

Data File : VU026930.D
Acq On : 20 Sep 2018 11:56
Operator : MD/SY
Sample : J4893-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08J9

Quant Time: Sep 21 04:24:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	212306	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	199562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83903	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72801	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.72%
7) Chloroethane-d5	1.68	69	61746	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.86%
11) 1,1-Dichloroethene-d2	2.27	63	102532	34.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.00%
21) 2-Butanone-d5	4.18	46	99174	95.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.16%
24) Chloroform-d	4.65	84	124651	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.58%
26) 1,2-Dichloroethane-d4	5.31	65	80611	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
32) Benzene-d6	5.34	84	259718	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
36) 1,2-Dichloropropane-d6	6.33	67	82692	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.78%
41) Toluene-d8	7.57	98	216739	42.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	35220	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.56%
47) 2-Hexanone-d5	8.31	63	68226	96.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108908	43.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	85640	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%

Target Compounds

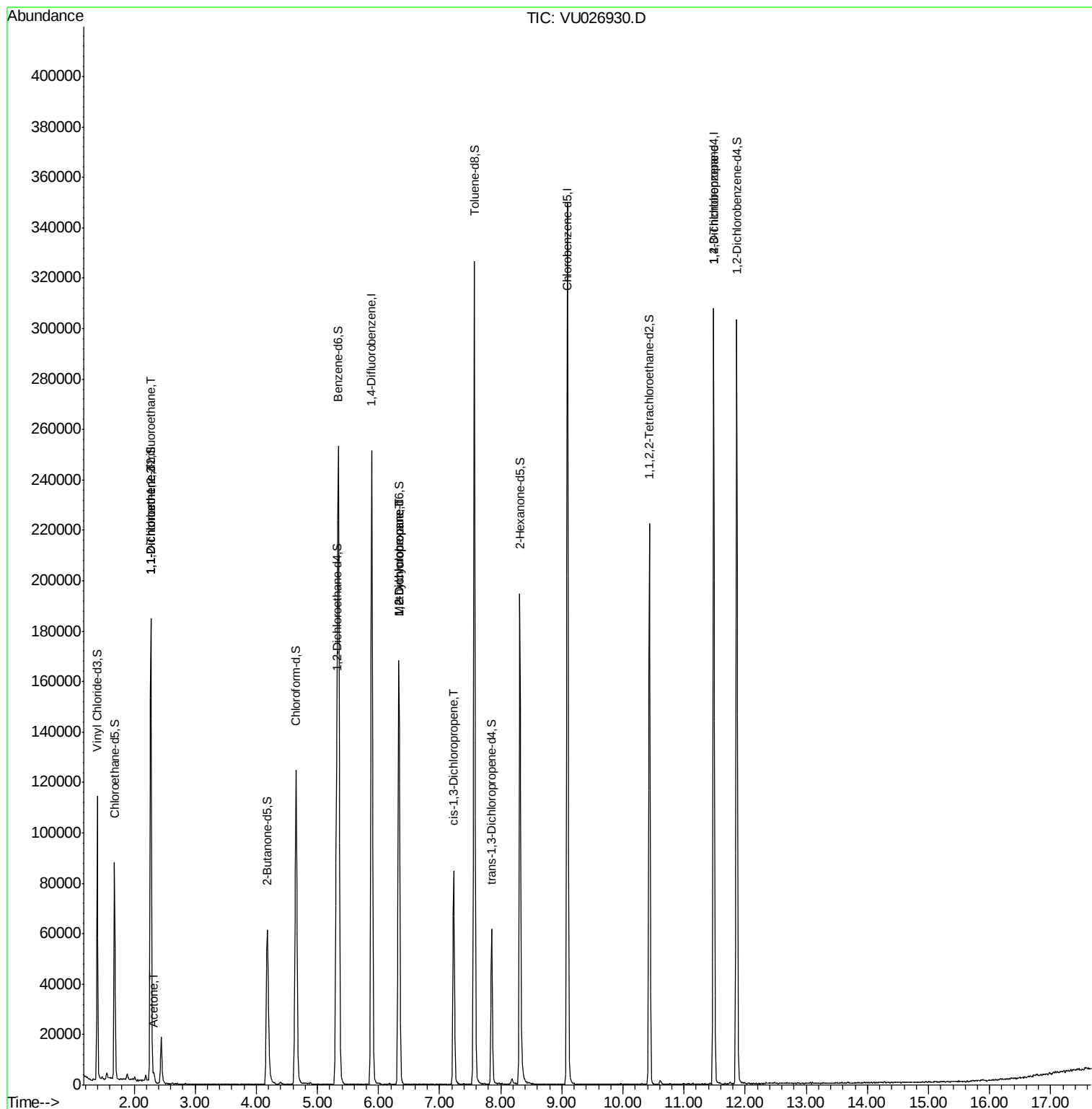
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	887	0.605 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	905	0.657 ug/L #	1
13) Acetone	2.32	43	2607	2.545 ug/L	91
35) Methylcyclohexane	6.33	83	19440	8.032 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8600	5.060 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2042	0.851 ug/L #	78
59) 1,2,3-Trichloropropene	11.48	75	9262	4.549 ug/L	94

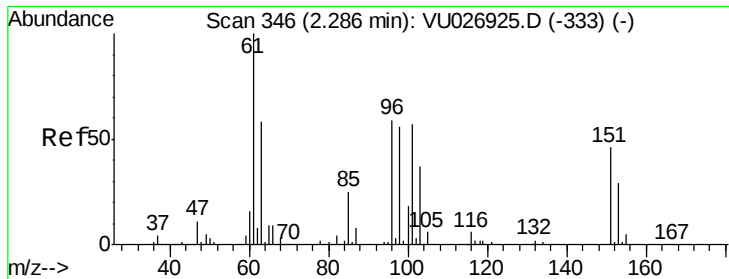
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.605 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

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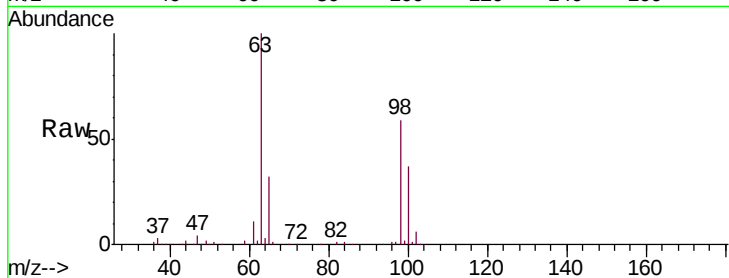
Tgt Ion: 101 Resp: 887

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

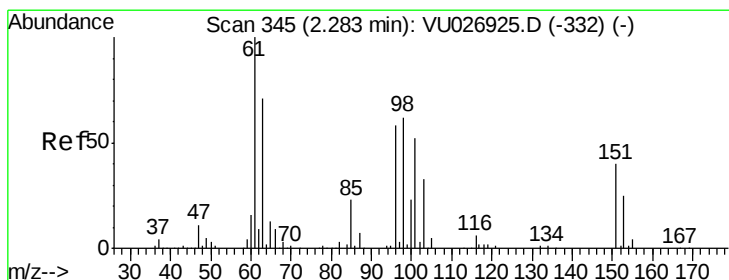
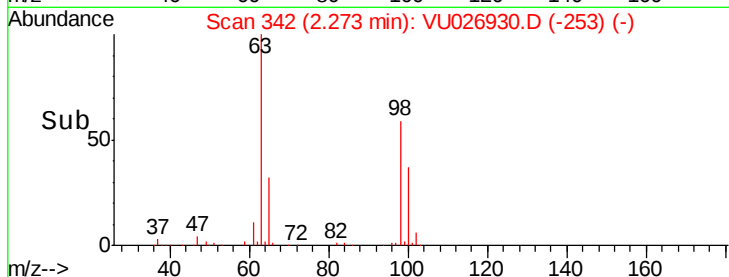
600

400

200

0

Time--> 2.24 2.26 2.28 2.30



#12

1,1-Dichloroethene

Concen: 0.657 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026930.D

Acq: 20 Sep 2018 11:56

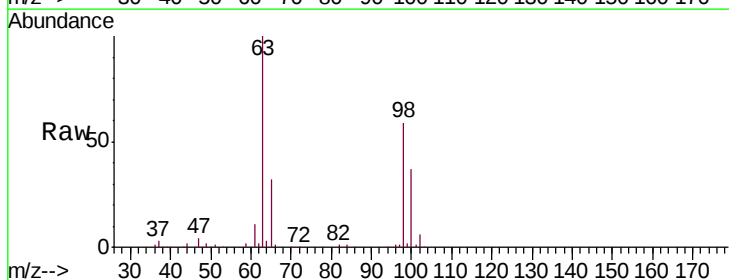
Tgt Ion: 96 Resp: 905

Ion Ratio Lower Upper

96 100

61 1288.7 124.0 230.4#

63 11398.3 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

80000

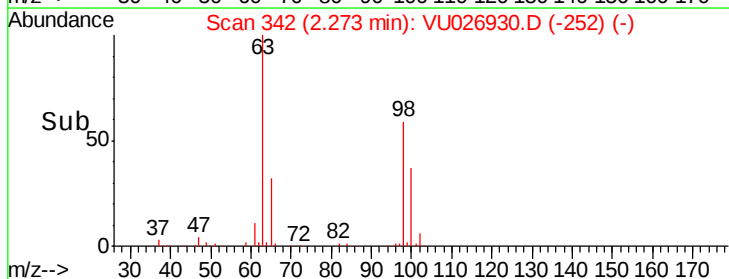
60000

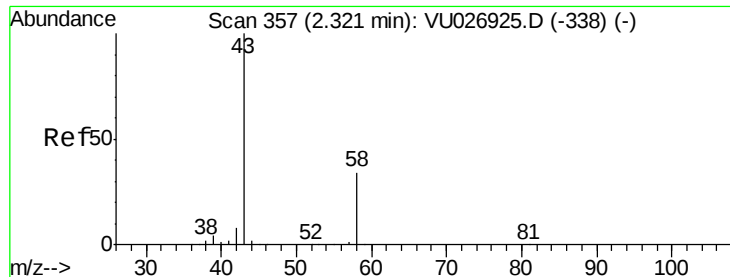
40000

20000

0

Time--> 2.24 2.26 2.28 2.30





#13

Acetone

Concen: 2.545 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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ClientSampleId :

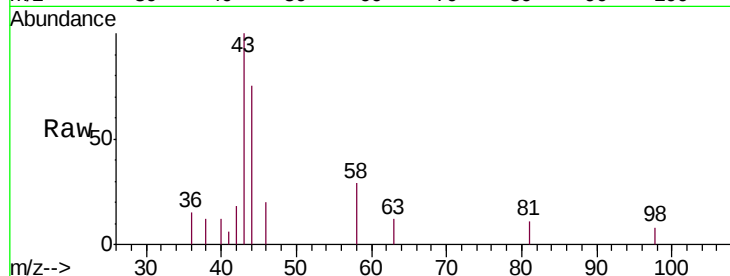
C08J9

Tgt Ion: 43 Resp: 2607

Ion Ratio Lower Upper

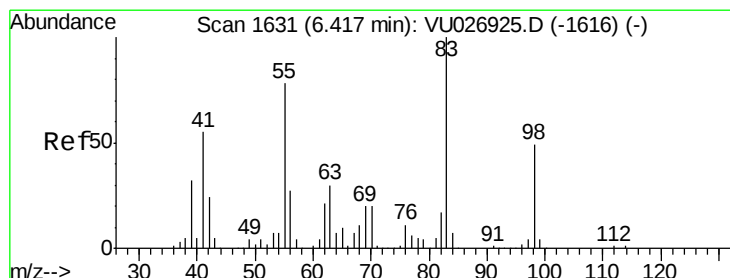
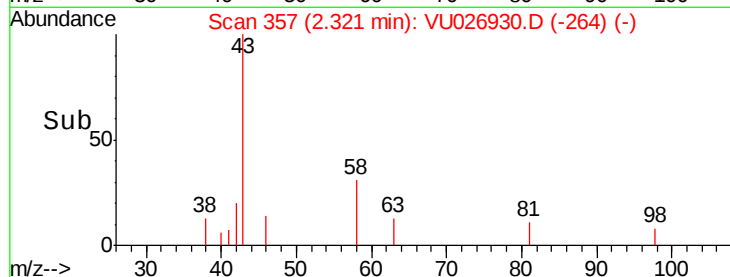
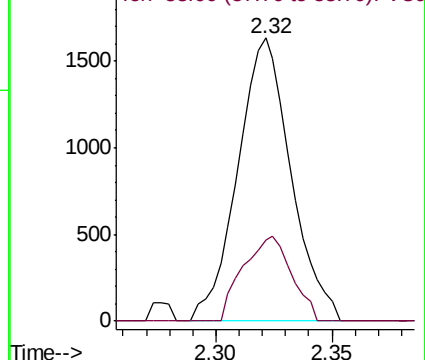
43 100

58 27.3 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: 8.032 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026930.D

Acq: 20 Sep 2018 11:56

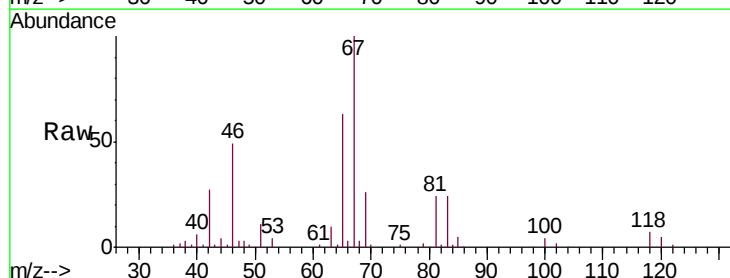
Tgt Ion: 83 Resp: 19440

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

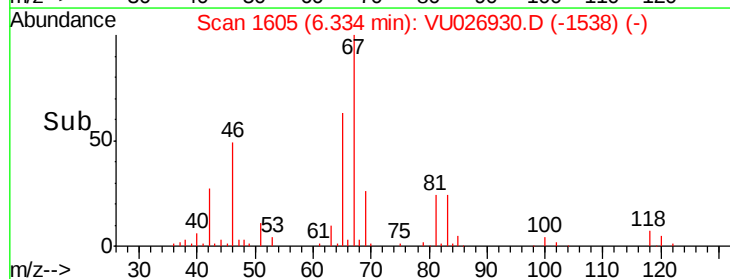
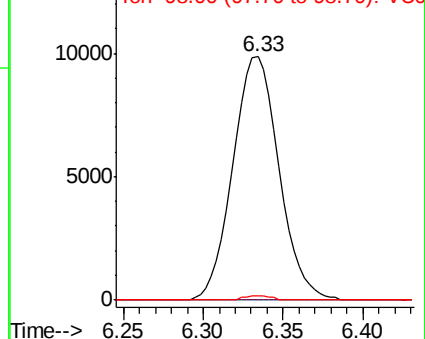
98 1.0 38.3 57.5#

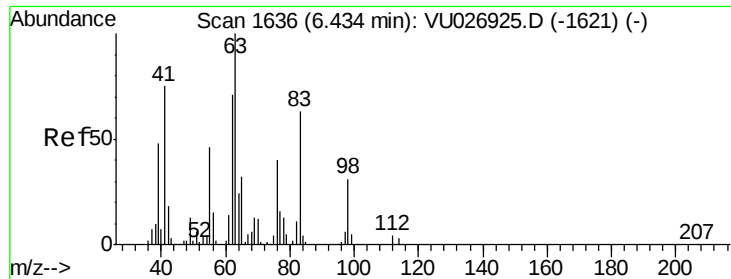


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

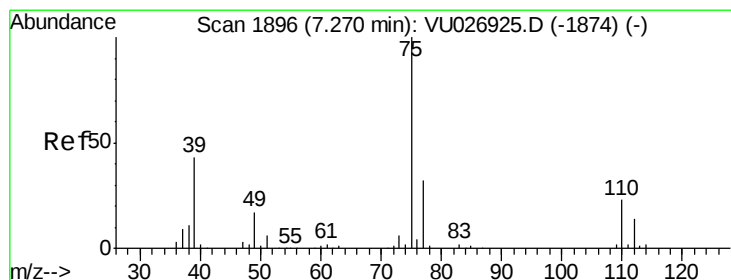
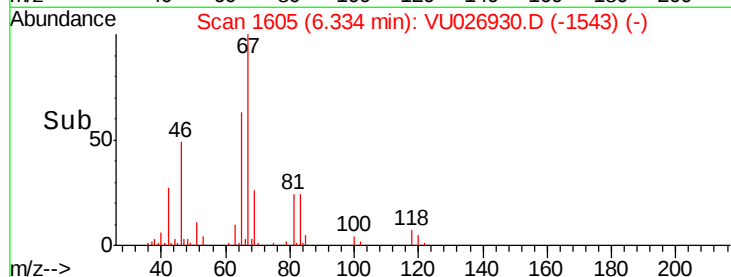
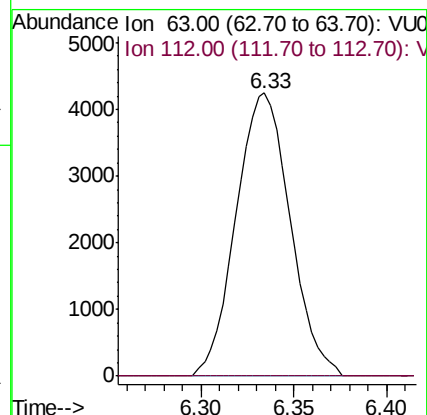
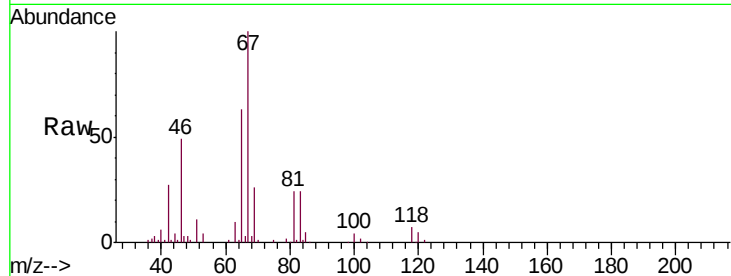




#37
 1,2-Dichloropropane
 Concen: 5.060 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026930.D
 Acq: 20 Sep 2018 11:56

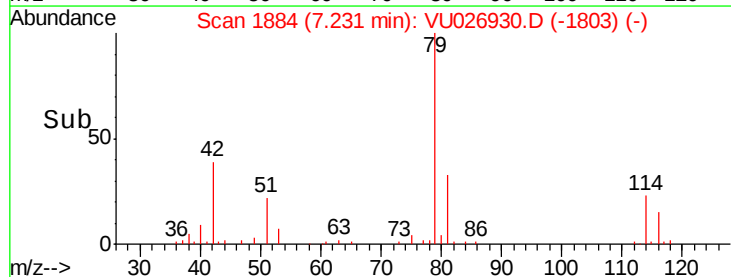
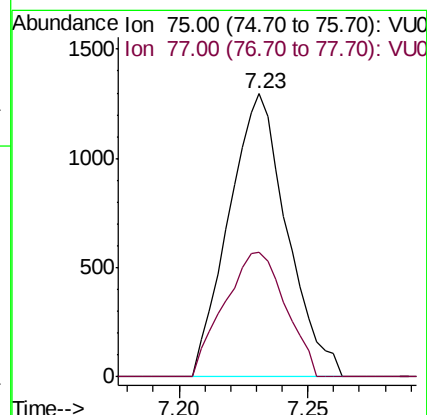
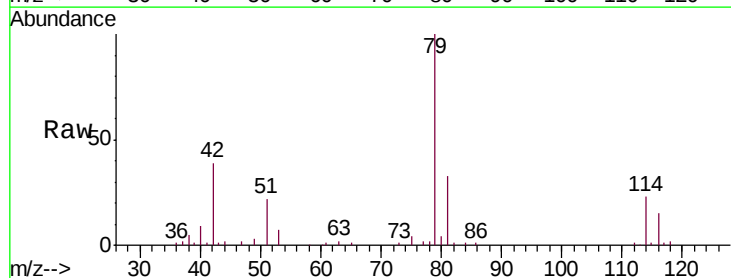
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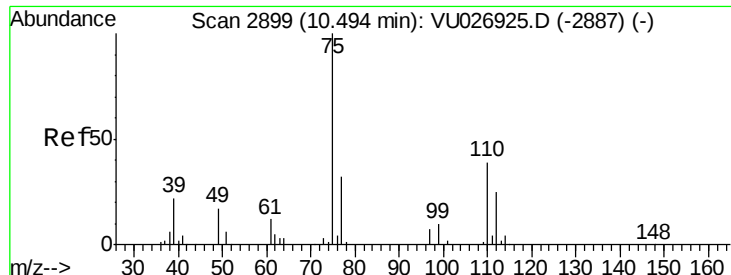
Tgt Ion: 63 Resp: 8600
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.851 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026930.D
 Acq: 20 Sep 2018 11:56

Tgt Ion: 75 Resp: 2042
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 4.549 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026930.D

Acq: 20 Sep 2018 11:56

Instrument :

MSVOA_U

ClientSampleId :

C08J9

Tgt Ion: 75 Resp: 9262

Ion Ratio Lower Upper

75 100

77 35.5 25.5 38.3

