

Data File : VU028906.D
Acq On : 22 Dec 2018 04:20
Operator : MD/SY
Sample : J6542-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 22 06:04:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	167408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156642	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61623	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57156	42.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.18%
7) Chloroethane-d5	1.67	69	46839	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.36%
11) 1,1-Dichloroethene-d2	2.27	63	75775	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.14%
21) 2-Butanone-d5	4.18	46	99263	105.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.57%
24) Chloroform-d	4.65	84	100295	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	5.31	65	63624	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
32) Benzene-d6	5.34	84	220648	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.33	67	75449	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.38%
41) Toluene-d8	7.57	98	192254	47.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.88%
43) trans-1,3-Dichloropropene-	7.85	79	30673	45.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.06%
47) 2-Hexanone-d5	8.31	63	76270	106.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103511	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	64732	51.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.88%

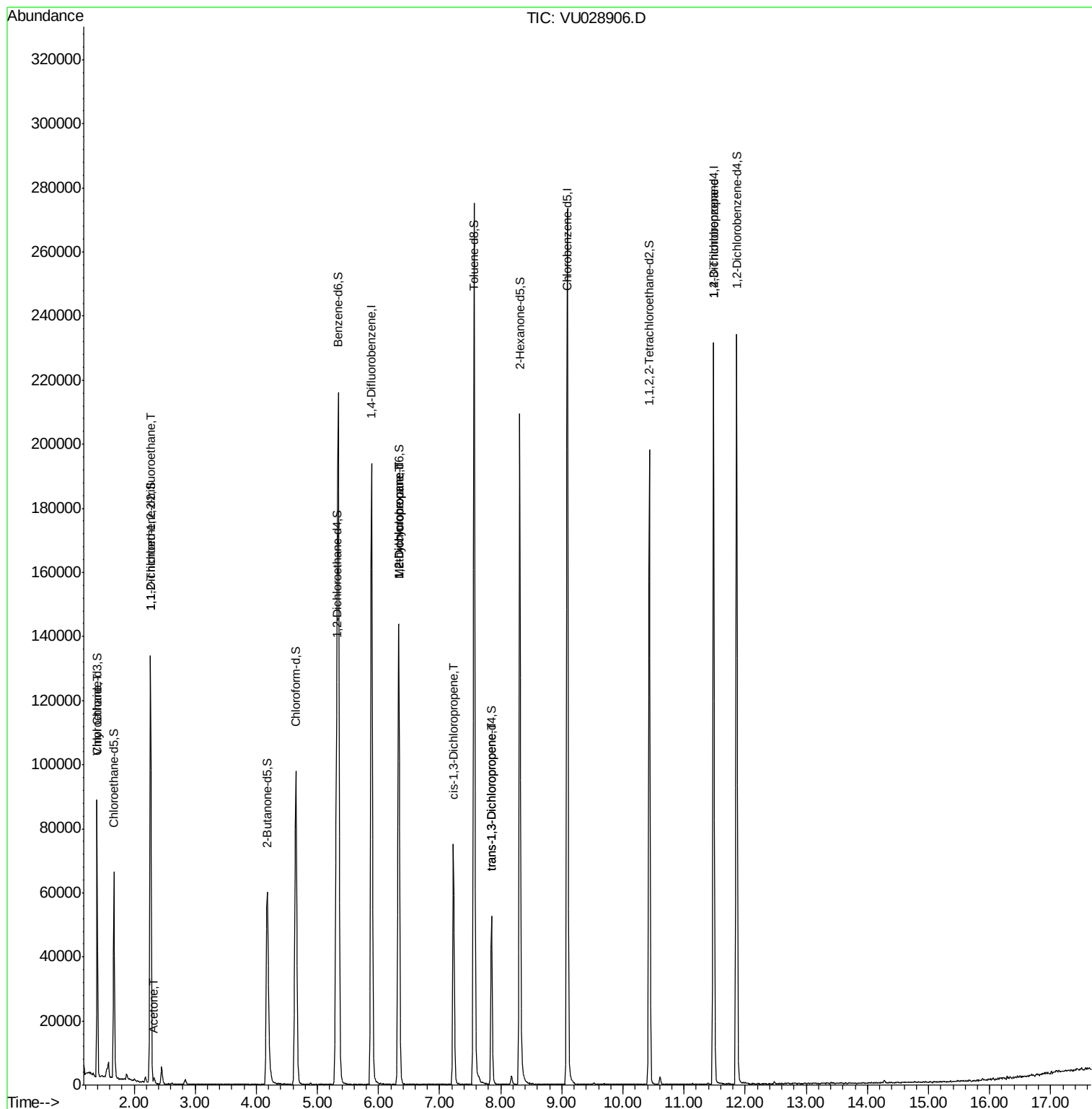
Target Compounds

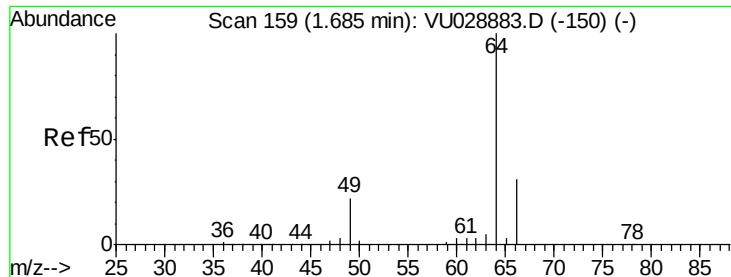
					Qvalue	
8) Chloroethane	1.40	64	801	0.856	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	713	0.657	ug/L #	20
13) Acetone	2.32	43	715	0.746	ug/L	60
35) Methylcyclohexane	6.33	83	15730	7.845	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7235	5.190	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1400	0.704	ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	986	0.557	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	7601	4.569	ug/L	96

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

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ALS Vial : 48 Sample Multiplier: 1

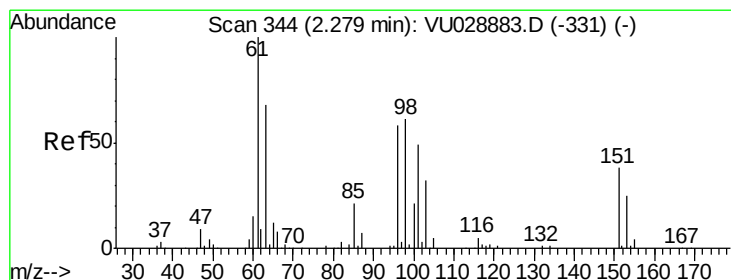
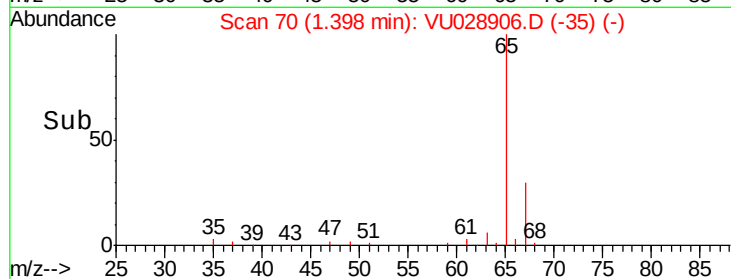
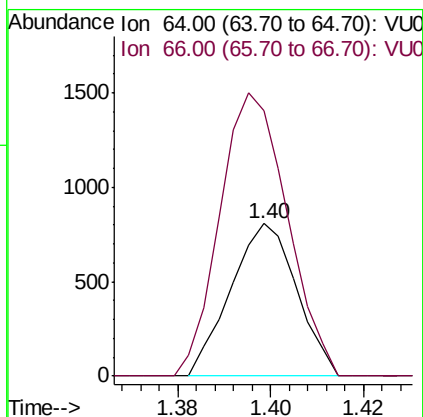
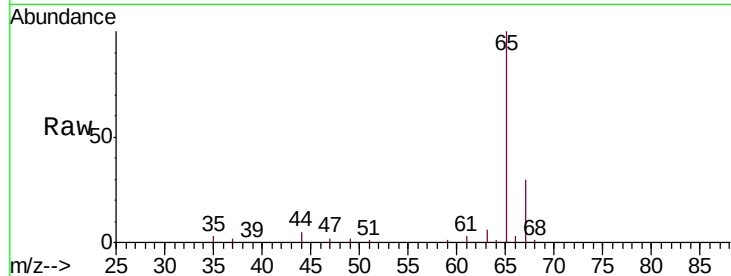
Quant Time: Dec 22 06:04:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
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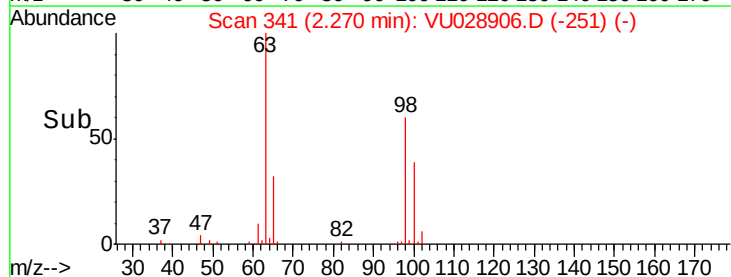
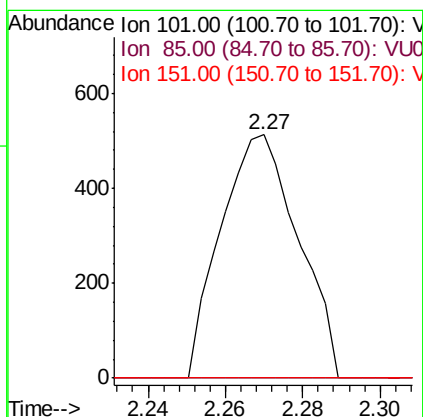
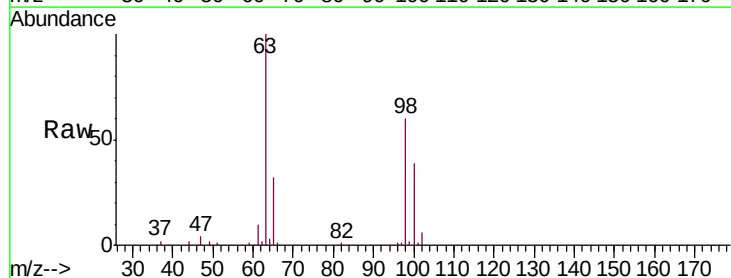
#8
Chloroethane
Concen: 0.856 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028906.D
Acq: 22 Dec 2018 04:20

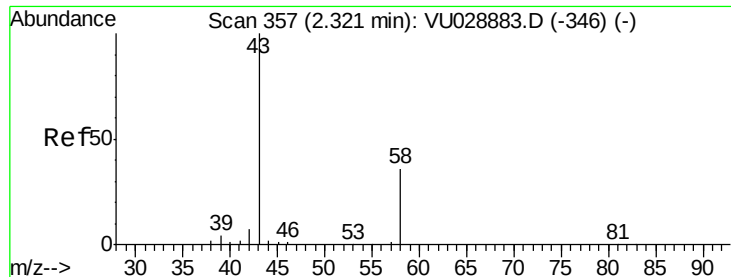
Tgt Ion: 64 Resp: 801
Ion Ratio Lower Upper
64 100
66 173.7 21.5 39.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.657 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028906.D
Acq: 22 Dec 2018 04:20

Tgt Ion: 101 Resp: 713
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 59.4 89.0#





#13

Acetone

Concen: 0.746 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028906.D

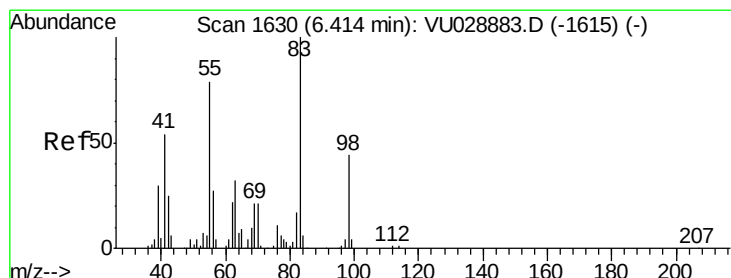
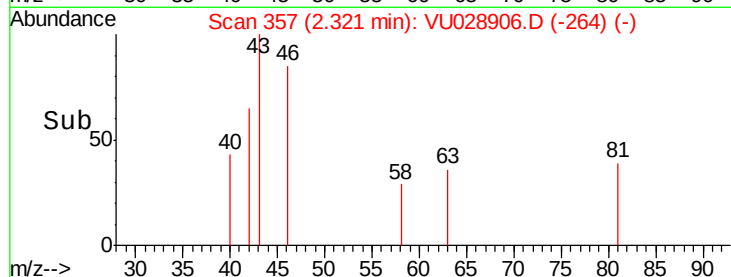
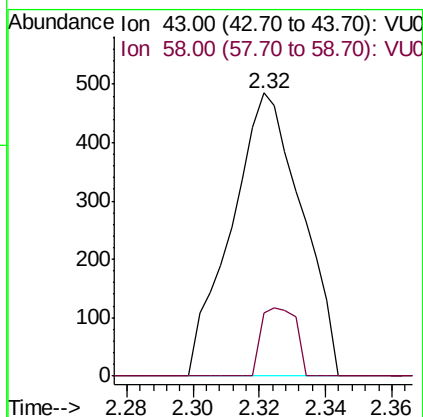
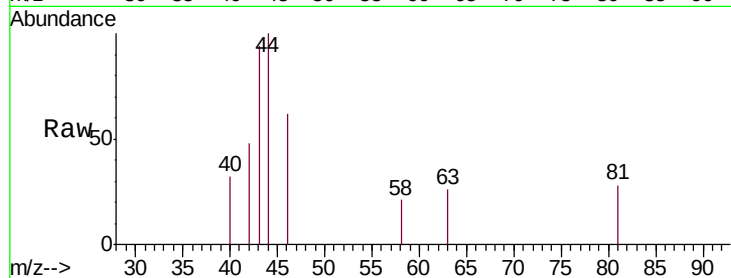
Acq: 22 Dec 2018 04:20

Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

43 100

58 11.9 0.0 70.2



#35

Methylcyclohexane

Concen: 7.845 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU028906.D

Acq: 22 Dec 2018 04:20

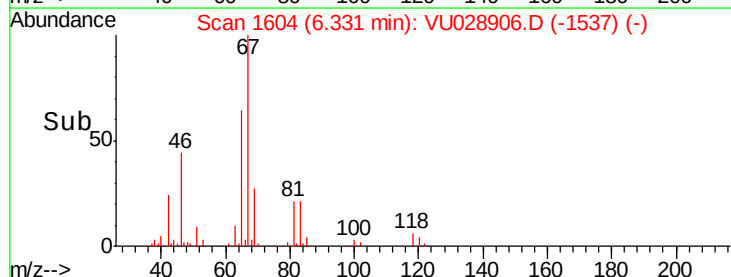
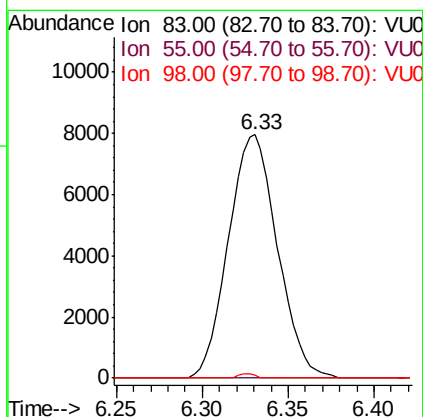
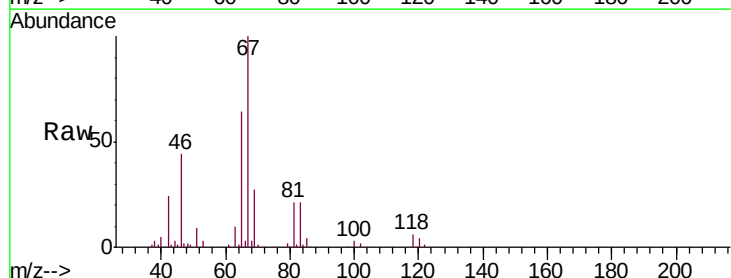
Tgt Ion: 83 Resp: 15730

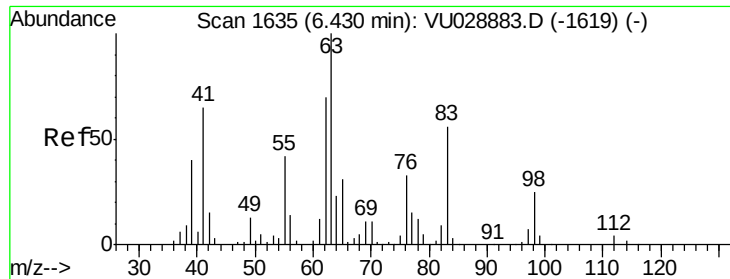
Ion Ratio Lower Upper

83 100

55 0.0 63.7 95.5#

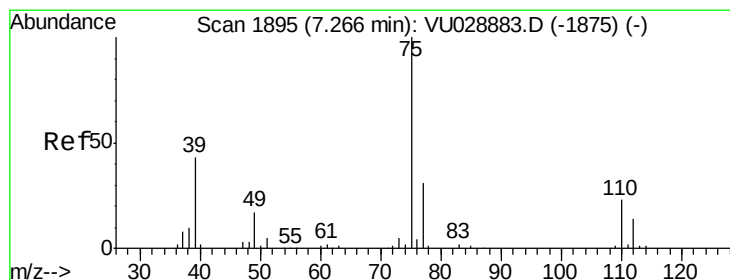
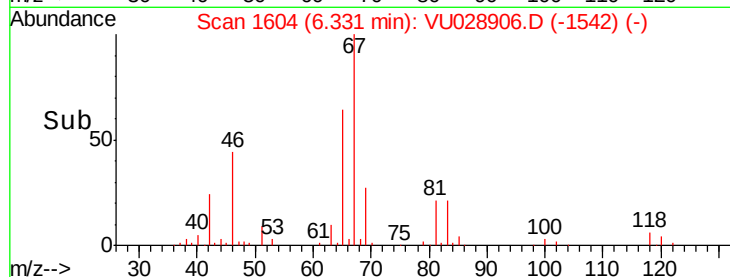
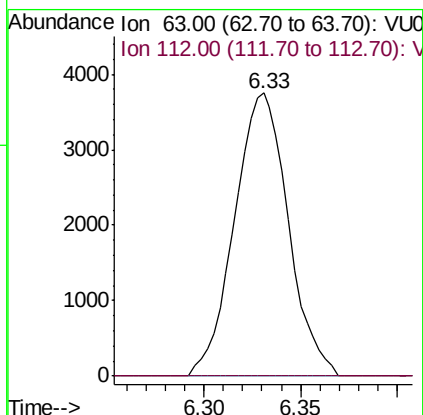
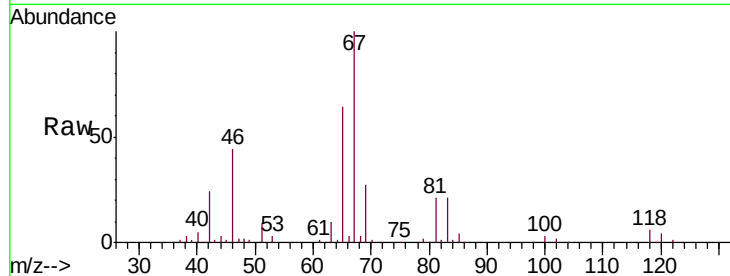
98 0.5 35.6 53.4#





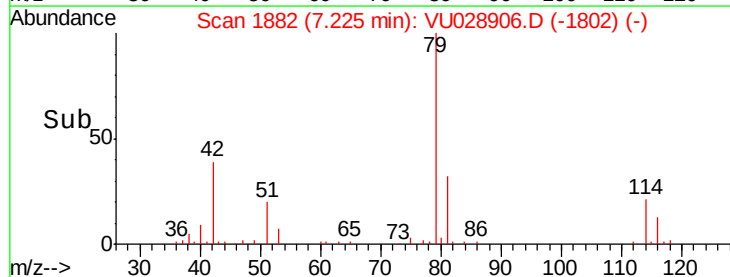
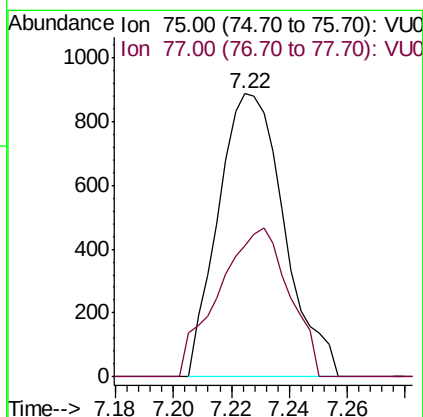
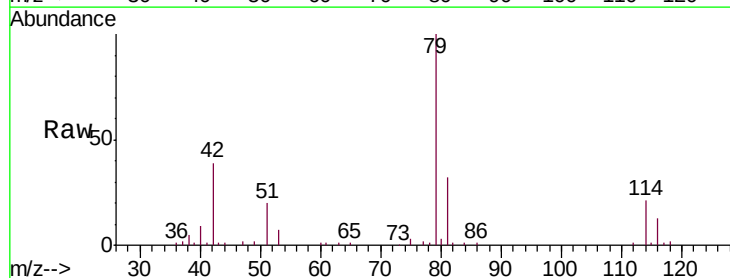
#37
 1,2-Dichloropropane
 Concen: 5.190 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028906.D
 Acq: 22 Dec 2018 04:20

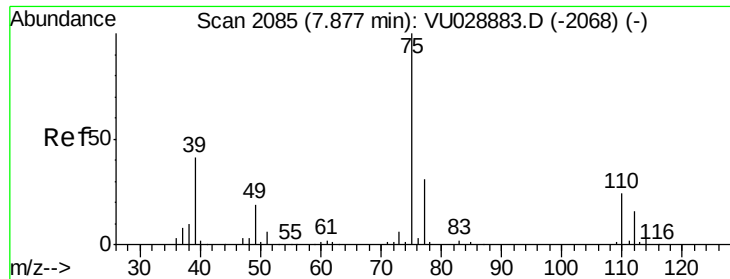
Tgt Ion: 63 Resp: 7235
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.704 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028906.D
 Acq: 22 Dec 2018 04:20

Tgt Ion: 75 Resp: 1400
 Ion Ratio Lower Upper
 75 100
 77 46.2 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.557 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028906.D

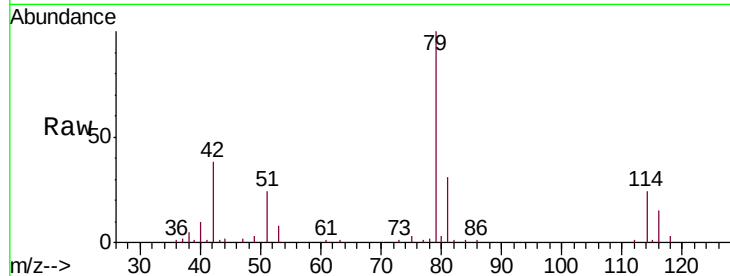
Acq: 22 Dec 2018 04:20

Tgt Ion: 75 Resp: 986

Ion Ratio Lower Upper

75 100

77 43.9 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.85

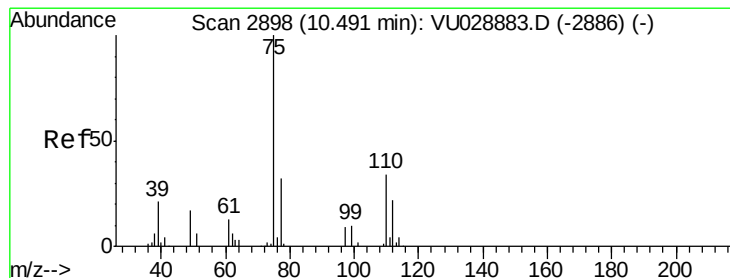
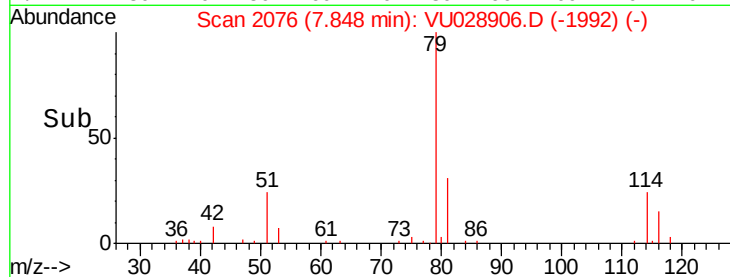
600

400

200

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.569 ug/L

RT: 11.48 min Scan# 3205

Delta R.T. 0.99 min

Lab File: VU028906.D

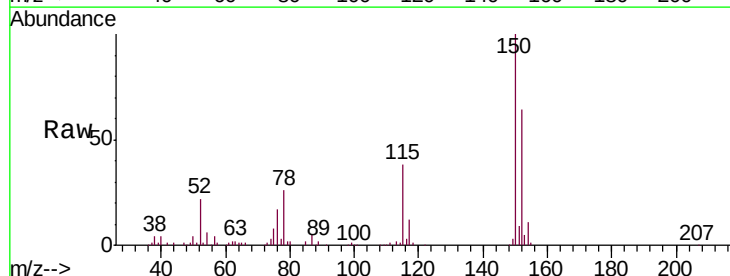
Acq: 22 Dec 2018 04:20

Tgt Ion: 75 Resp: 7601

Ion Ratio Lower Upper

75 100

77 34.0 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

5000

4000

3000

2000

1000

0

Time-->

