

Data File : VU026837.D
Acq On : 17 Sep 2018 21:41
Operator : MD/SY
Sample : J4893-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08R9

Quant Time: Sep 18 01:39:41 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	242785	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230967	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93648	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81168	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.38%
7) Chloroethane-d5	1.68	69	72619	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.48%
11) 1,1-Dichloroethene-d2	2.27	63	119419	35.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.28%
21) 2-Butanone-d5	4.18	46	126014	105.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.73%
24) Chloroform-d	4.65	84	157080	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.31	65	102389	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.34	84	318426	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
36) 1,2-Dichloropropane-d6	6.33	67	104216	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.94%
41) Toluene-d8	7.57	98	269583	46.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	43089	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.31	63	87355	106.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140831	48.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	104043	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%

Target Compounds

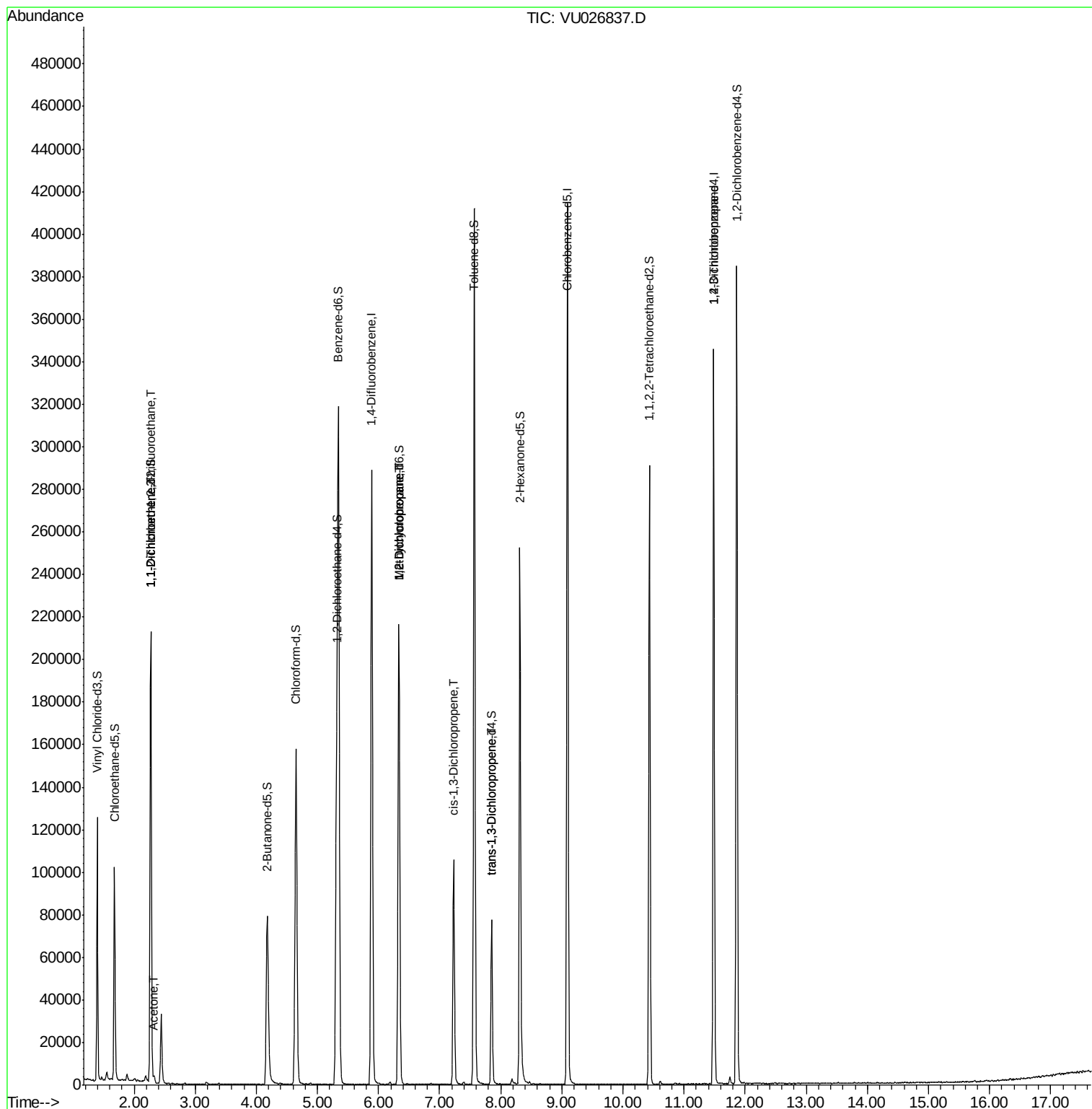
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1065	0.635	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	972	0.617	ug/L #	1
13) Acetone	2.32	43	2103	1.795	ug/L	90
35) Methylcyclohexane	6.33	83	24589	8.778	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	10981	5.582	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2430	0.875	ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	1811	0.696	ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	10066	4.272	ug/L #	87

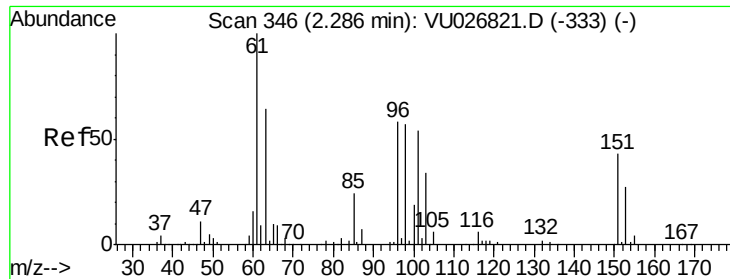
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.635 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

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Acq: 17 Sep 2018 21:41

Instrument :

MSVOA_U

ClientSampleId :

C08R9

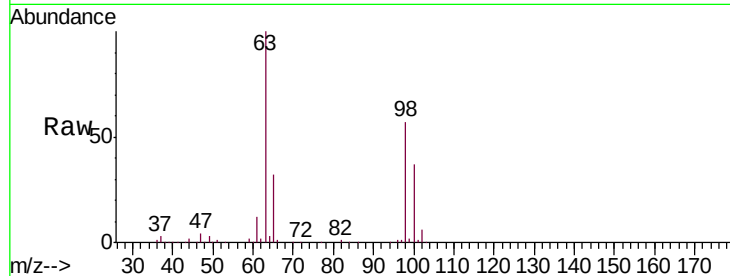
Tgt Ion: 101 Resp: 1065

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

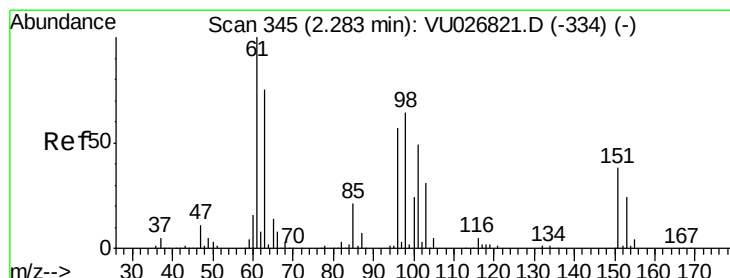
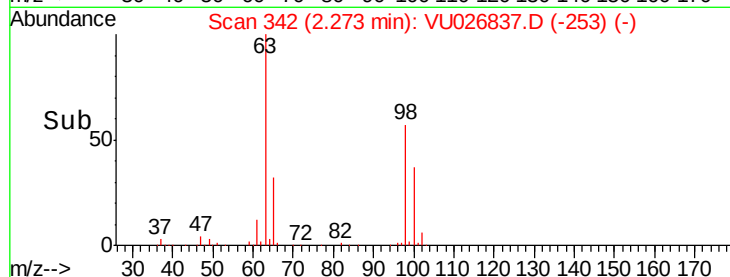
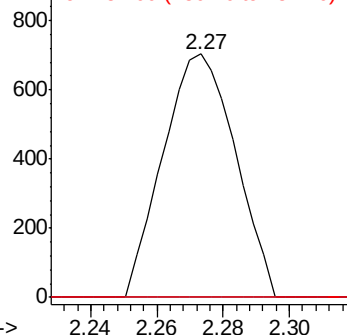
151 0.0 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 0.617 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU026837.D

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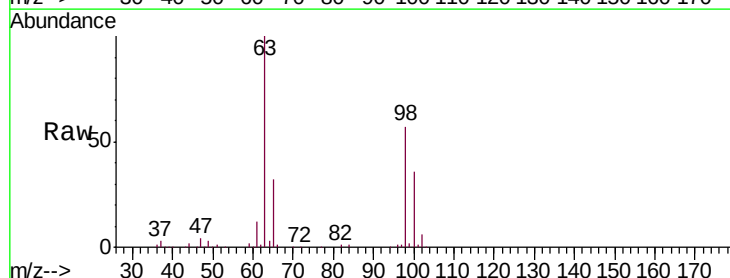
Tgt Ion: 96 Resp: 972

Ion Ratio Lower Upper

96 100

61 1410.6 124.0 230.4#

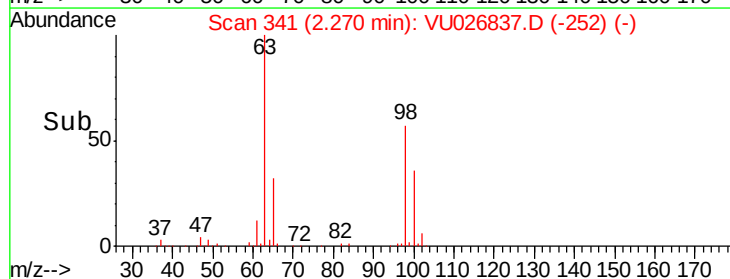
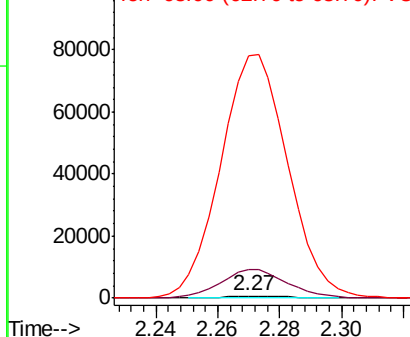
63 11784.9 97.7 181.5#

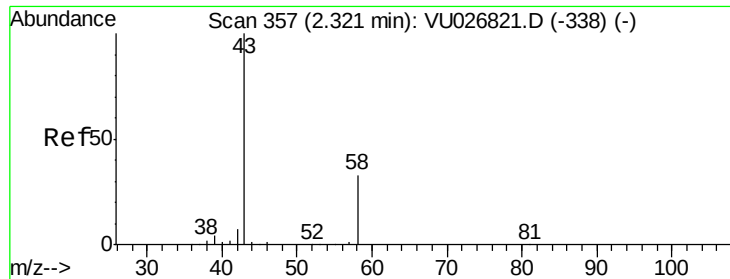


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.795 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

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Acq: 17 Sep 2018 21:41

Instrument :

MSVOA_U

ClientSampled :

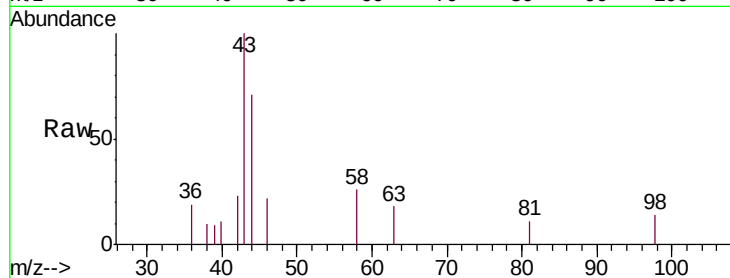
C08R9

Tgt Ion: 43 Resp: 2103

Ion Ratio Lower Upper

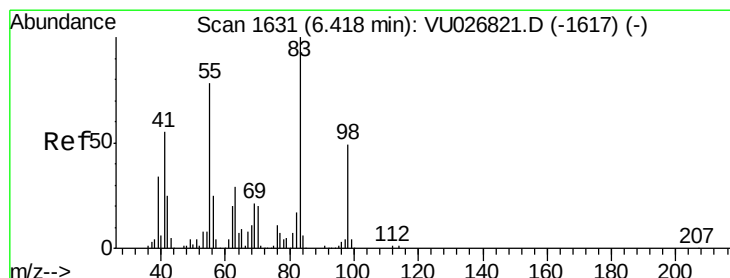
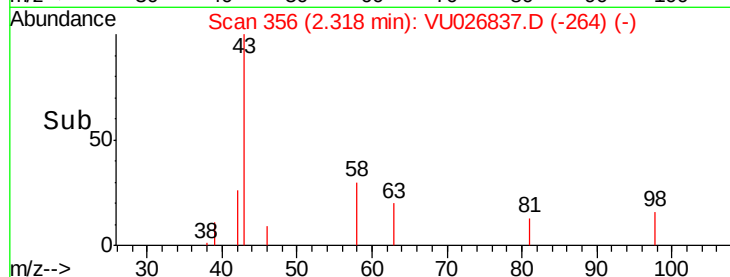
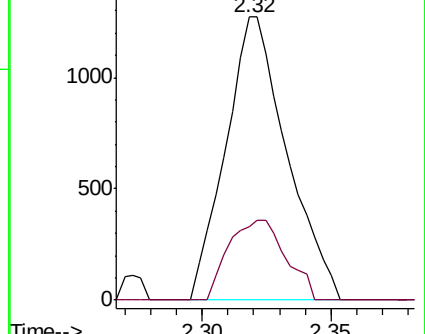
43 100

58 26.5 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 8.778 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026837.D

Acq: 17 Sep 2018 21:41

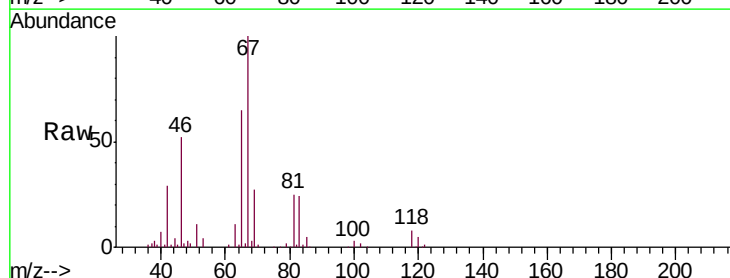
Tgt Ion: 83 Resp: 24589

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

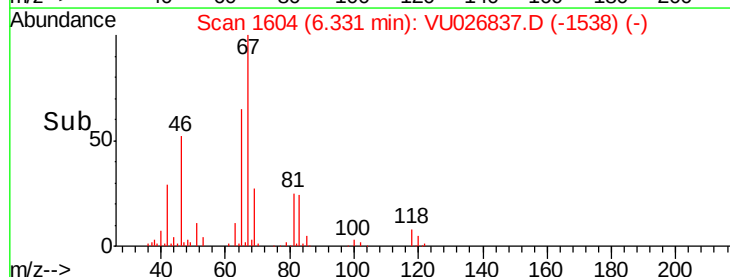
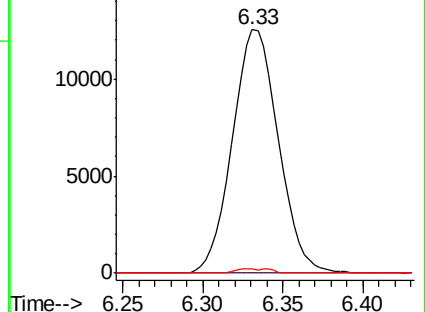
98 0.8 38.3 57.5#

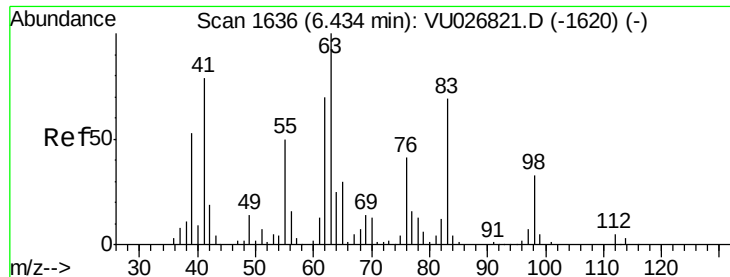


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

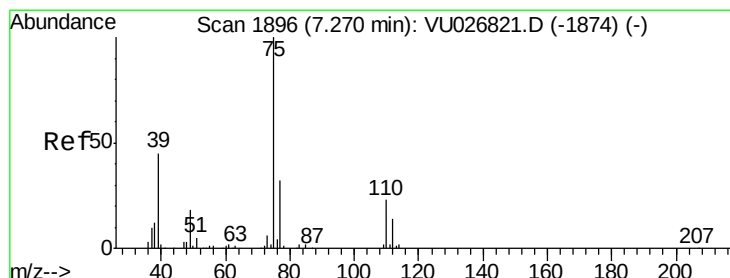
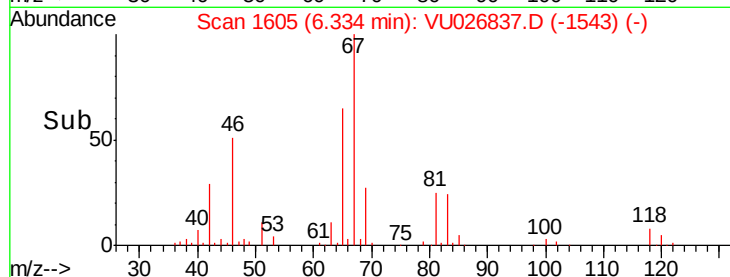
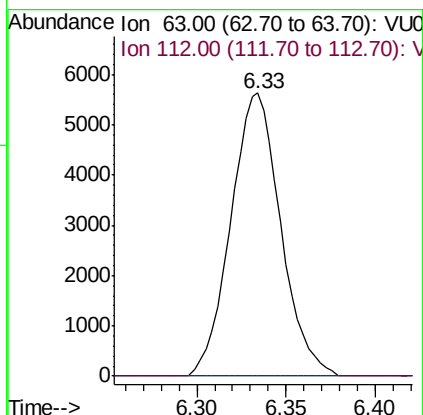
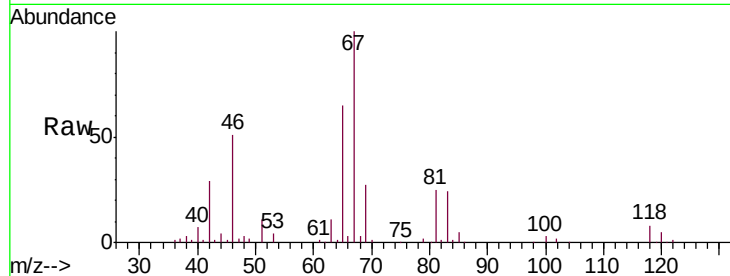




#37
 1,2-Dichloropropane
 Concen: 5.582 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026837.D
 Acq: 17 Sep 2018 21:41

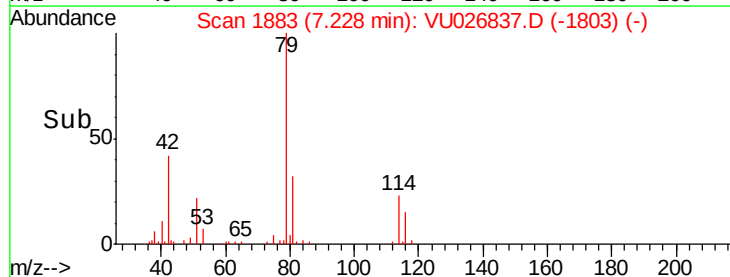
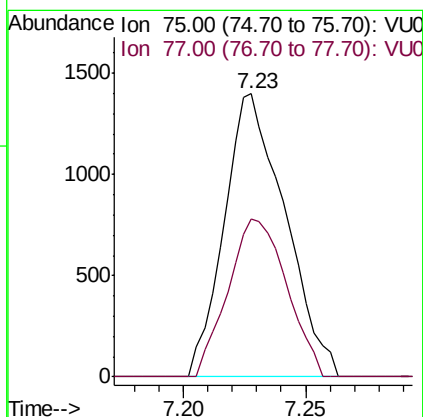
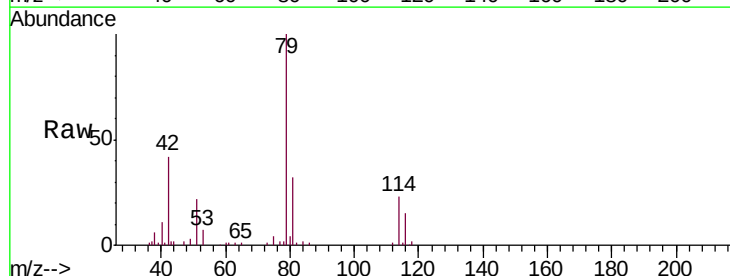
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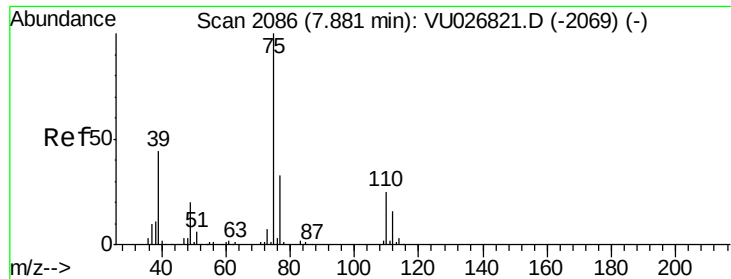
Tgt Ion: 63 Resp: 10981
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.875 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026837.D
 Acq: 17 Sep 2018 21:41

Tgt Ion: 75 Resp: 2430
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.696 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026837.D

Acq: 17 Sep 2018 21:41

Instrument :

MSVOA_U

ClientSampleId :

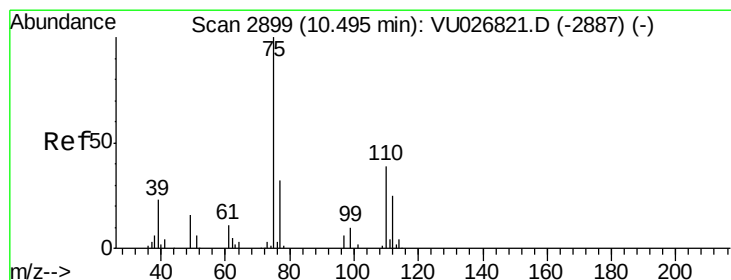
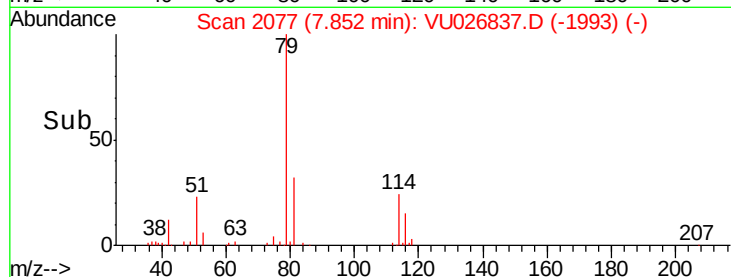
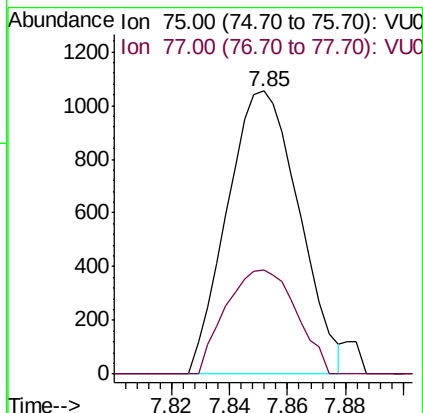
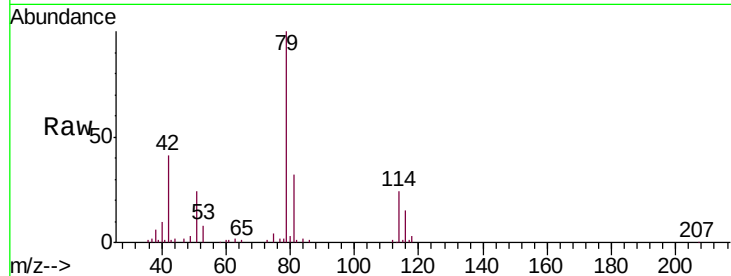
C08R9

Tgt Ion: 75 Resp: 1811

Ion Ratio Lower Upper

75 100

77 37.0 22.8 42.4



#59

1,2,3-Trichloropropane

Concen: 4.272 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU026837.D

Acq: 17 Sep 2018 21:41

Tgt Ion: 75 Resp: 10066

Ion Ratio Lower Upper

75 100

77 39.3 25.5 38.3#

