

Data File : VU026836.D
Acq On : 17 Sep 2018 21:18
Operator : MD/SY
Sample : J4893-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08S5

Quant Time: Sep 18 01:39:33 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	236687	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224523	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90318	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83800	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.72%
7) Chloroethane-d5	1.68	69	73458	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.04%
11) 1,1-Dichloroethene-d2	2.27	63	120123	36.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.52%
21) 2-Butanone-d5	4.18	46	129355	111.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.33%
24) Chloroform-d	4.65	84	159107	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.31	65	104837	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
32) Benzene-d6	5.34	84	324758	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
36) 1,2-Dichloropropane-d6	6.33	67	106421	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.98%
41) Toluene-d8	7.57	98	275088	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%
43) trans-1,3-Dichloropropene-	7.85	79	43513	48.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.14%
47) 2-Hexanone-d5	8.31	63	90063	113.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143870	50.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	106871	56.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.76%

Target Compounds

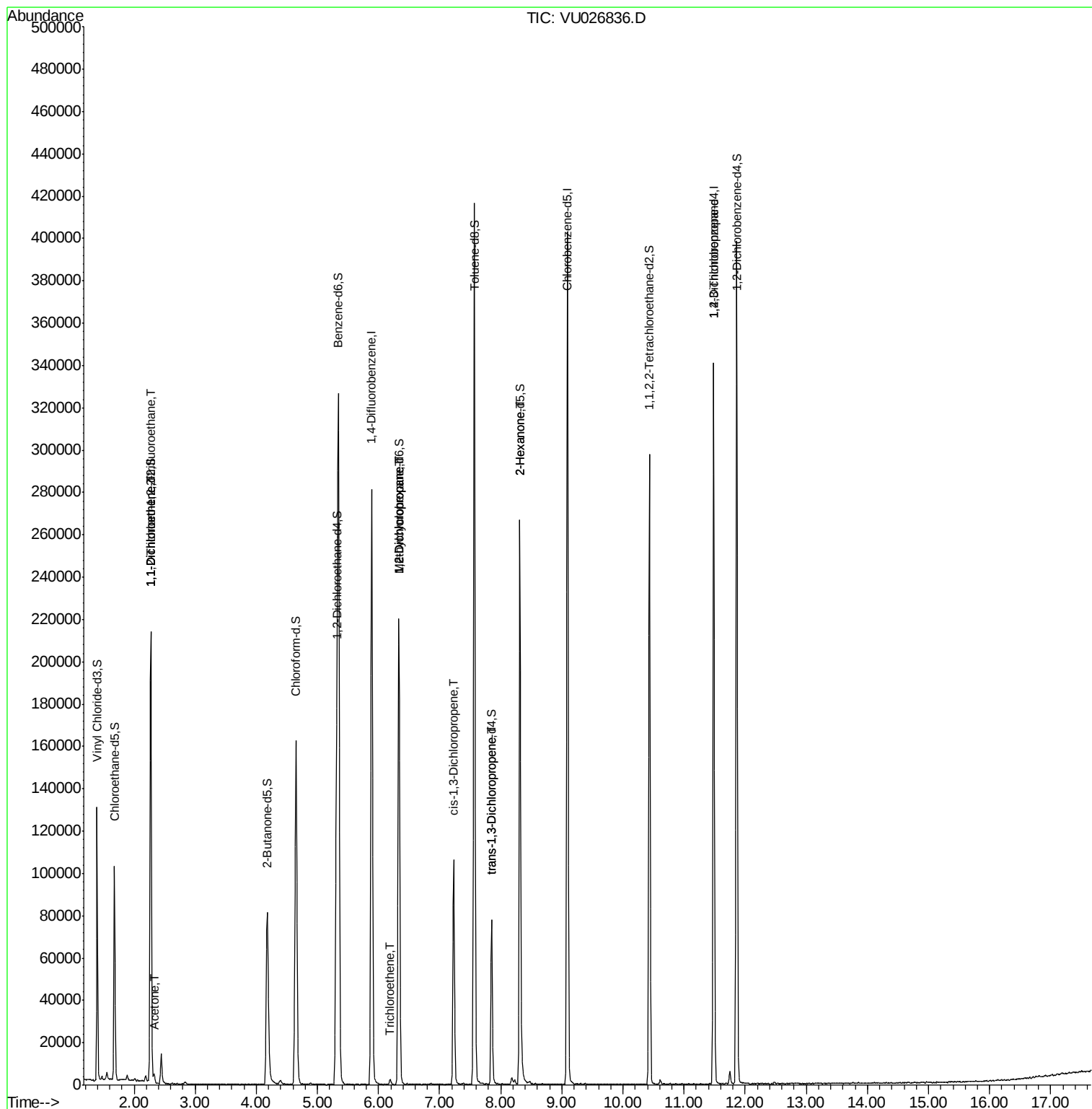
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1054	0.645	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	933	0.608	ug/L #	1
13) Acetone	2.32	43	3097	2.712	ug/L	94
34) Trichloroethene	6.19	95	914	0.547	ug/L	92
35) Methylcyclohexane	6.33	83	25200	9.255	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	11030	5.768	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2665	0.987	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	1765	0.698	ug/L	90
48) 2-Hexanone	8.31	43	10568	5.766	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	10102	4.410	ug/L	89

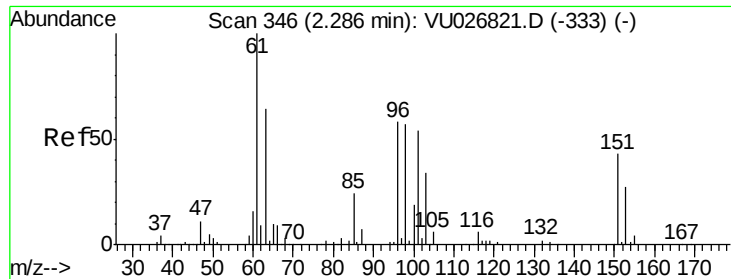
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.645 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

C08S5

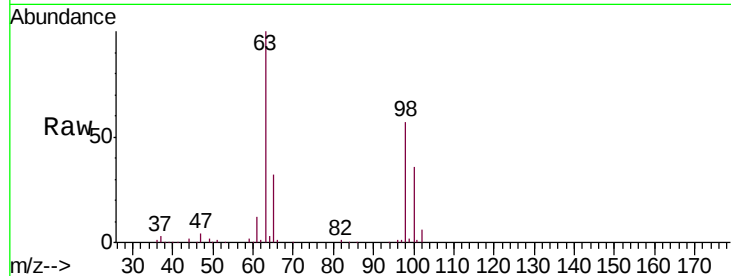
Tgt Ion: 101 Resp: 1054

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

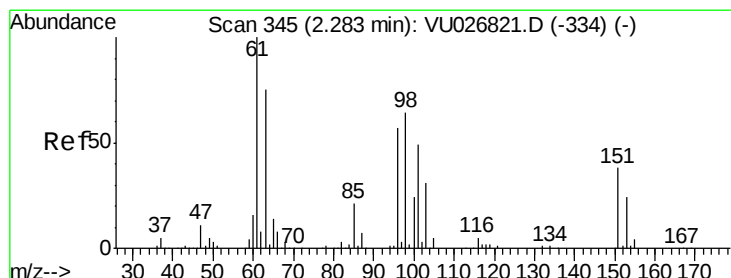
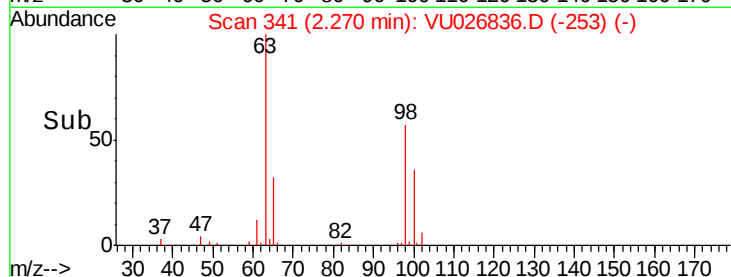
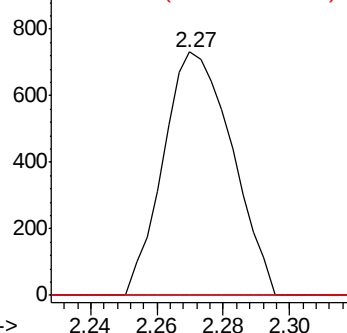
151 0.0 63.0 94.4#



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: 0.608 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU026836.D

Acq: 17 Sep 2018 21:18

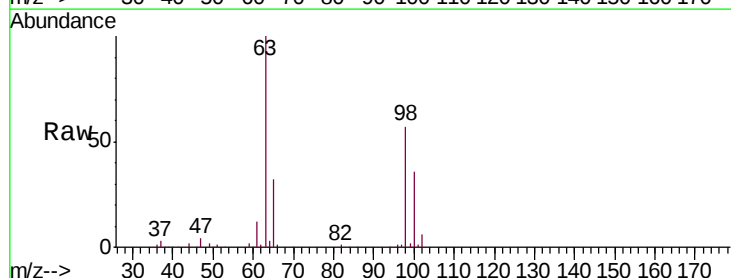
Tgt Ion: 96 Resp: 933

Ion Ratio Lower Upper

96 100

61 1459.6 124.0 230.4#

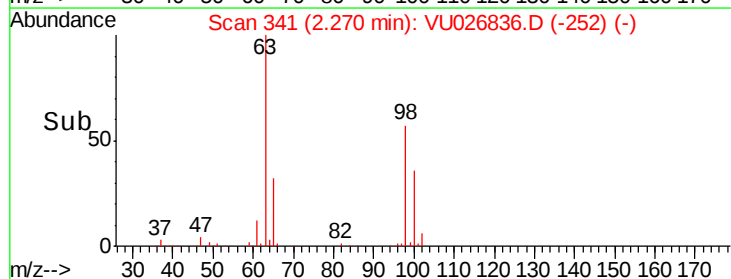
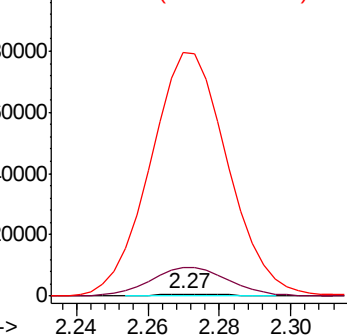
63 12365.8 97.7 181.5#

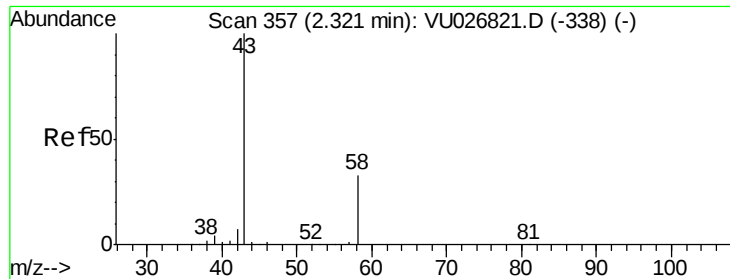


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.712 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

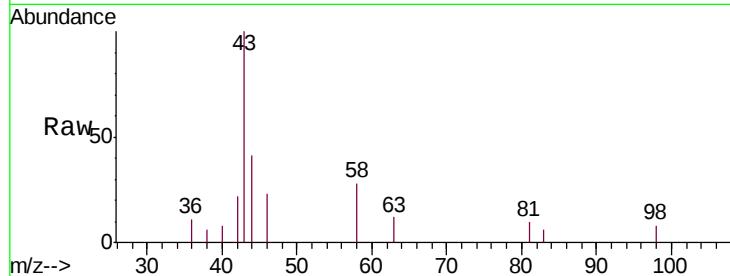
C08S5

Tgt Ion: 43 Resp: 3097

Ion Ratio Lower Upper

43 100

58 28.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

1500

1000

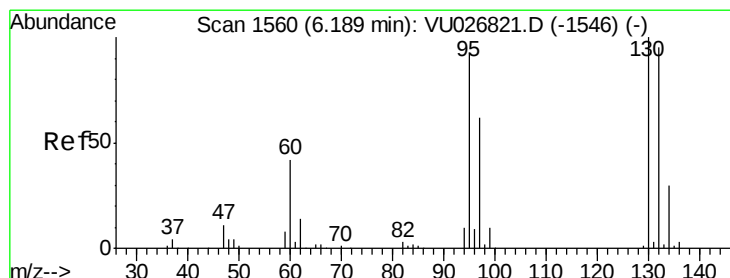
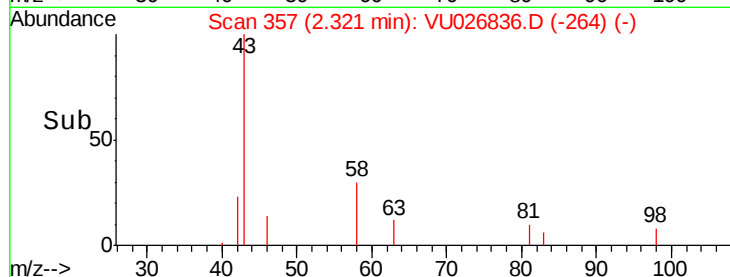
500

0

Time-->

2.30

2.35



#34

Trichloroethene

Concen: 0.547 ug/L

RT: 6.19 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VU026836.D

Acq: 17 Sep 2018 21:18

Tgt Ion: 95 Resp: 914

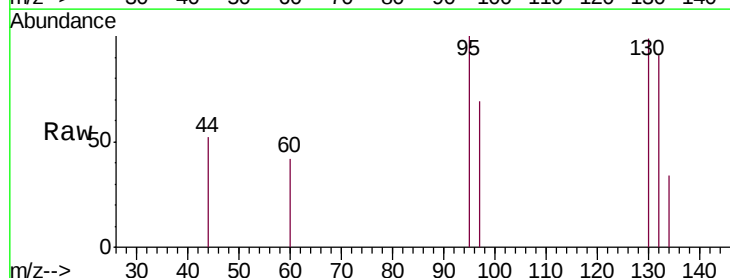
Ion Ratio Lower Upper

95 100

97 69.4 46.3 85.9

132 91.4 71.7 133.1

130 99.0 75.3 139.8



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

800

600

400

200

0

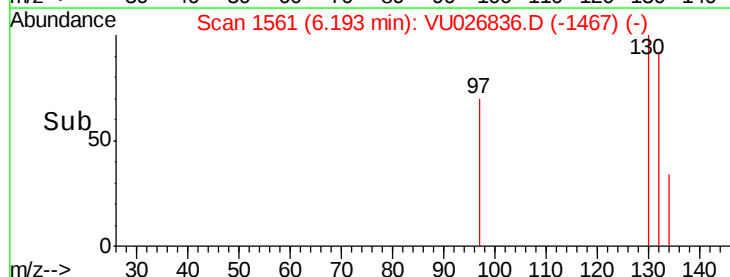
Time-->

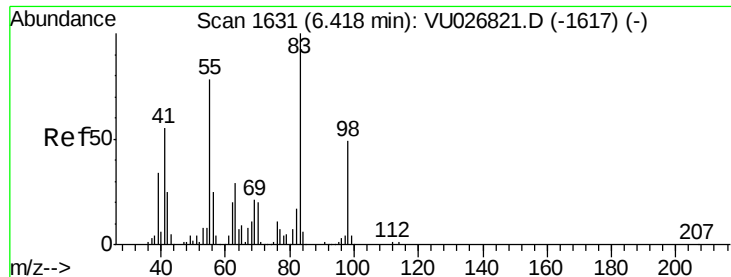
6.16

6.18

6.20

6.22

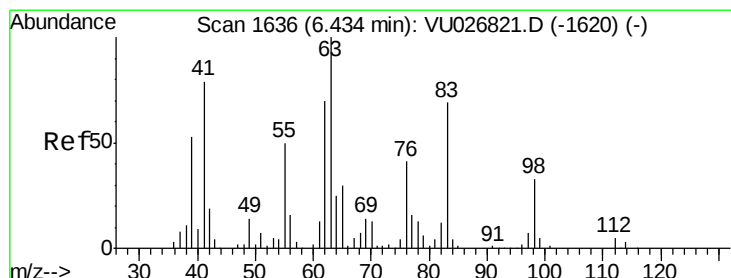
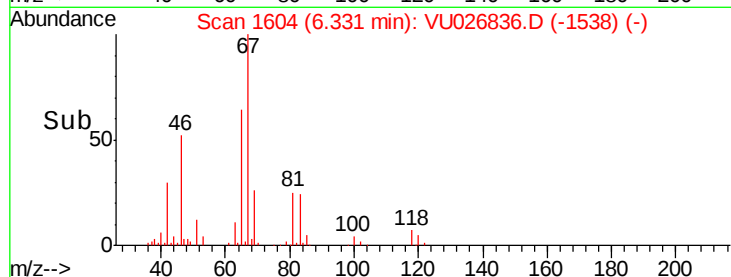
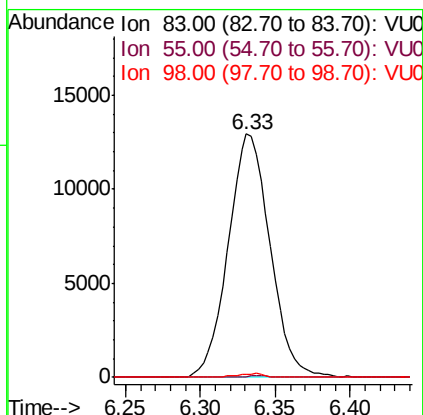
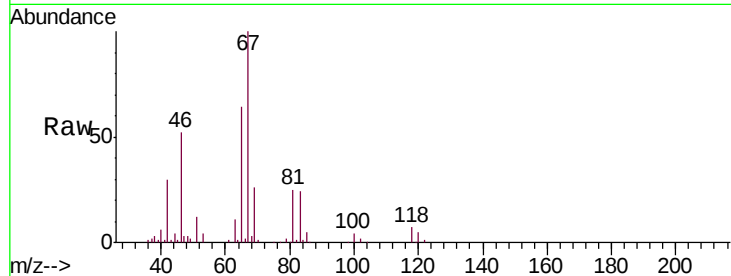




#35
Methylcyclohexane
Concen: 9.255 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026836.D
Acq: 17 Sep 2018 21:18

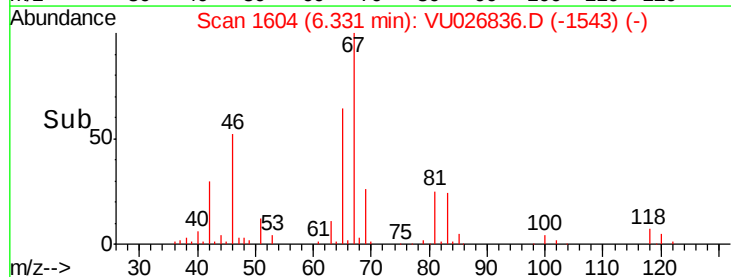
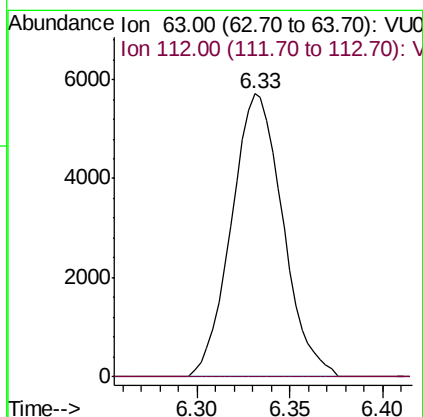
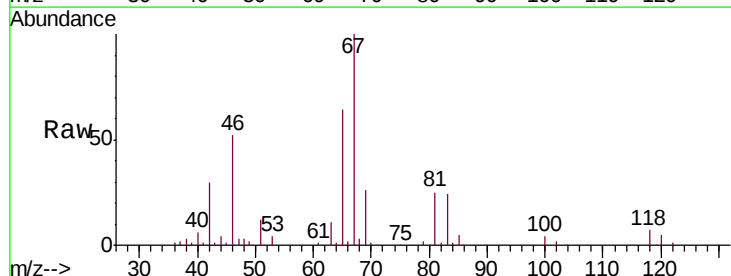
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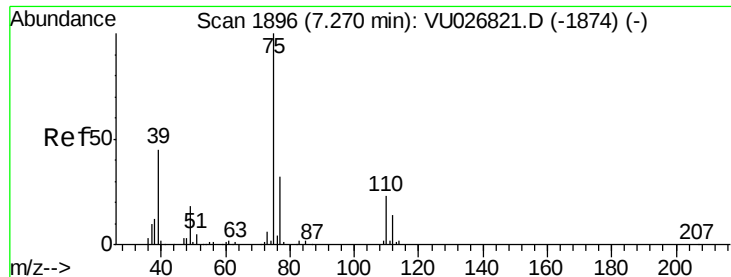
Tgt Ion: 83 Resp: 25200
Ion Ratio Lower Upper
83 100
55 0.3 61.7 92.5#
98 1.0 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 5.768 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026836.D
Acq: 17 Sep 2018 21:18

Tgt Ion: 63 Resp: 11030
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.987 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU026836.D

Acq: 17 Sep 2018 21:18

Instrument :

MSVOA_U

ClientSampleId :

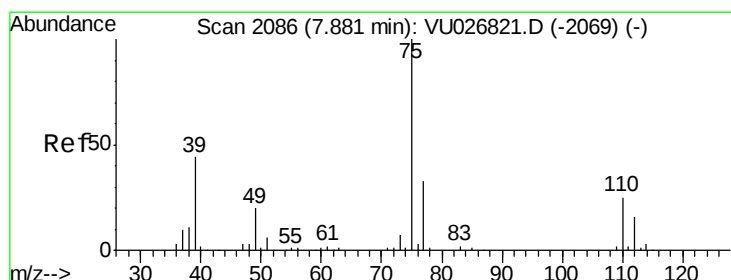
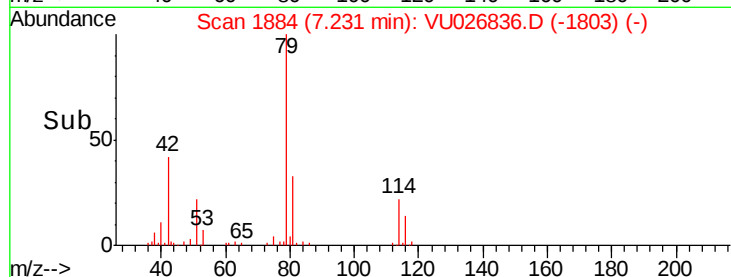
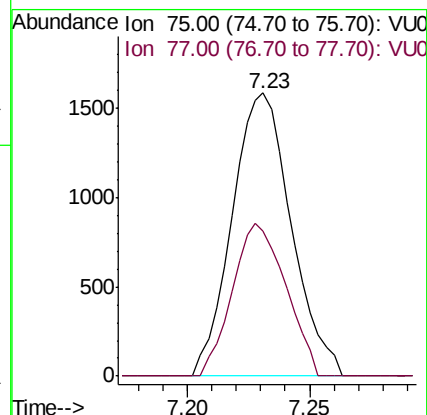
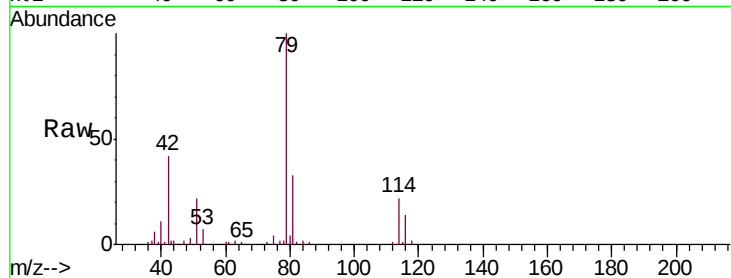
C08S5

Tgt Ion: 75 Resp: 2665

Ion Ratio Lower Upper

75 100

77 51.3 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.698 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026836.D

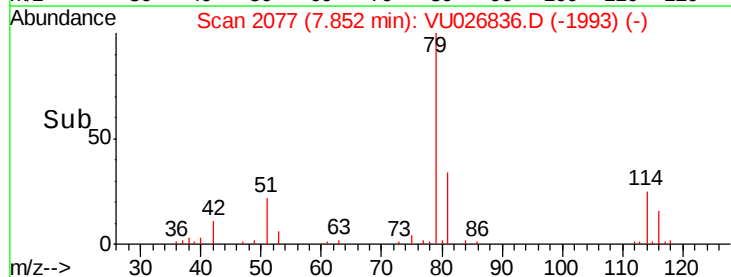
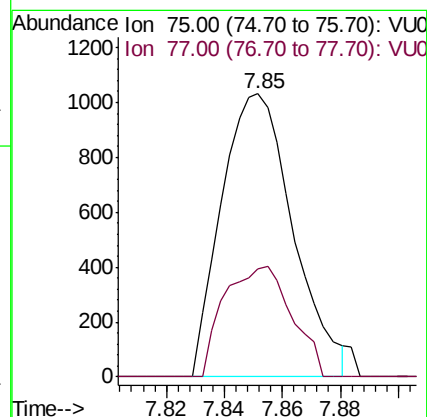
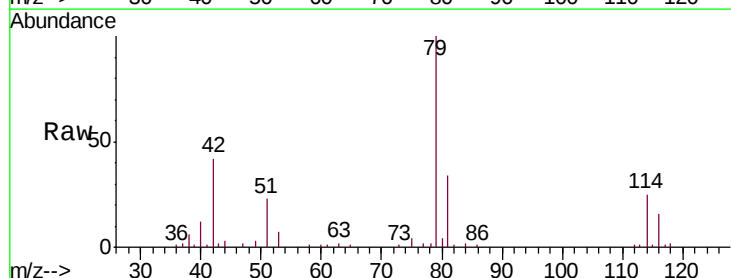
Acq: 17 Sep 2018 21:18

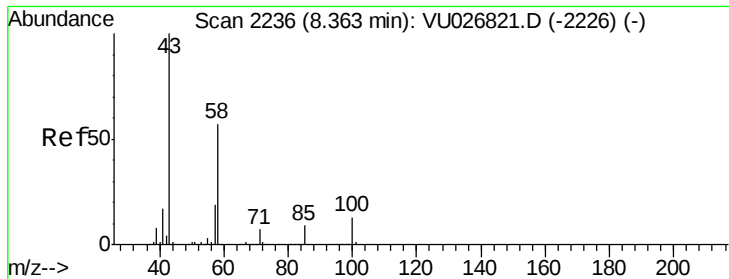
Tgt Ion: 75 Resp: 1765

Ion Ratio Lower Upper

75 100

77 38.2 22.8 42.4

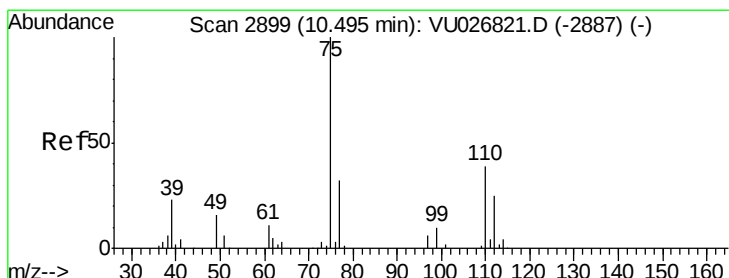
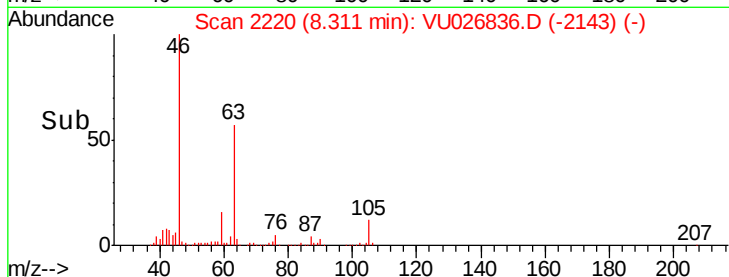
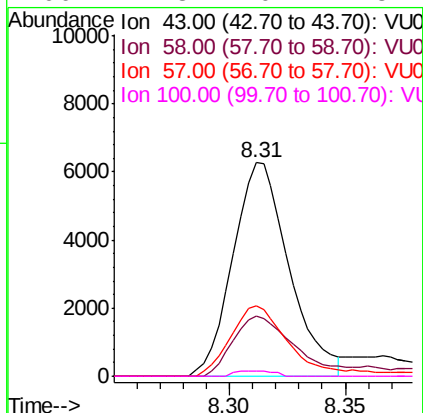
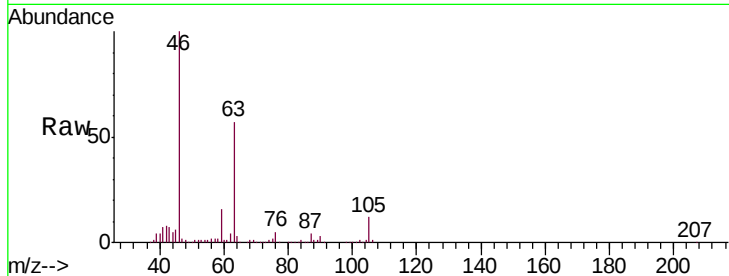




#48
 2-Hexanone
 Concen: 5.766 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU026836.D
 Acq: 17 Sep 2018 21:18

Instrument :
 MSVOA_U
 ClientSampleId :
 C08S5

Tgt Ion: 43 Resp: 10568
 Ion Ratio Lower Upper
 43 100
 58 31.2 44.9 67.3#
 57 33.0 15.4 23.2#
 100 1.8 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.410 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026836.D
 Acq: 17 Sep 2018 21:18

Tgt Ion: 75 Resp: 10102
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.5 38.3

