

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026701.D
 Acq On : 12 Sep 2018 14:58
 Operator : MD/SY
 Sample : J4860-02 100X
 Misc : 13.92g/25mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A41T2

Quant Time: Sep 13 03:40:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 03:38:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	218828	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	202020	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87765	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64736	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.40%
7) Chloroethane-d5	1.68	69	57390	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.34%
11) 1,1-Dichloroethene-d2	2.27	63	95121	32.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.18%
21) 2-Butanone-d5	4.18	46	113639	111.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.98%
24) Chloroform-d	4.65	84	125995	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.31	65	83211	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.34	84	255965	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
36) 1,2-Dichloropropane-d6	6.33	67	89024	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.48%
41) Toluene-d8	7.57	98	229581	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	39161	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.31	63	83562	116.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121288	50.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	89378	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%

Target Compounds

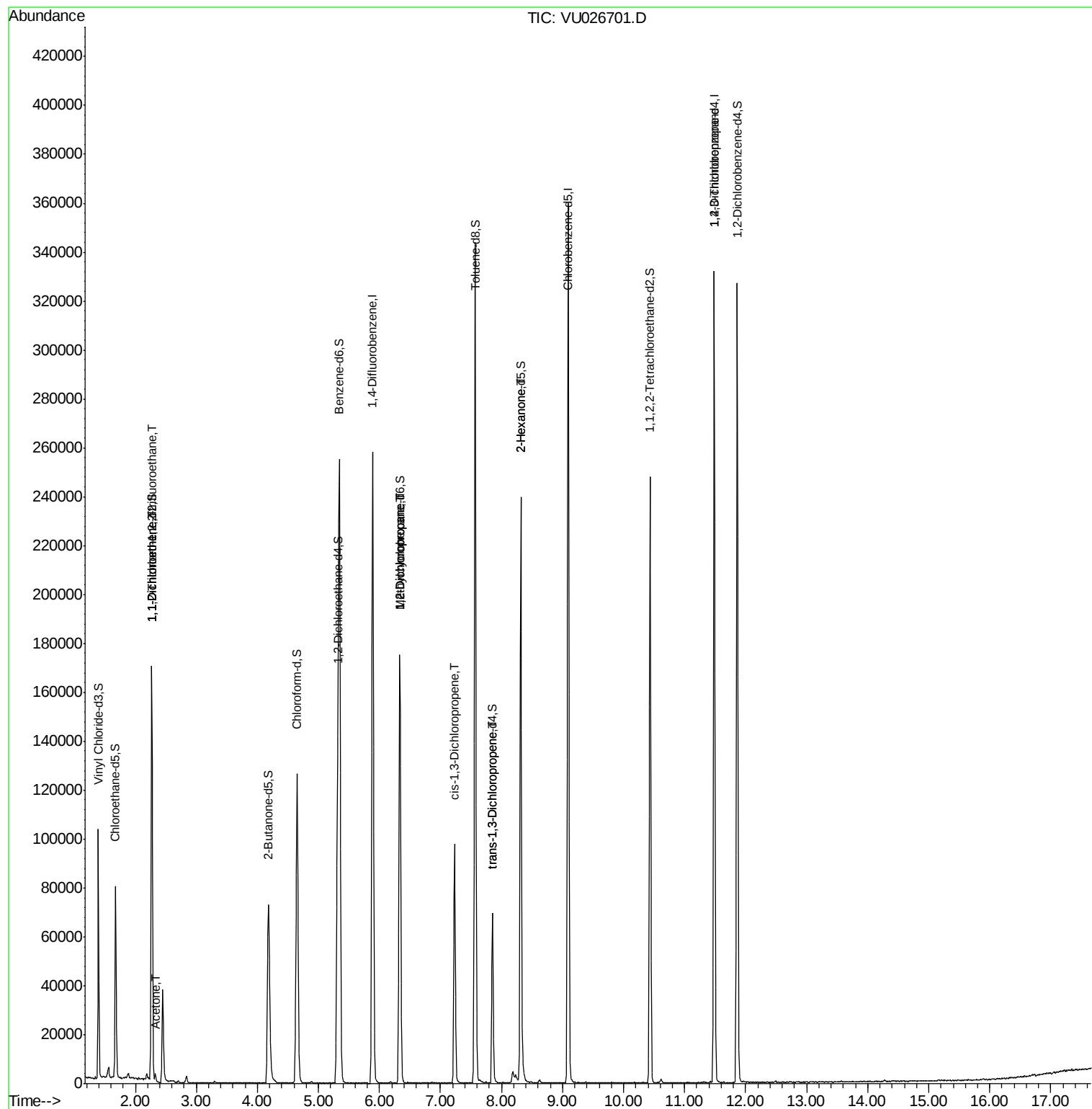
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	903	0.672 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	745	0.577 ug/L #	1
13) Acetone	2.32	43	2297	1.987 ug/L	98
35) Methylcyclohexane	6.33	83	19879	8.832 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	9234	5.843 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2185	0.934 ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1606	0.738 ug/L	100
48) 2-Hexanone	8.31	43	9321	5.476 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	9826	5.255 ug/L	89

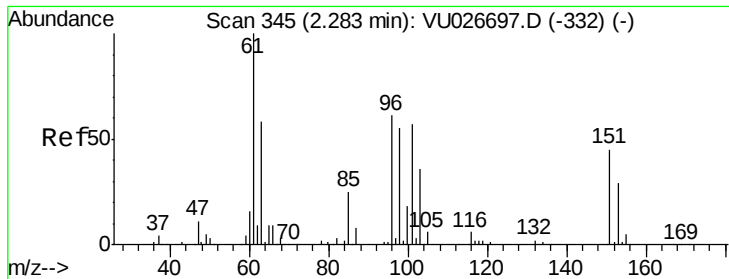
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 13 03:38:50 2018
Response via : Initial Calibration





#10

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

Concen: 0.672 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU026701.D

Acq: 12 Sep 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

A41T2

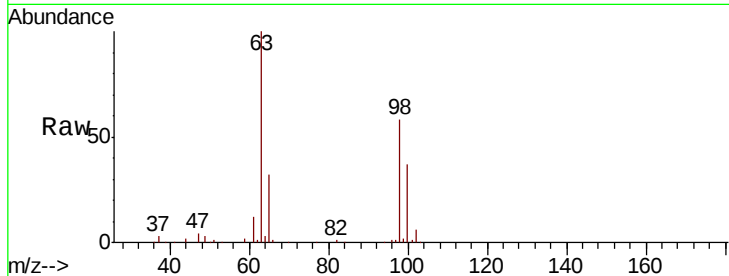
Tgt Ion: 101 Resp: 903

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

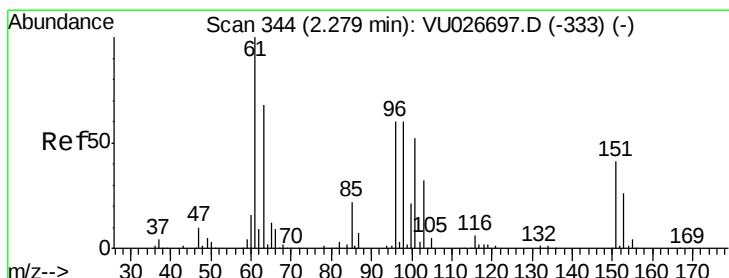
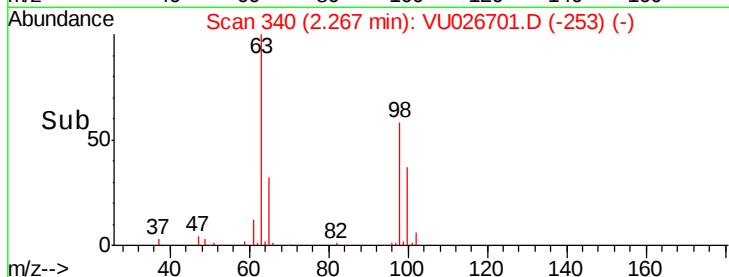
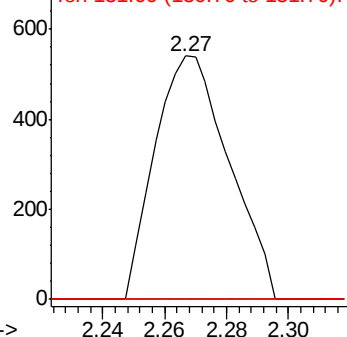
151 0.0 62.6 94.0#



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: 0.577 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU026701.D

Acq: 12 Sep 2018 14:58

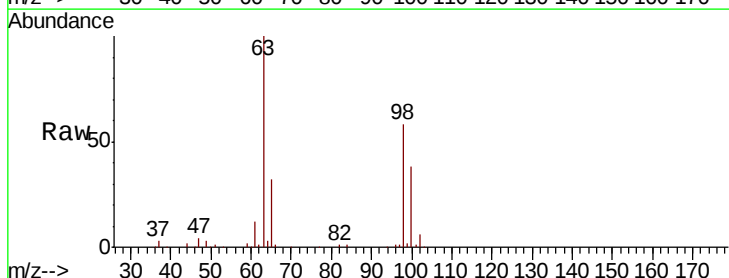
Tgt Ion: 96 Resp: 745

Ion Ratio Lower Upper

96 100

61 1395.1 121.0 224.8#

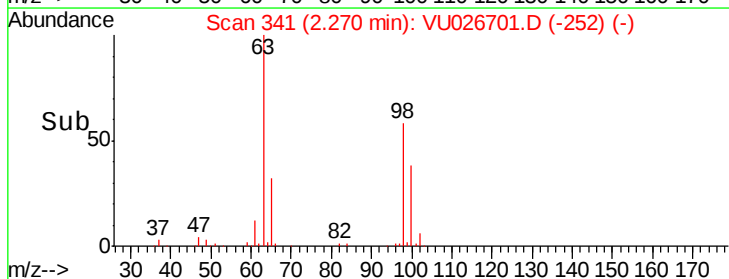
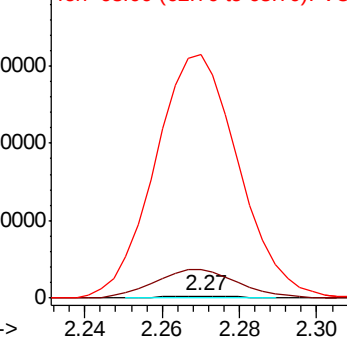
63 11803.4 89.9 166.9#

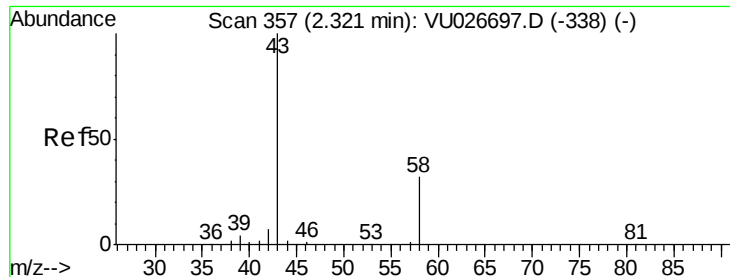


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.987 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026701.D

Acq: 12 Sep 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

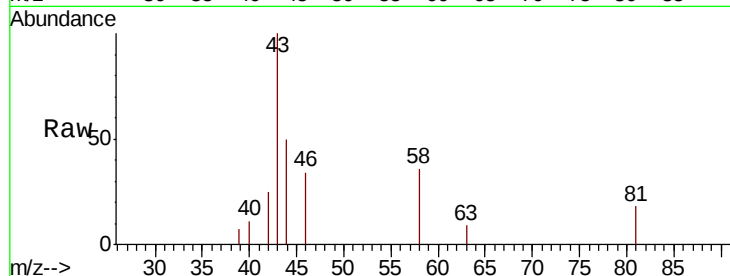
A41T2

Tgt Ion: 43 Resp: 2297

Ion Ratio Lower Upper

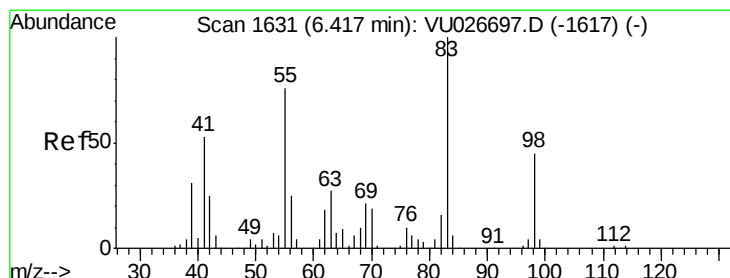
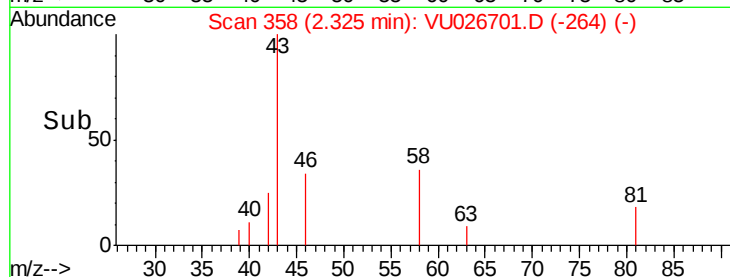
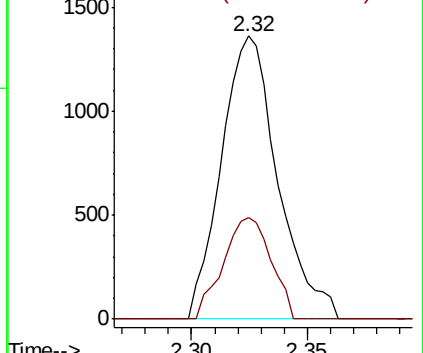
43 100

58 30.4 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 8.832 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026701.D

Acq: 12 Sep 2018 14:58

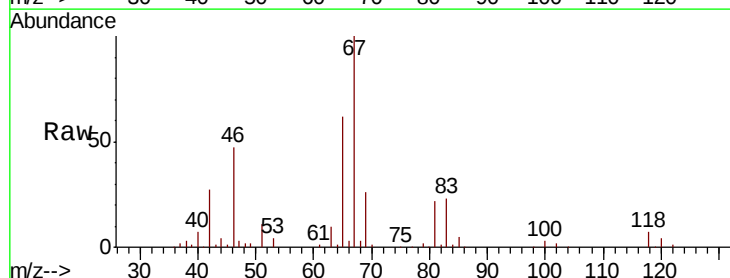
Tgt Ion: 83 Resp: 19879

Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

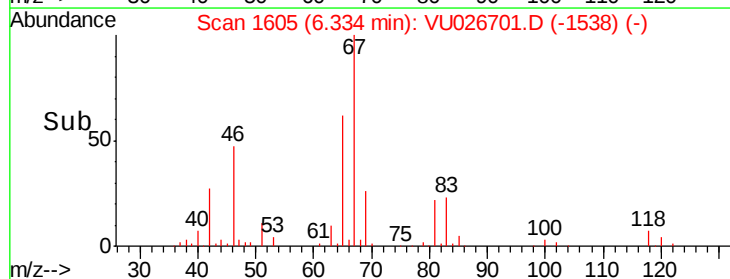
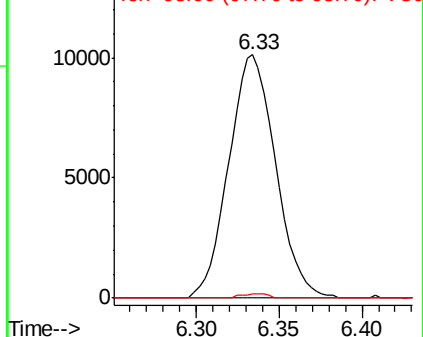
98 0.6 37.0 55.4#

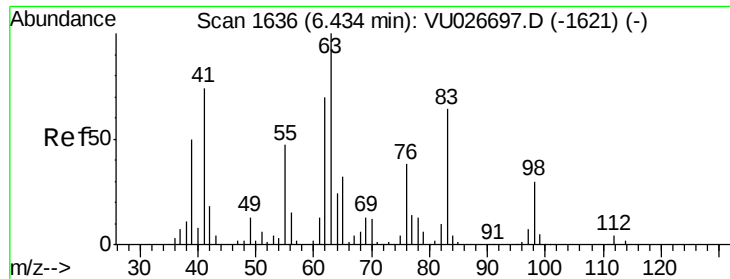


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

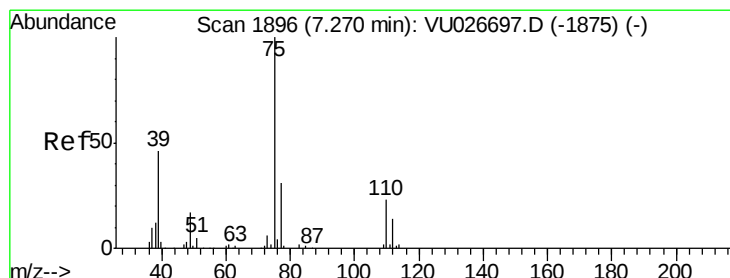
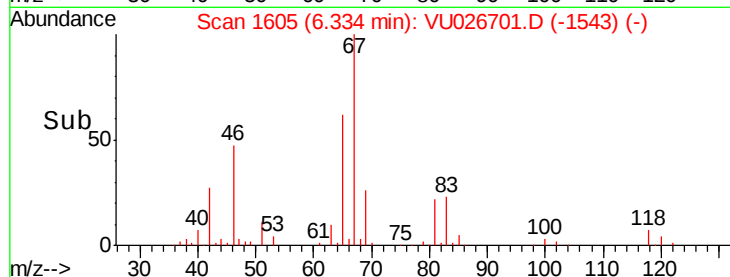
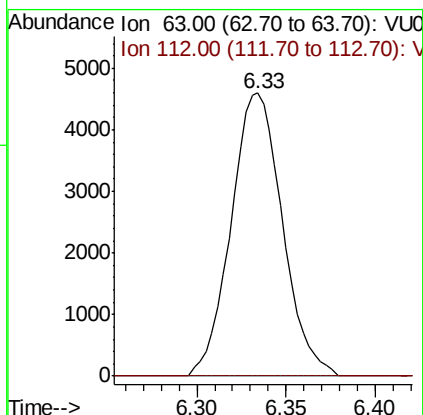
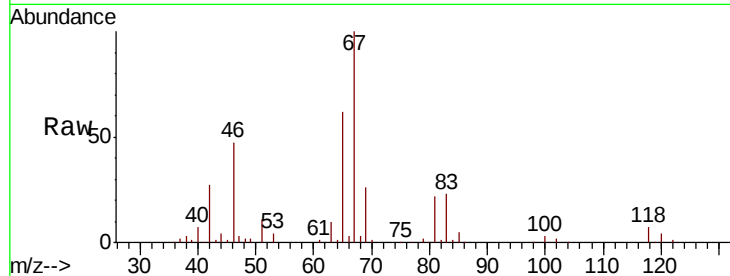




#37
 1,2-Dichloropropane
 Concen: 5.843 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026701.D
 Acq: 12 Sep 2018 14:58

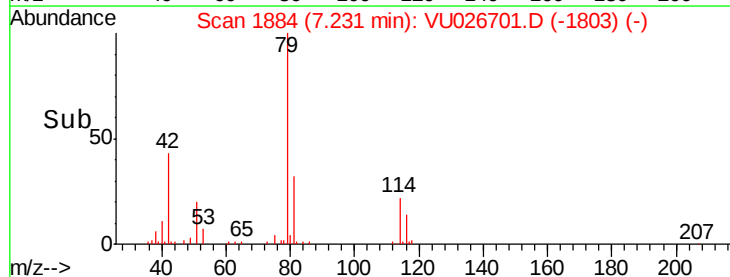
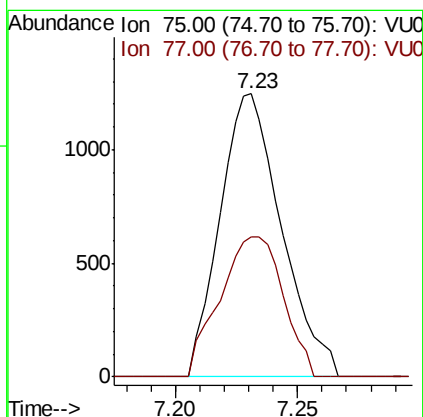
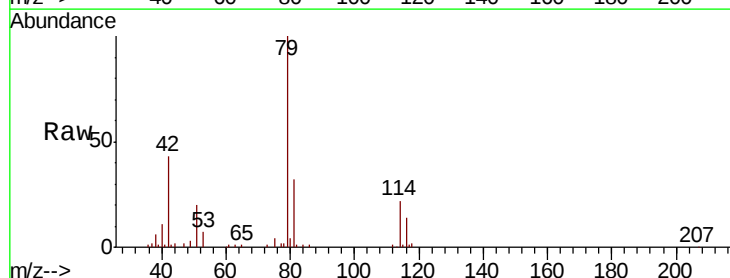
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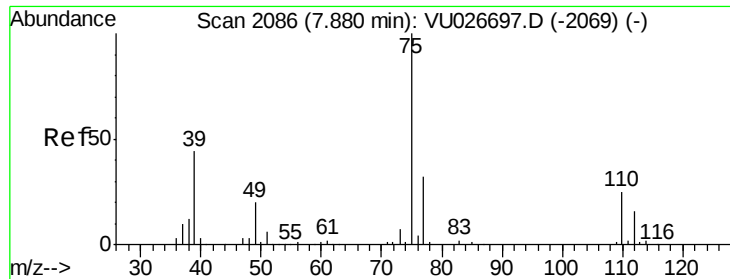
Tgt Ion: 63 Resp: 9234
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.934 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026701.D
 Acq: 12 Sep 2018 14:58

Tgt Ion: 75 Resp: 2185
 Ion Ratio Lower Upper
 75 100
 77 49.5 22.3 41.3#

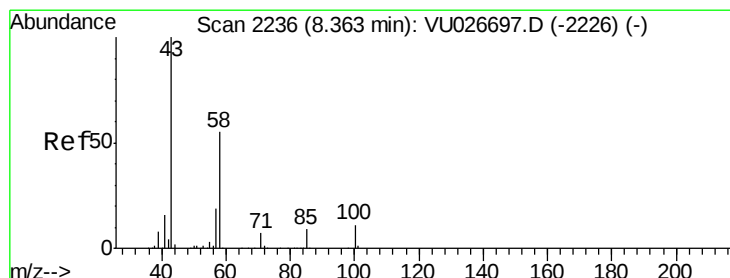
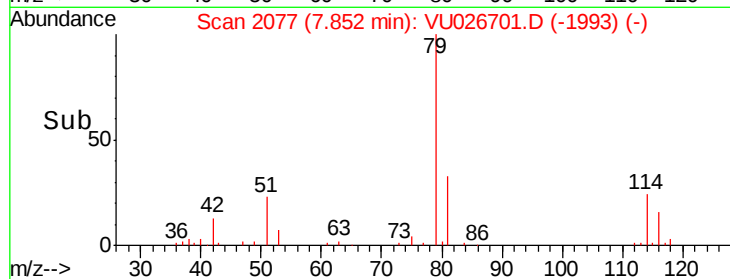
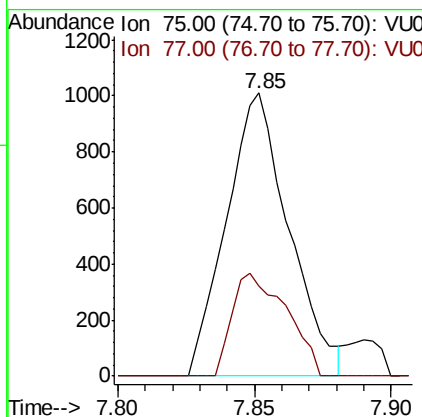
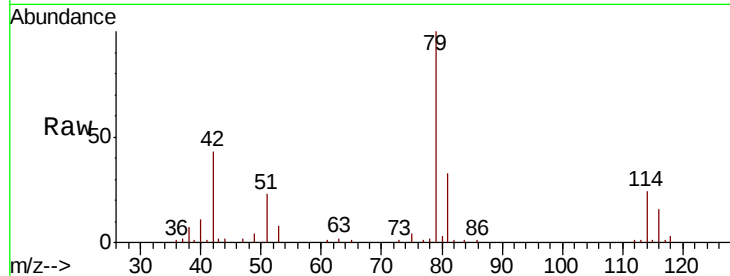




#44
 trans-1,3-Dichloropropene
 Concen: 0.738 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026701.D
 Acq: 12 Sep 2018 14:58

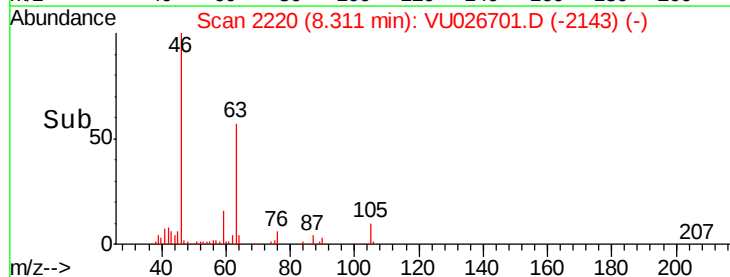
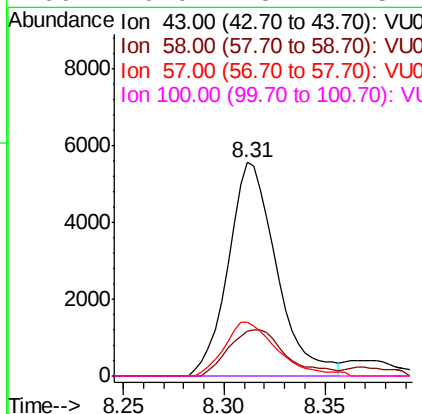
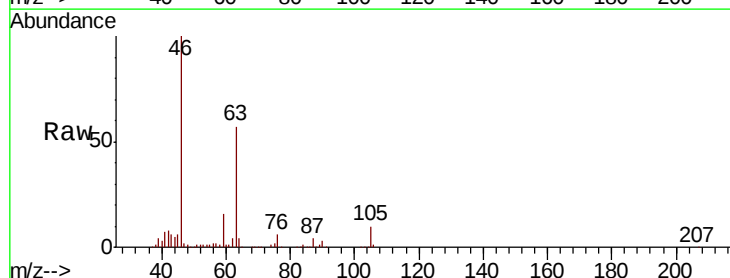
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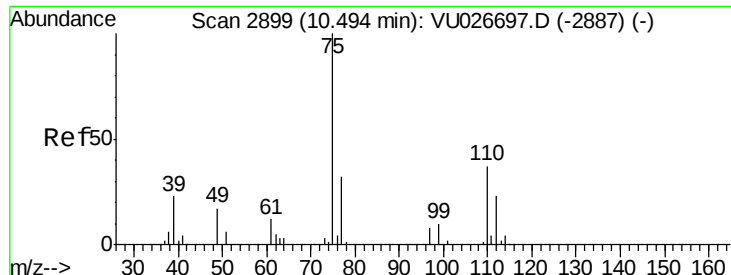
Tgt Ion: 75 Resp: 1606
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.4 41.6



#48
 2-Hexanone
 Concen: 5.476 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU026701.D
 Acq: 12 Sep 2018 14:58

Tgt Ion: 43 Resp: 9321
 Ion Ratio Lower Upper
 43 100
 58 25.6 42.2 63.4#
 57 27.1 14.4 21.6#
 100 0.0 8.7 13.1#





#59
 1,2,3-Trichloropropane
 Concen: 5.255 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026701.D
 Acq: 12 Sep 2018 14:58

Instrument :
 MSVOA_U
 ClientSampleId :
 A41T2

Tgt Ion: 75 Resp: 9826
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.8 38.6

