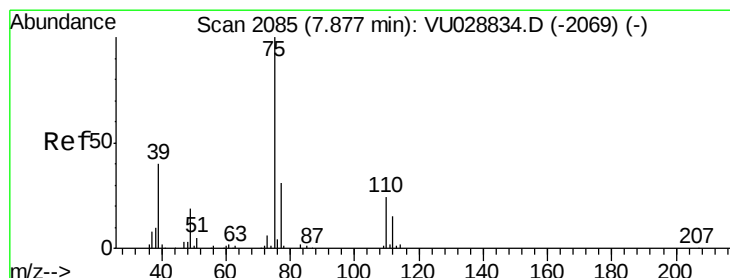
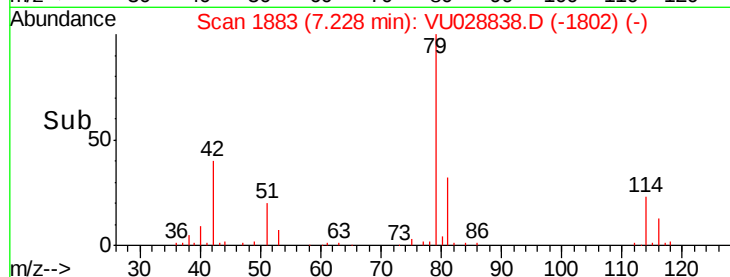
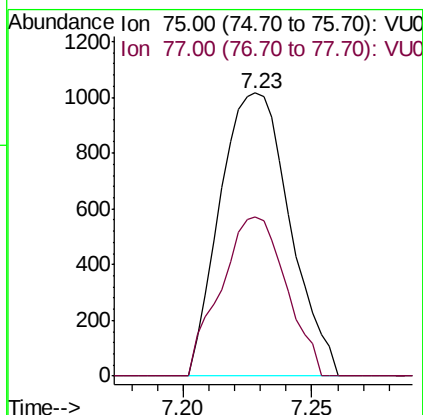
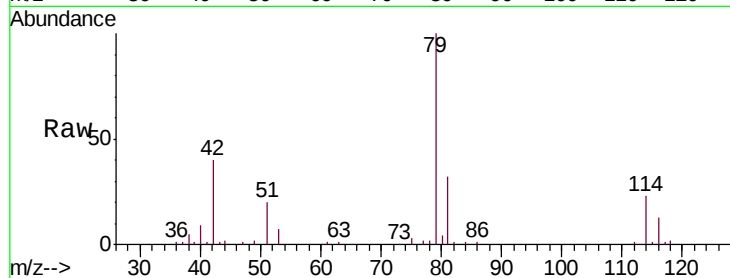


#39

cis-1,3-Dichloropropene
Concen: 0.838 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028838.D
Acq: 20 Dec 2018 20:43

Instrument :
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ClientSampleId :
BF039

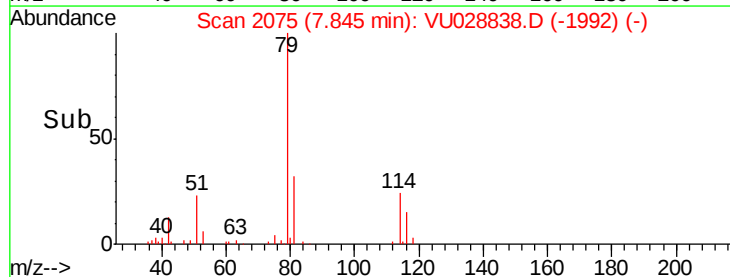
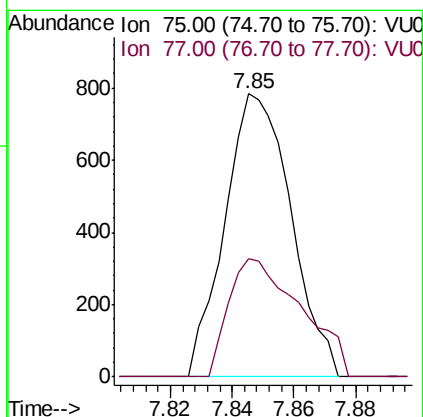
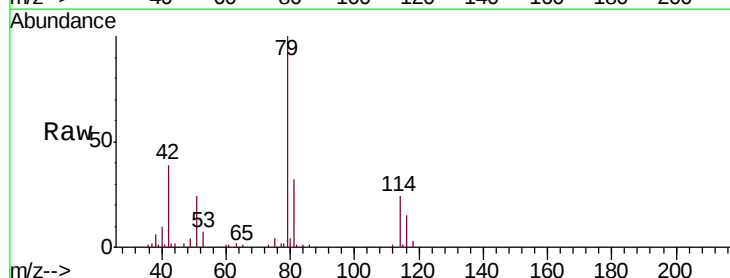
Tgt Ion: 75 Resp: 1916
Ion Ratio Lower Upper
75 100
77 56.5 21.8 40.6#

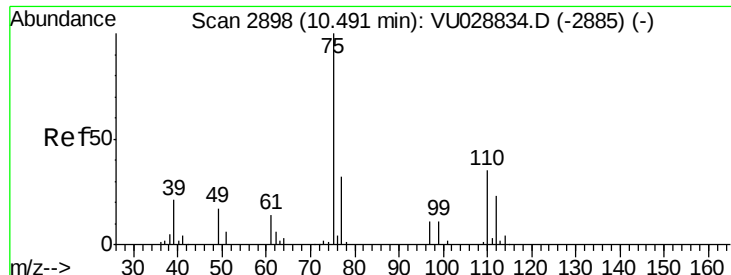


#44

trans-1,3-Dichloropropene
Concen: 0.570 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU028838.D
Acq: 20 Dec 2018 20:43

Tgt Ion: 75 Resp: 1161
Ion Ratio Lower Upper
75 100
77 42.0 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 4.764 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028838.D

Acq: 20 Dec 2018 20:43

Instrument :

MSVOA_U

ClientSampleId :

BF039

Tgt Ion: 75 Resp: 9112

Ion Ratio Lower Upper

75 100

77 36.1 25.5 38.3

