

Data File : VU028892.D
Acq On : 21 Dec 2018 22:41
Operator : MD/SY
Sample : J6509-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Dec 22 01:59:27 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	173379	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65728	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61213	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.08%
7) Chloroethane-d5	1.67	69	50952	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.92%
11) 1,1-Dichloroethene-d2	2.27	63	83008	35.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.02%
21) 2-Butanone-d5	4.18	46	106917	109.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.79%
24) Chloroform-d	4.65	84	107702	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
26) 1,2-Dichloroethane-d4	5.31	65	68826	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
32) Benzene-d6	5.34	84	238229	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
36) 1,2-Dichloropropane-d6	6.33	67	83091	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.68%
41) Toluene-d8	7.56	98	209241	49.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.76%
43) trans-1,3-Dichloropropene-	7.85	79	34206	48.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.08%
47) 2-Hexanone-d5	8.31	63	83053	111.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110911	50.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	72315	54.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.80%

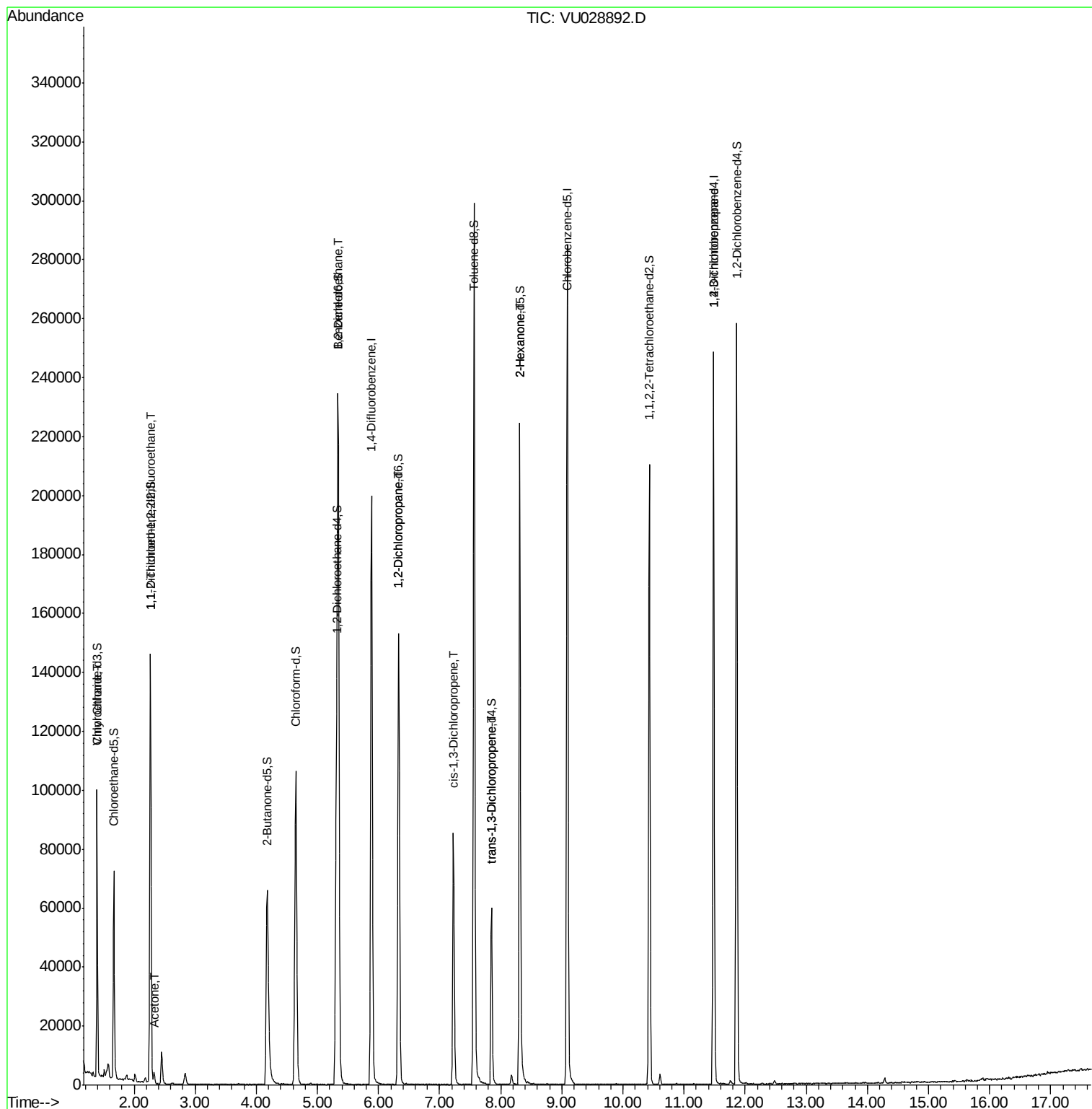
Target Compounds

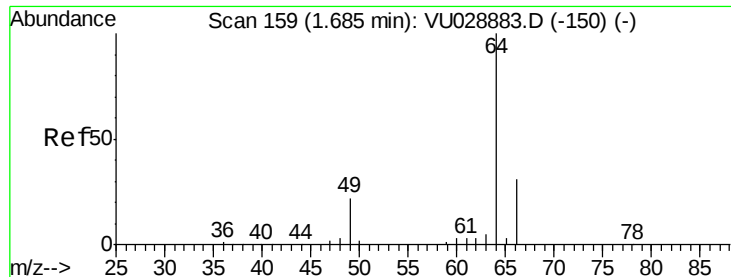
					Qvalue	
8) Chloroethane	1.40	64	918	0.947	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	715	0.636	ug/L #	20
13) Acetone	2.32	43	2726	2.747	ug/L	98
27) 1,2-Dichloroethane	5.34	62	904	0.546	ug/L #	74
37) 1,2-Dichloropropane	6.33	63	7579	5.198	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1748	0.841	ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	1290	0.696	ug/L	98
48) 2-Hexanone	8.31	43	8860	5.508	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	7973	4.582	ug/L	95

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

Data File : VU028892.D
Acq On : 21 Dec 2018 22:41
Operator : MD/SY
Sample : J6509-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Dec 22 01:59:27 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





#8

Chloroethane

Concen: 0.947 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028892.D

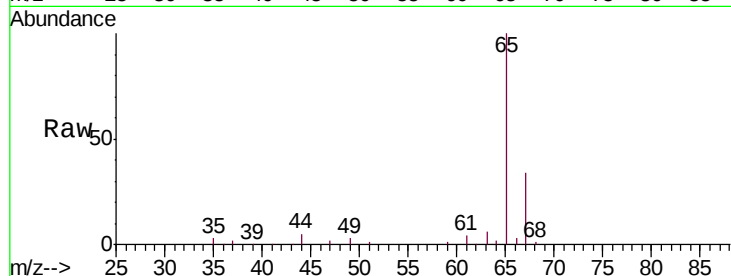
Acq: 21 Dec 2018 22:41

Tgt Ion: 64 Resp: 918

Ion Ratio Lower Upper

64 100

66 180.7 21.5 39.9#



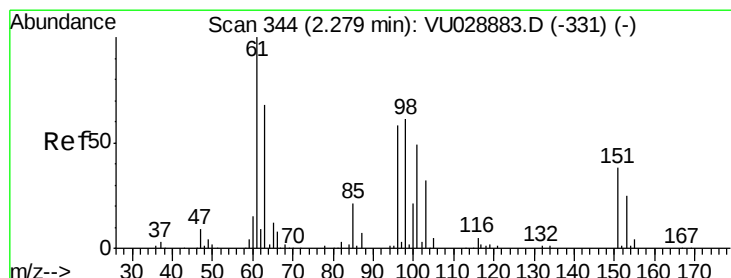
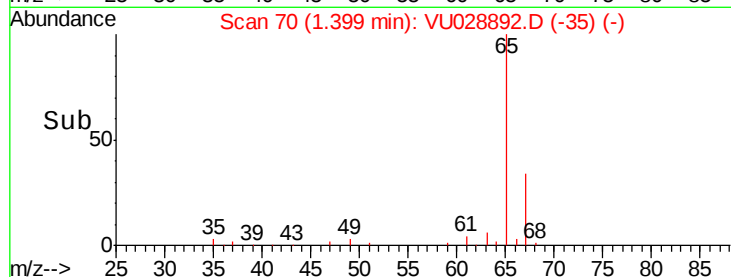
Abundance Ion 64.00 (63.70 to 64.70): VU028883.D (-150) (-)

Ion 66.00 (65.70 to 66.70): VU028883.D (-150) (-)

1.40

1.38 1.40 1.42

Time-->



#10

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

Concen: 0.636 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU028892.D

Acq: 21 Dec 2018 22:41

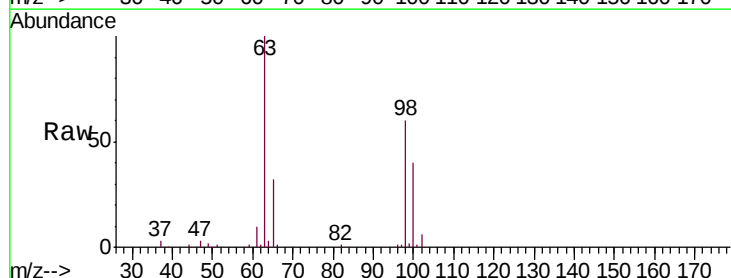
Tgt Ion: 101 Resp: 715

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 59.4 89.0#



Abundance Ion 101.00 (100.70 to 101.70): VU028883.D (-331) (-)

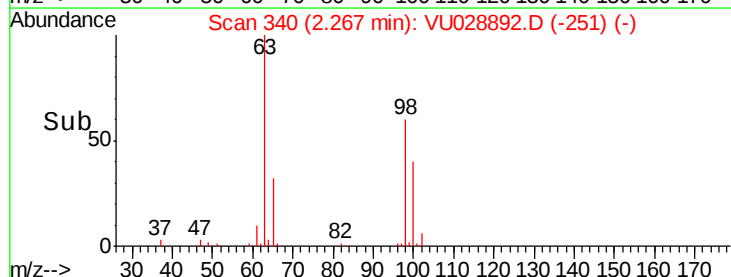
Ion 85.00 (84.70 to 85.70): VU028883.D (-331) (-)

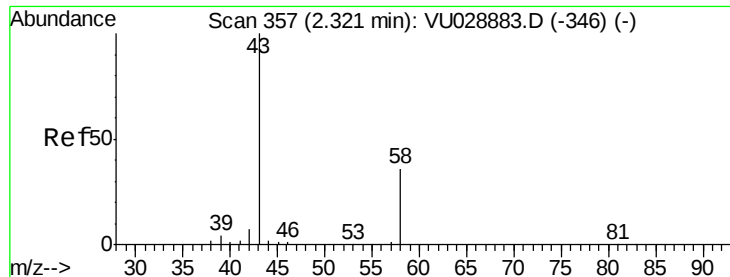
Ion 151.00 (150.70 to 151.70): VU028883.D (-331) (-)

2.27

2.24 2.26 2.28

Time-->





#13

Acetone

Concen: 2.747 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028892.D

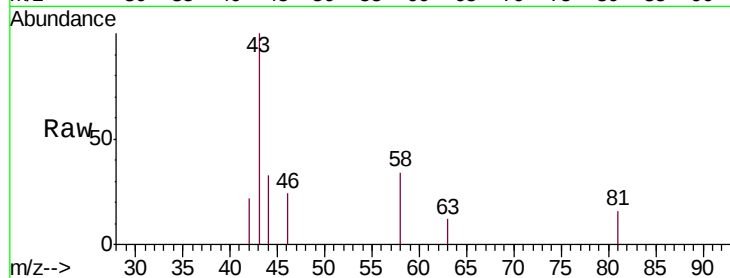
Acq: 21 Dec 2018 22:41

Tgt Ion: 43 Resp: 2726

Ion Ratio Lower Upper

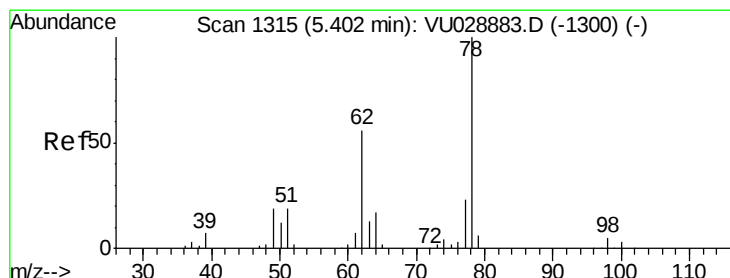
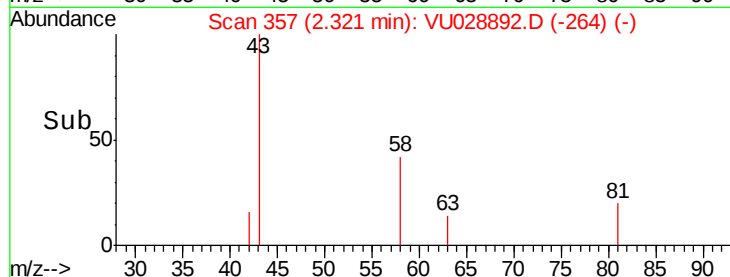
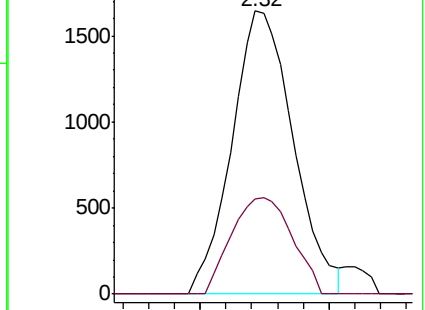
43 100

58 33.7 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU028883.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VU028883.D (-346) (-)



#27

1,2-Dichloroethane

Concen: 0.546 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.06 min

Lab File: VU028892.D

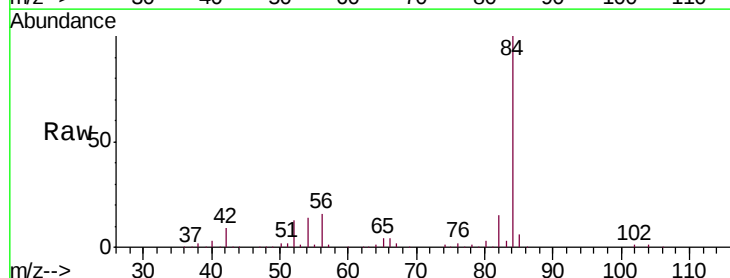
Acq: 21 Dec 2018 22:41

Tgt Ion: 62 Resp: 904

Ion Ratio Lower Upper

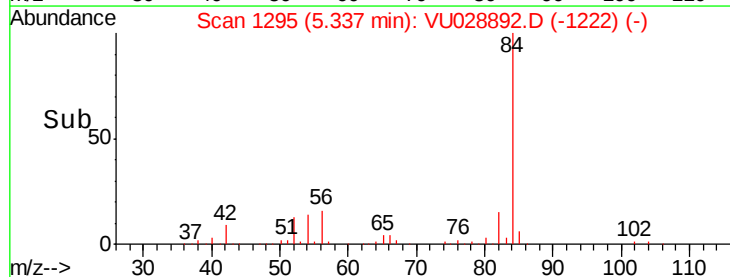
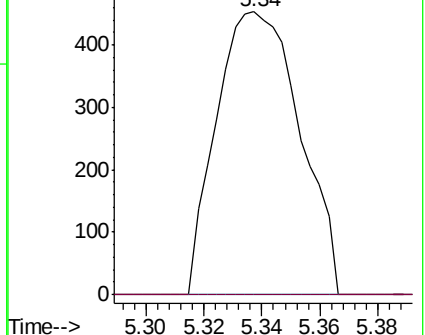
62 100

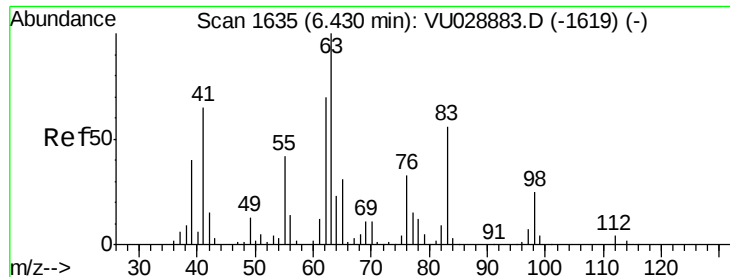
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU028883.D (-1300) (-)

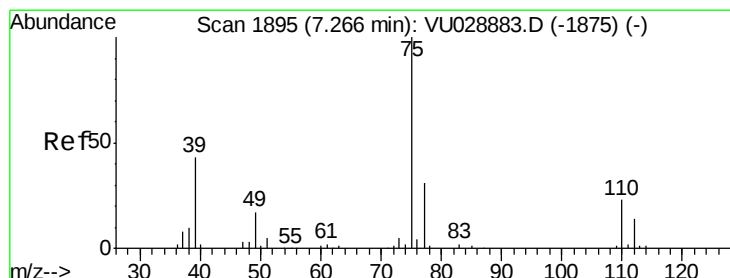
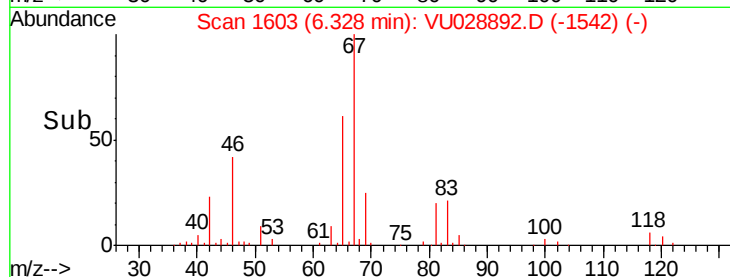
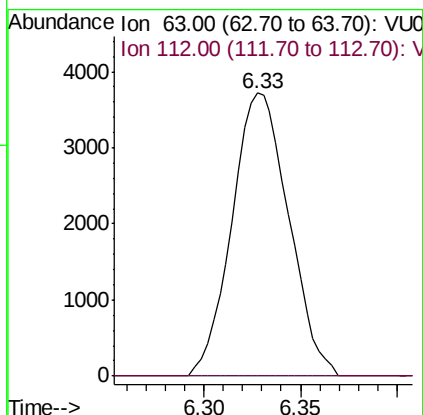
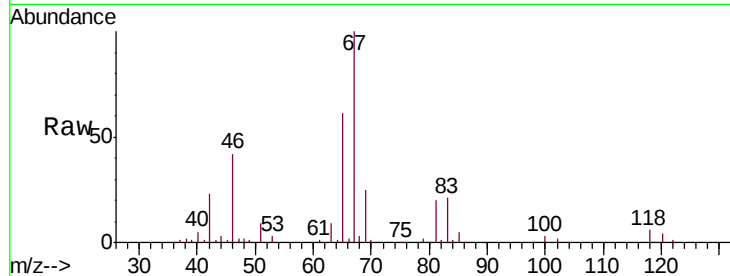
Ion 98.00 (97.70 to 98.70): VU028883.D (-1300) (-)





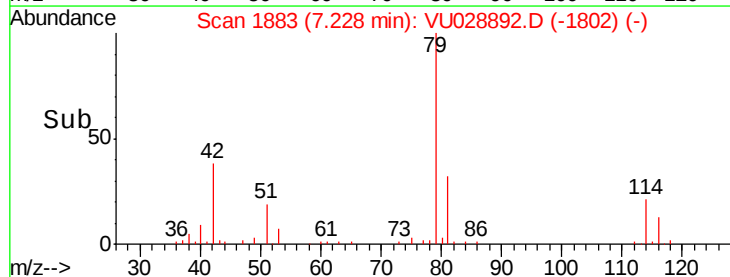
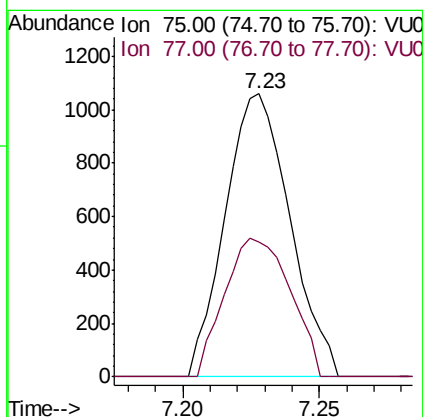
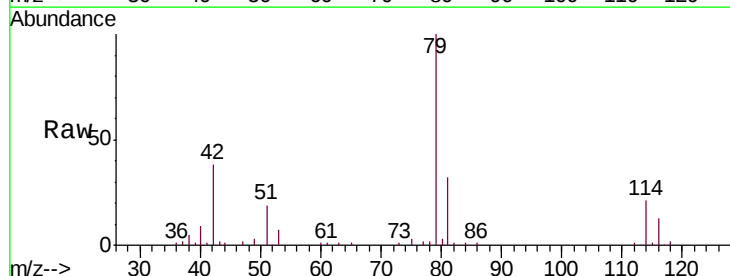
#37
 1,2-Dichloropropane
 Concen: 5.198 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028892.D
 Acq: 21 Dec 2018 22:41

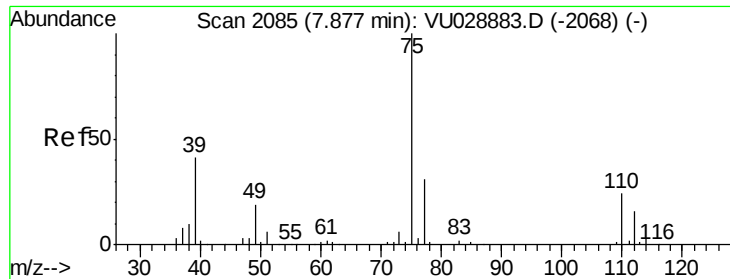
Tgt Ion: 63 Resp: 7579
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.841 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028892.D
 Acq: 21 Dec 2018 22:41

Tgt Ion: 75 Resp: 1748
 Ion Ratio Lower Upper
 75 100
 77 47.8 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.696 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028892.D

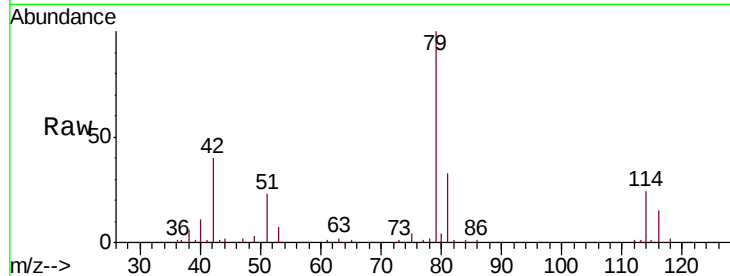
Acq: 21 Dec 2018 22:41

Tgt Ion: 75 Resp: 1290

Ion Ratio Lower Upper

75 100

77 32.2 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

800

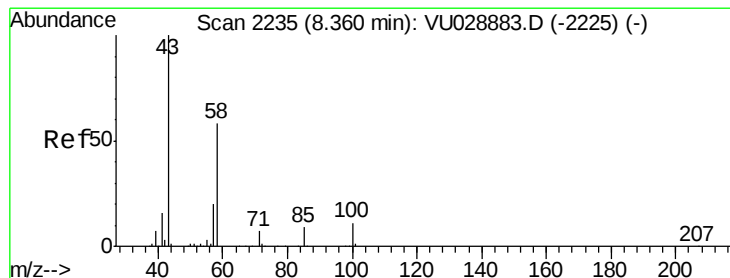
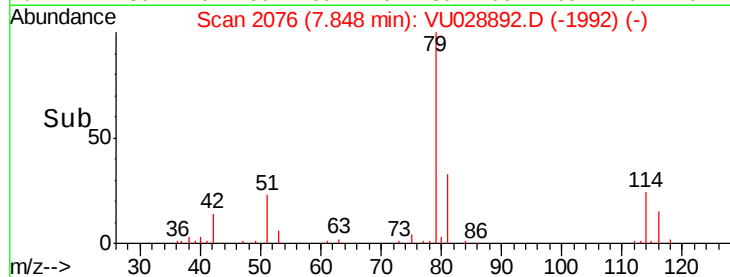
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 5.508 ug/L

RT: 8.31 min Scan# 2219

Delta R.T. -0.05 min

Lab File: VU028892.D

Acq: 21 Dec 2018 22:41

Tgt Ion: 43 Resp: 8860

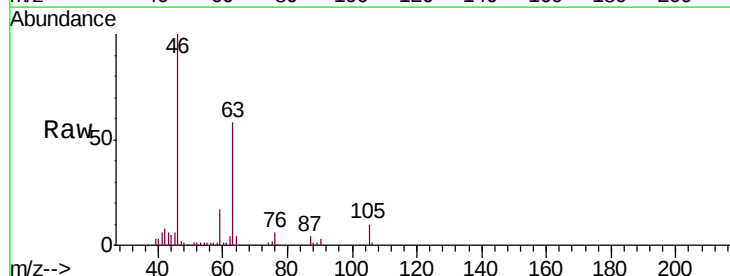
Ion Ratio Lower Upper

43 100

58 27.8 45.9 68.9#

57 24.8 15.0 22.4#

100 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

8.31

8000

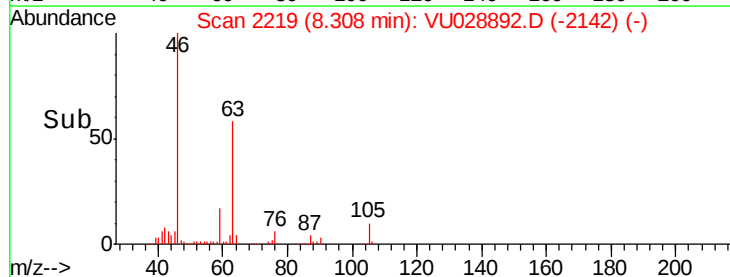
6000

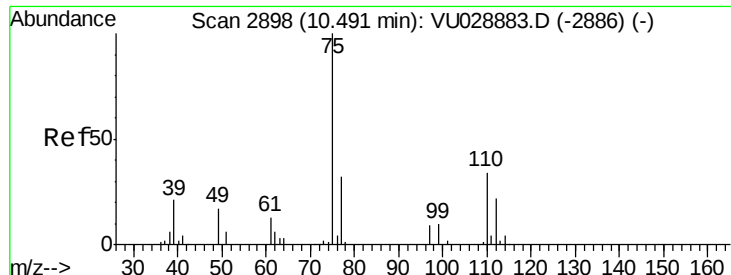
4000

2000

0

Time-->





#59

1,2,3-Trichloropropane
 Concen: 4.582 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028892.D
 Acq: 21 Dec 2018 22:41

Tgt Ion: 75 Resp: 7973
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.5 38.3

