

Data File : VU028839.D
Acq On : 20 Dec 2018 21:07
Operator : MD/SY
Sample : J6507-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF030

Quant Time: Dec 21 06:00:53 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	196213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181401	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75330	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65081	41.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.74%
7) Chloroethane-d5	1.67	69	52544	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.50%
11) 1,1-Dichloroethene-d2	2.27	63	84803	32.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.12%
21) 2-Butanone-d5	4.18	46	113787	103.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.25%
24) Chloroform-d	4.65	84	111099	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
26) 1,2-Dichloroethane-d4	5.31	65	72077	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
32) Benzene-d6	5.34	84	242340	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.33	67	86324	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.57	98	213059	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%
43) trans-1,3-Dichloropropene-	7.85	79	36473	46.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.50%
47) 2-Hexanone-d5	8.31	63	87570	105.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116348	48.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	76687	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%

Target Compounds

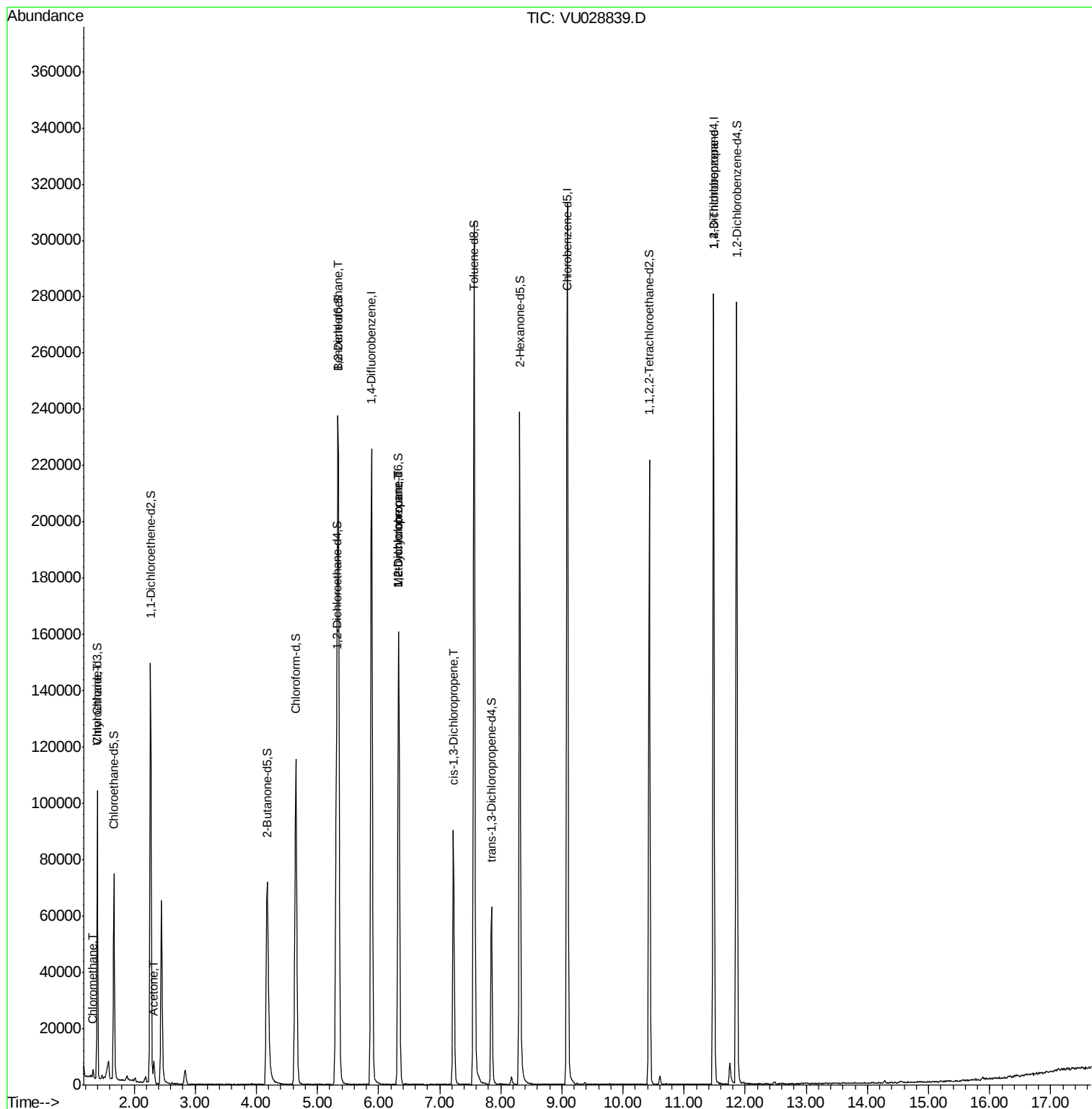
					Qvalue
3) Chloromethane	1.33	50	2244	1.031 ug/L	96
8) Chloroethane	1.40	64	945	0.861 ug/L #	1
13) Acetone	2.32	43	7651	6.812 ug/L	97
27) 1,2-Dichloroethane	5.34	62	1079	0.576 ug/L #	74
35) Methylcyclohexane	6.33	83	18145	7.814 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7903	4.895 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1881	0.817 ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	9188	4.769 ug/L	98

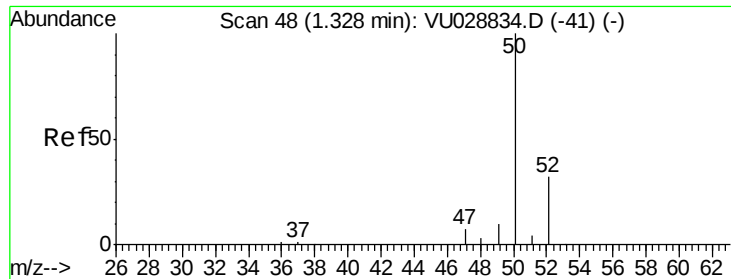
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.031 ug/L

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

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Acq: 20 Dec 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

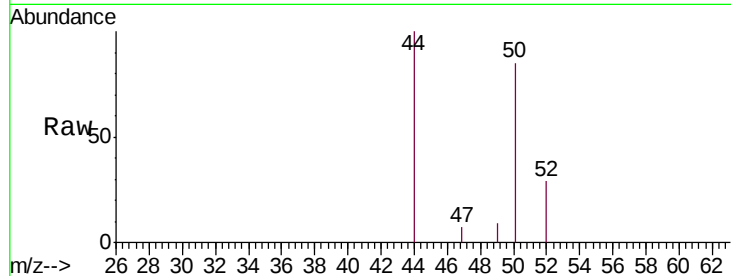
BF030

Tgt Ion: 50 Resp: 2244

Ion Ratio Lower Upper

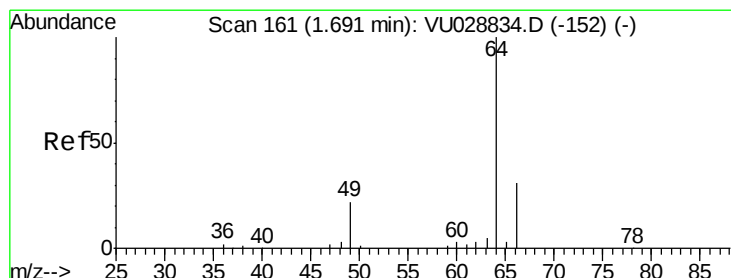
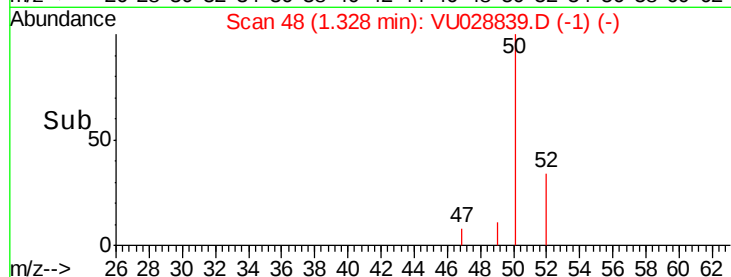
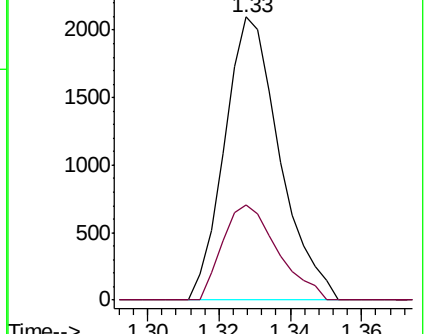
50 100

52 33.8 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#8

Chloroethane

Concen: 0.861 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028839.D

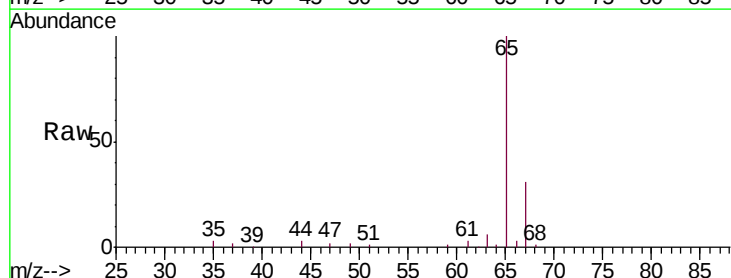
Acq: 20 Dec 2018 21:07

Tgt Ion: 64 Resp: 945

Ion Ratio Lower Upper

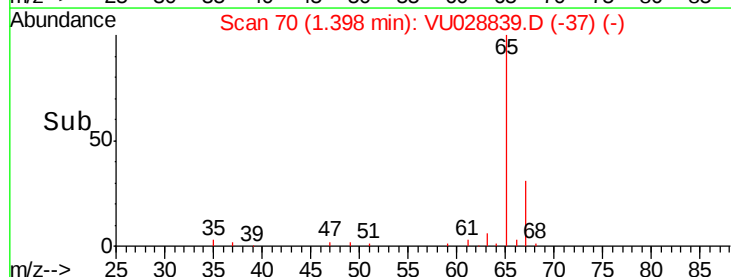
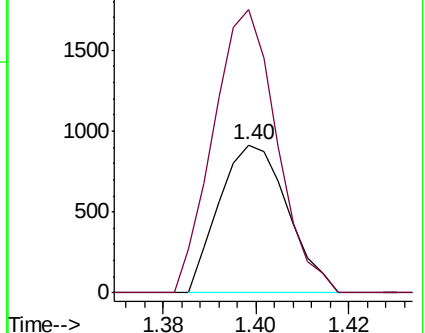
64 100

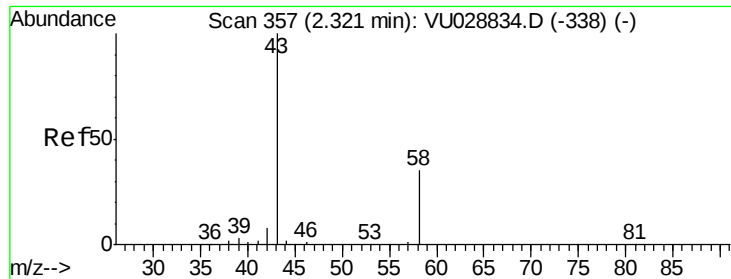
66 190.8 21.5 39.9#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#13

Acetone

Concen: 6.812 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

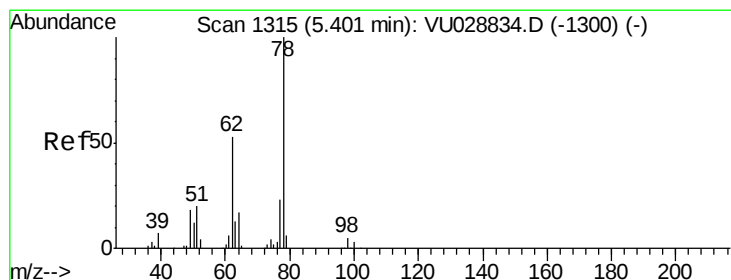
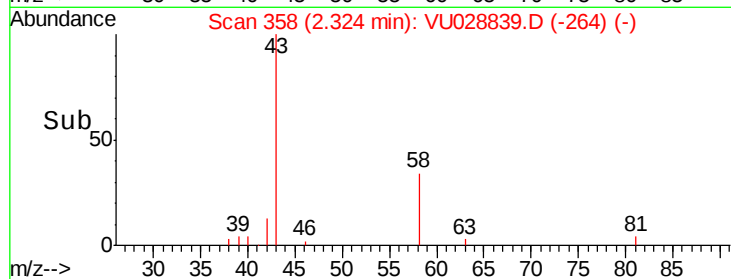
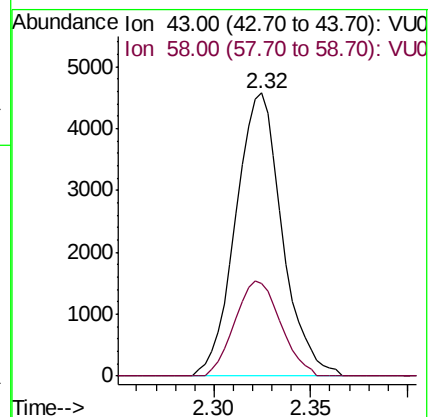
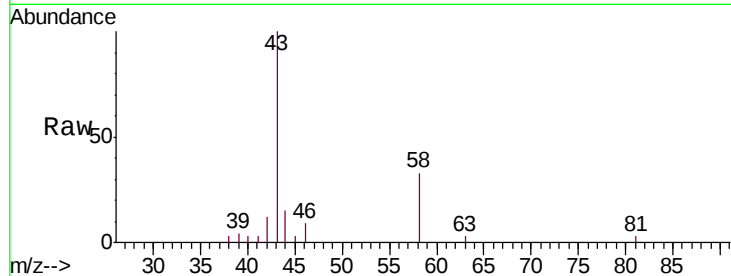
BF030

Tgt Ion: 43 Resp: 7651

Ion Ratio Lower Upper

43 100

58 33.1 0.0 70.2



#27

1,2-Dichloroethane

Concen: 0.576 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.06 min

Lab File: VU028839.D

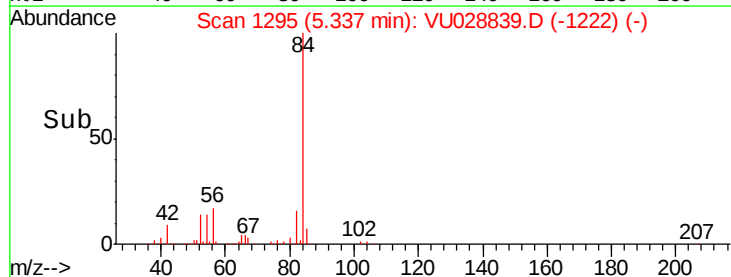
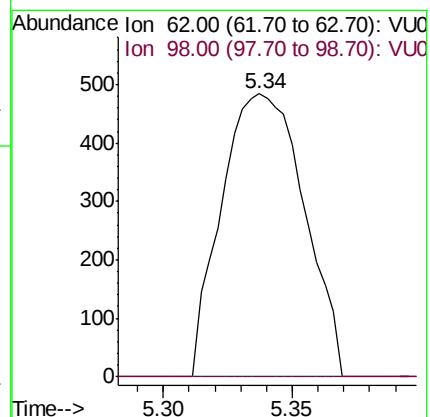
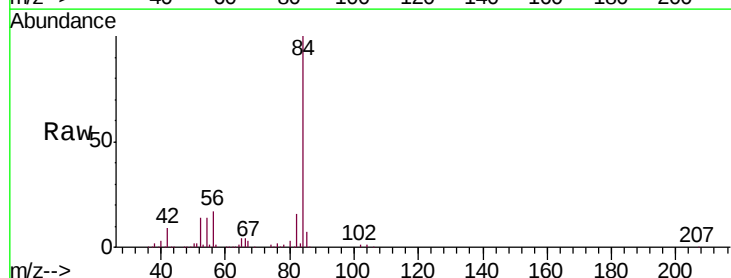
Acq: 20 Dec 2018 21:07

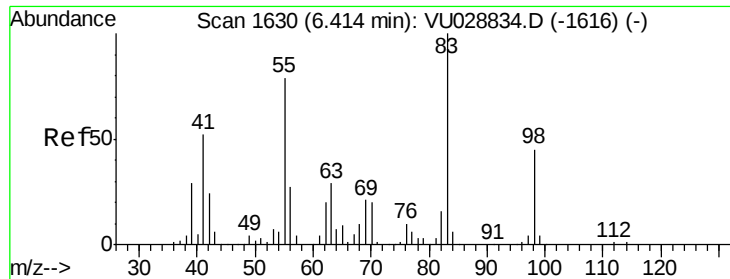
Tgt Ion: 62 Resp: 1079

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#

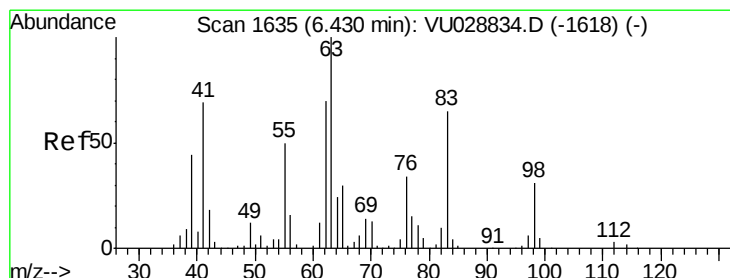
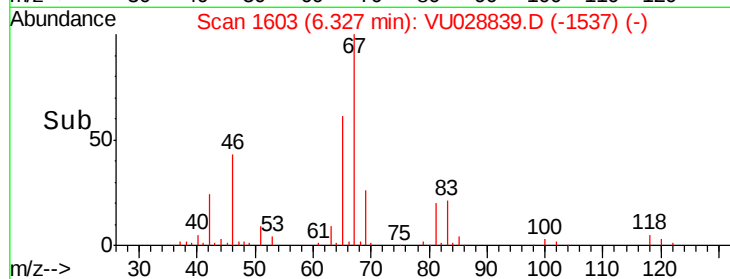
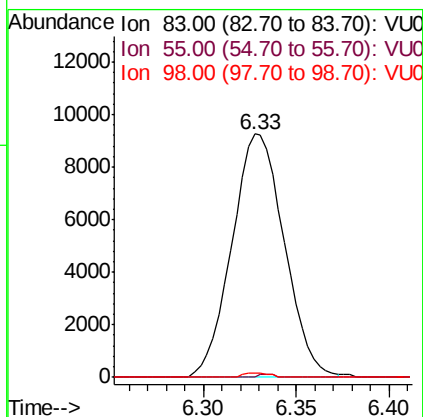
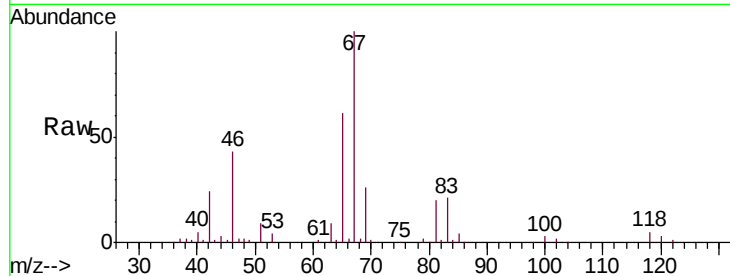




#35
Methylcyclohexane
Concen: 7.814 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028839.D
Acq: 20 Dec 2018 21:07

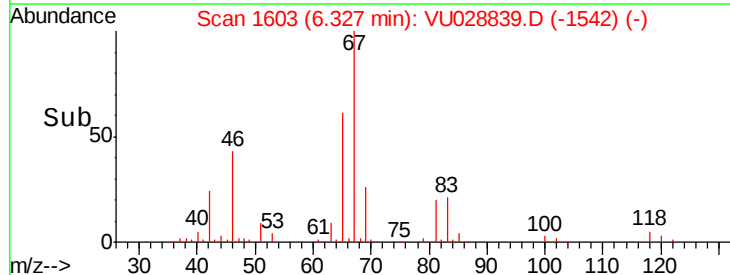
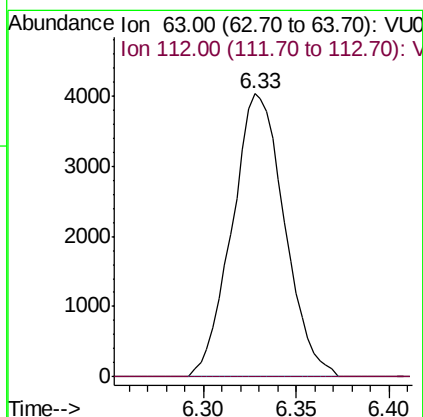
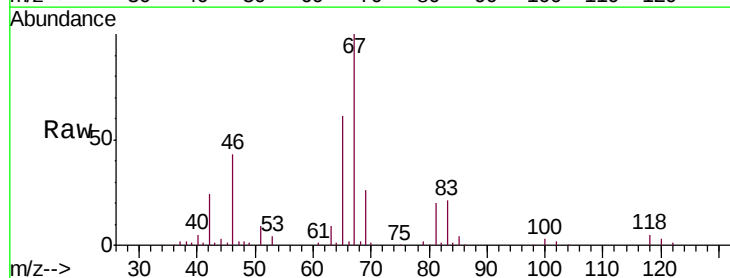
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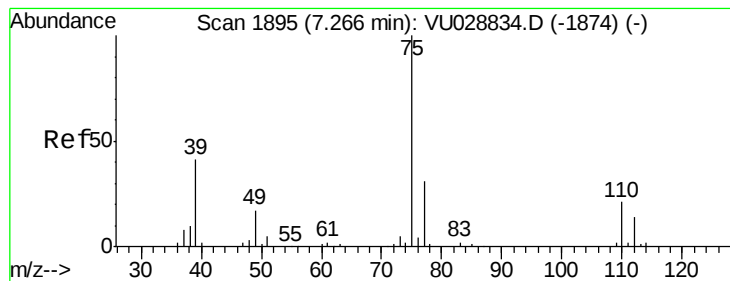
Tgt Ion: 83 Resp: 18145
Ion Ratio Lower Upper
83 100
55 0.4 63.7 95.5#
98 0.9 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 4.895 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028839.D
Acq: 20 Dec 2018 21:07

Tgt Ion: 63 Resp: 7903
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



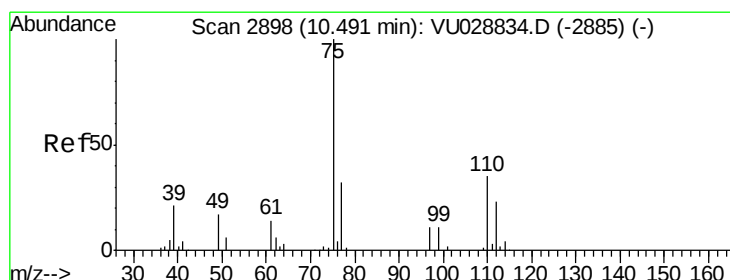
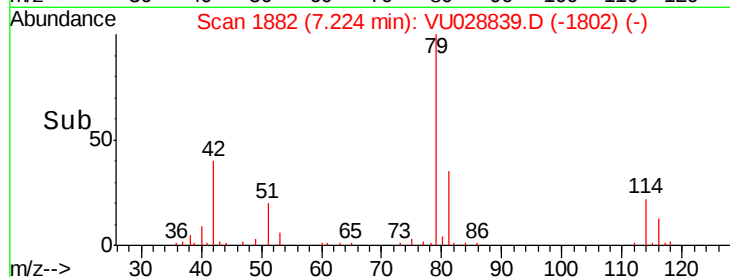
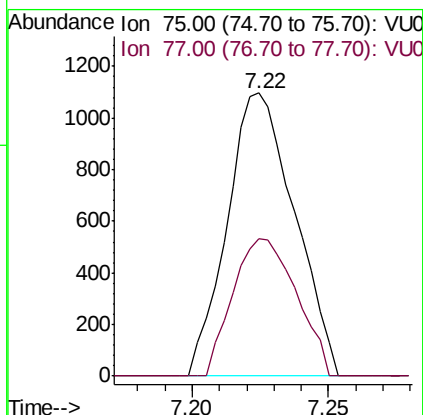
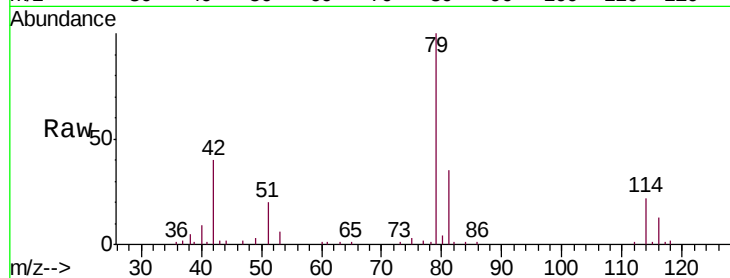


#39

cis-1,3-Dichloropropene
 Concen: 0.817 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028839.D
 Acq: 20 Dec 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 BF030

Tgt Ion: 75 Resp: 1881
 Ion Ratio Lower Upper
 75 100
 77 48.4 21.8 40.6#



#59

1,2,3-Trichloropropane
 Concen: 4.769 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028839.D
 Acq: 20 Dec 2018 21:07

Tgt Ion: 75 Resp: 9188
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.5 38.3

