

Data File : VU026839.D
Acq On : 17 Sep 2018 22:28
Operator : MD/SY
Sample : J4893-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08N5

Quant Time: Sep 18 01:39:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	236960	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82612	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.26%
7) Chloroethane-d5	1.68	69	72822	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.08%
11) 1,1-Dichloroethene-d2	2.27	63	118193	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	4.18	46	117102	100.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.67%
24) Chloroform-d	4.65	84	154437	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.31	65	102728	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
32) Benzene-d6	5.34	84	320459	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
36) 1,2-Dichloropropane-d6	6.33	67	103800	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.90%
41) Toluene-d8	7.57	98	269465	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%
43) trans-1,3-Dichloropropene-	7.85	79	42049	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.36%
47) 2-Hexanone-d5	8.31	63	81187	102.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	137811	48.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	104340	55.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.48%

Target Compounds

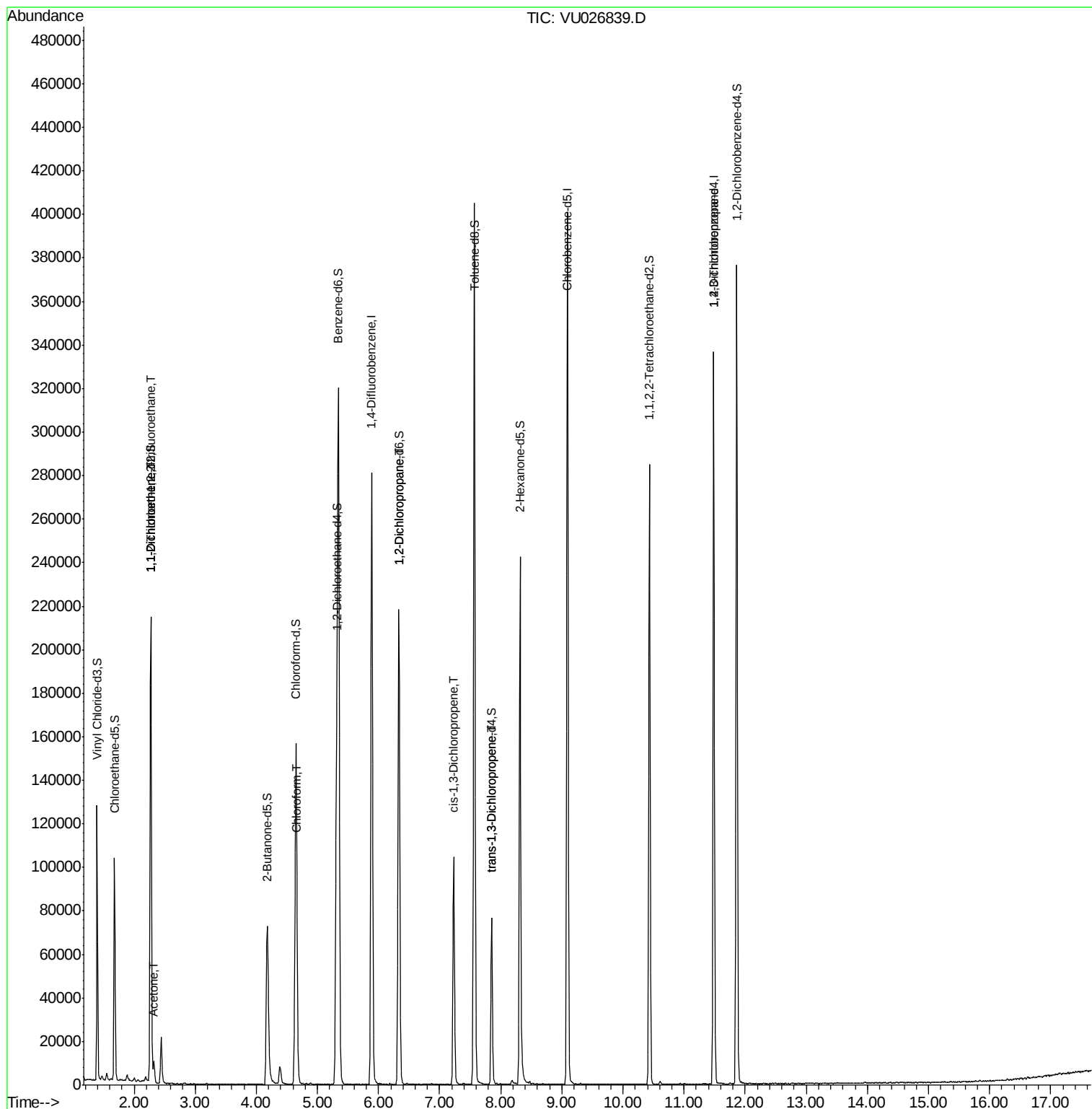
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	999	0.611	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	868	0.565	ug/L #	1
13) Acetone	2.32	43	9099	7.958	ug/L	97
25) Chloroform	4.67	83	3474	1.051	ug/L	96
37) 1,2-Dichloropropane	6.33	63	10942	5.750	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2409	0.896	ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	1834	0.729	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	10235	4.490	ug/L	93

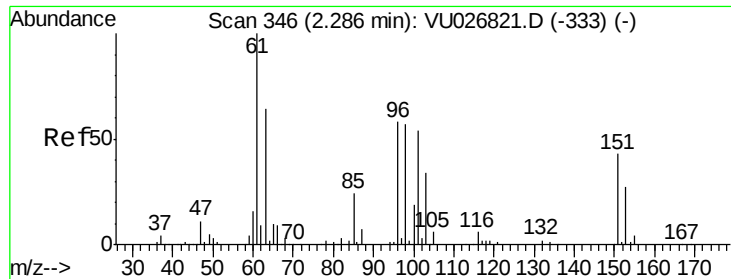
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.611 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

C08N5

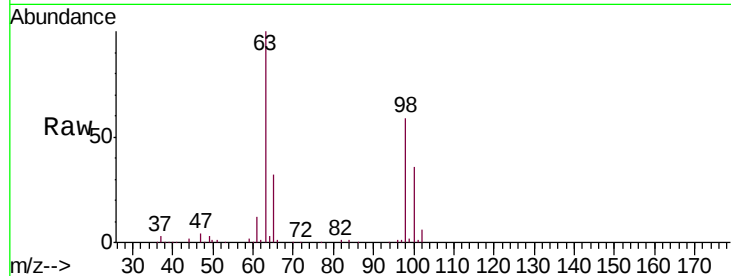
Tgt Ion: 101 Resp: 999

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#



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

2.27

800

600

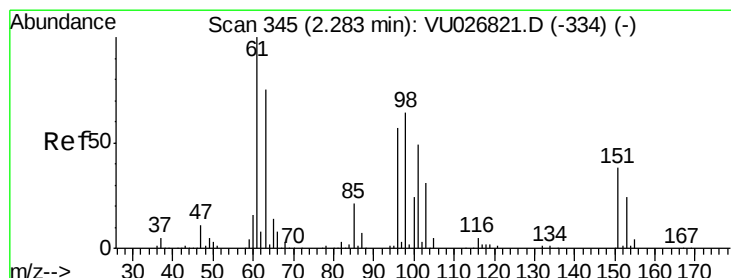
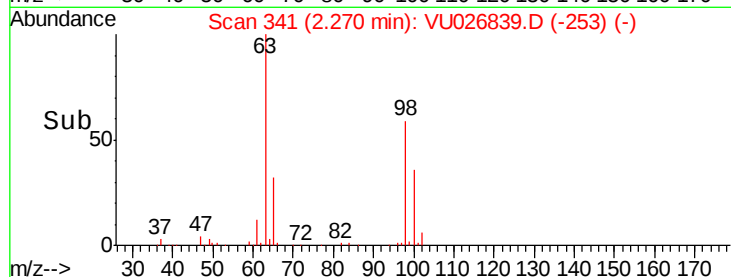
400

200

0

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.565 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU026839.D

Acq: 17 Sep 2018 22:28

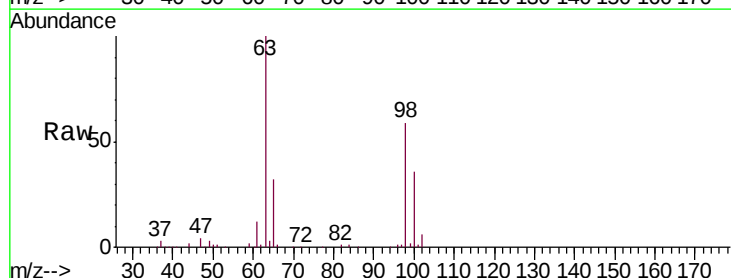
Tgt Ion: 96 Resp: 868

Ion Ratio Lower Upper

96 100

61 1577.0 124.0 230.4#

63 13126.5 97.7 181.5#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

100000

80000

60000

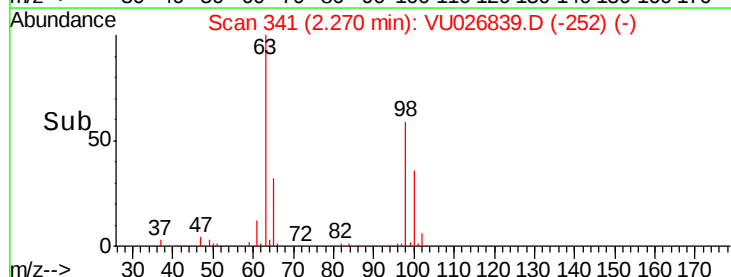
40000

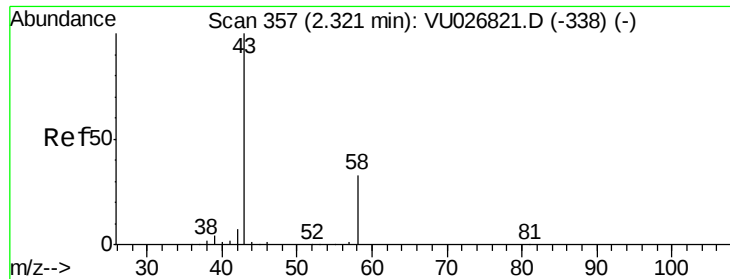
20000

0

2.24 2.26 2.28 2.30

Time-->





#13

Acetone

Concen: 7.958 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026839.D

Acq: 17 Sep 2018 22:28

Instrument :

MSVOA_U

ClientSampleId :

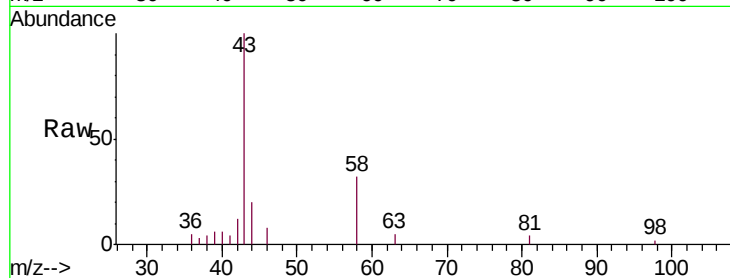
C08N5

Tgt Ion: 43 Resp: 9099

Ion Ratio Lower Upper

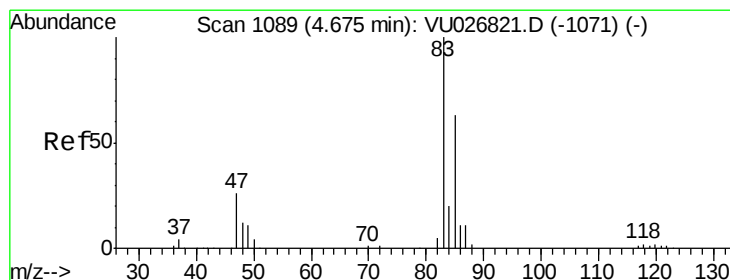
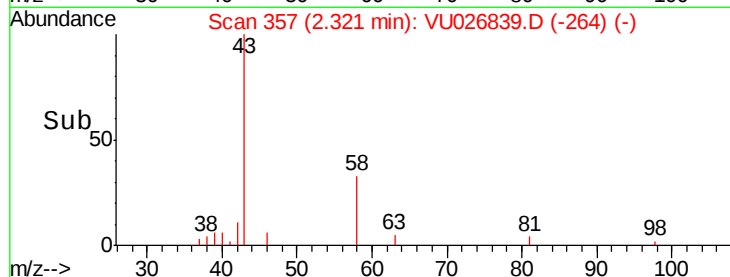
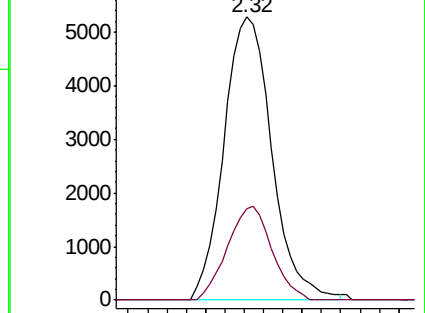
43 100

58 30.6 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 1.051 ug/L

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU026839.D

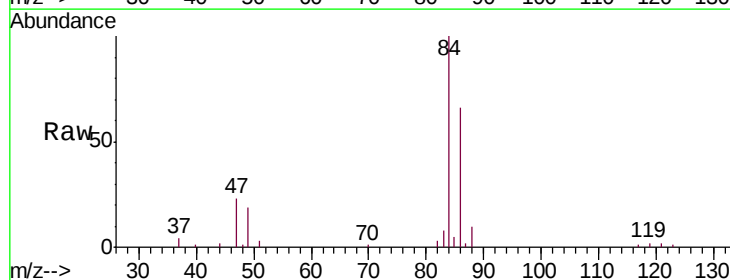
Acq: 17 Sep 2018 22:28

Tgt Ion: 83 Resp: 3474

Ion Ratio Lower Upper

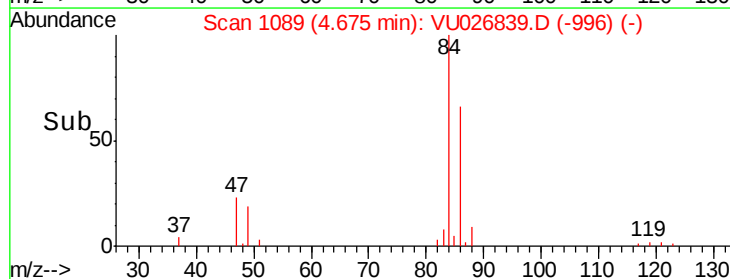
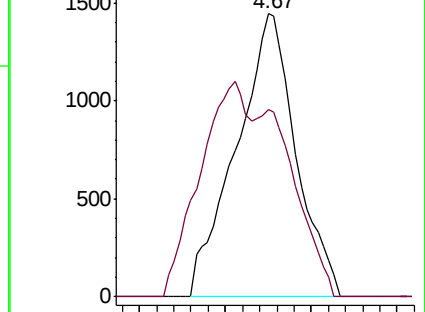
83 100

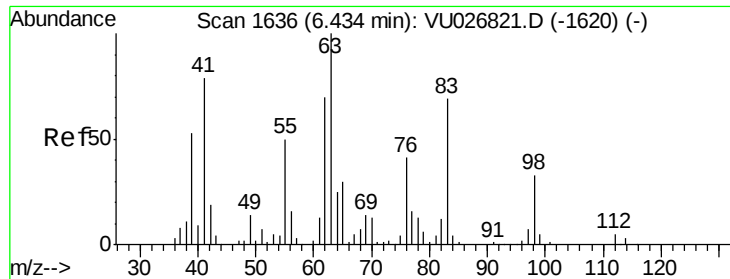
85 66.3 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

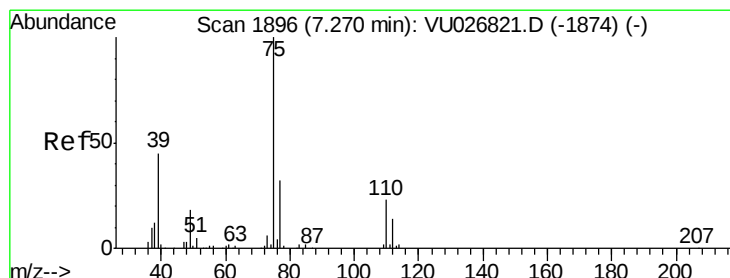
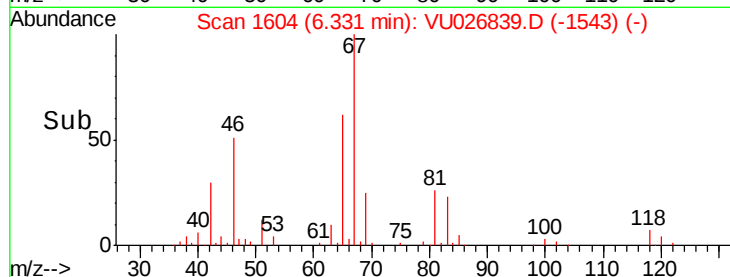
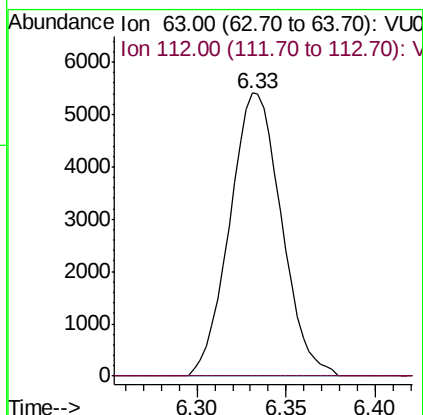
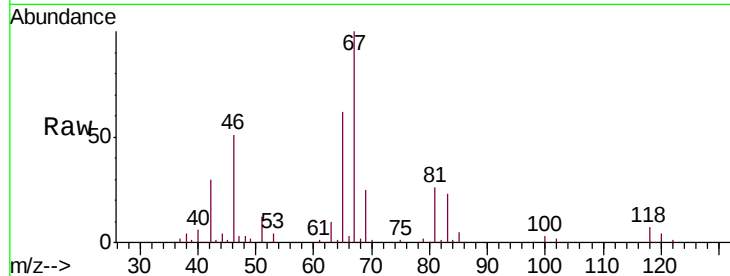




#37
 1,2-Dichloropropane
 Concen: 5.750 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026839.D
 Acq: 17 Sep 2018 22:28

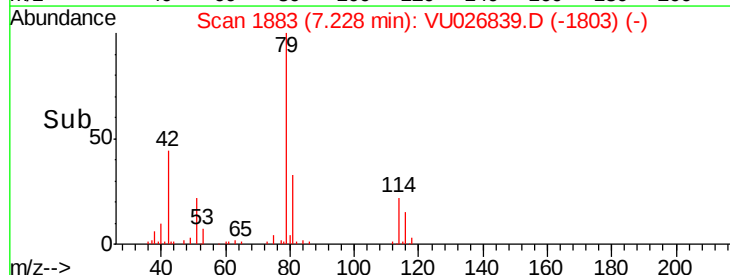
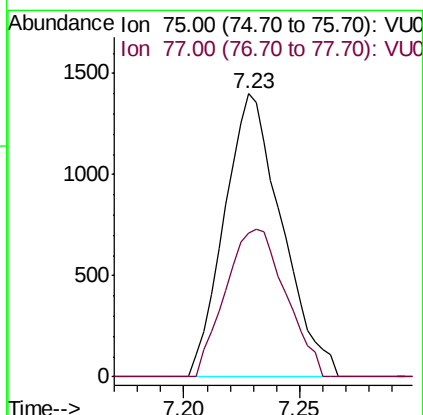
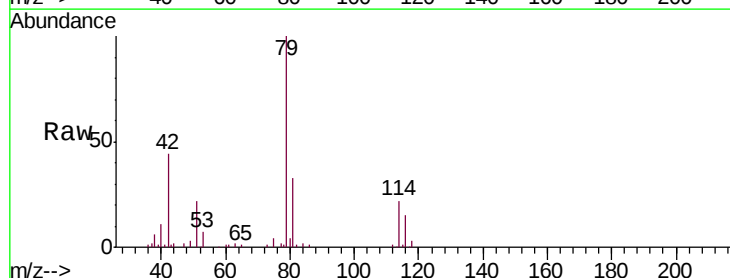
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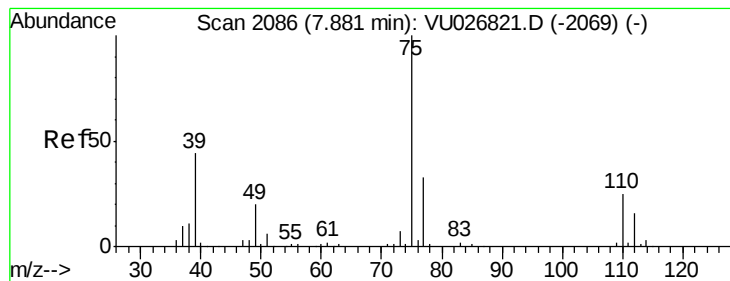
Tgt Ion: 63 Resp: 10942
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.896 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026839.D
 Acq: 17 Sep 2018 22:28

Tgt Ion: 75 Resp: 2409
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.729 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026839.D

Acq: 17 Sep 2018 22:28

Instrument :

MSVOA_U

ClientSampled :

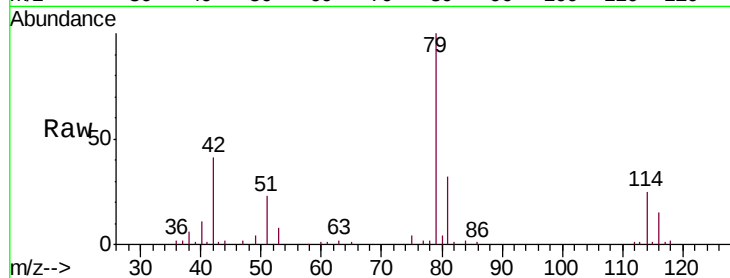
C08N5

Tgt Ion: 75 Resp: 1834

Ion Ratio Lower Upper

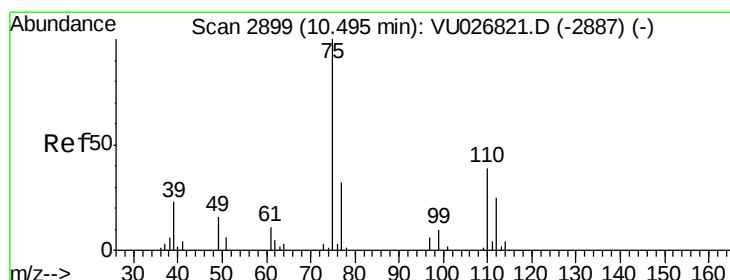
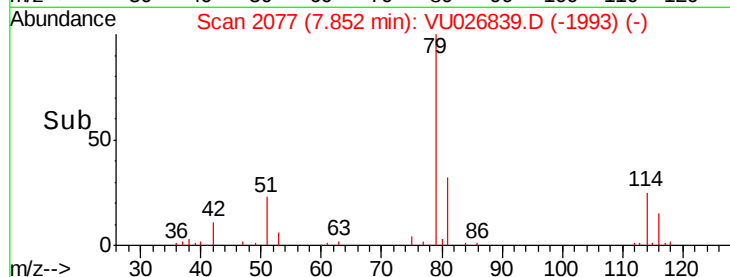
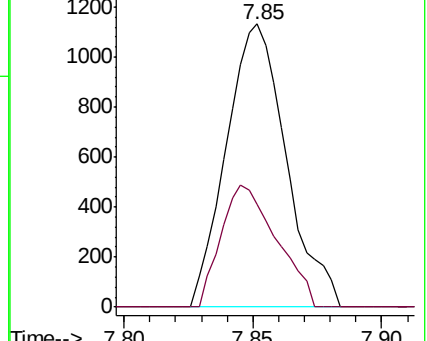
75 100

77 36.1 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.490 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026839.D

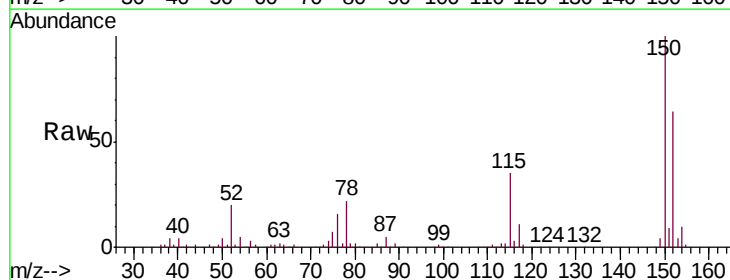
Acq: 17 Sep 2018 22:28

Tgt Ion: 75 Resp: 10235

Ion Ratio Lower Upper

75 100

77 35.7 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

