

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\
 Data File : VU036276.D
 Acq On : 18 Dec 2019 16:35
 Operator : JC/MD
 Sample : K6281-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 19 00:54:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 19 00:50:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244474	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	127150	5.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.20%
7) Chloroethane-d5	1.93	69	108146	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.59	63	126594	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.70	46	189774	47.05	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	5.11	84	170962	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.75	65	91382	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.77	84	314204	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.73	67	101043	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	258587	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.21	79	38004	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.67	63	145632	43.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.38%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	87496	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	95851	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

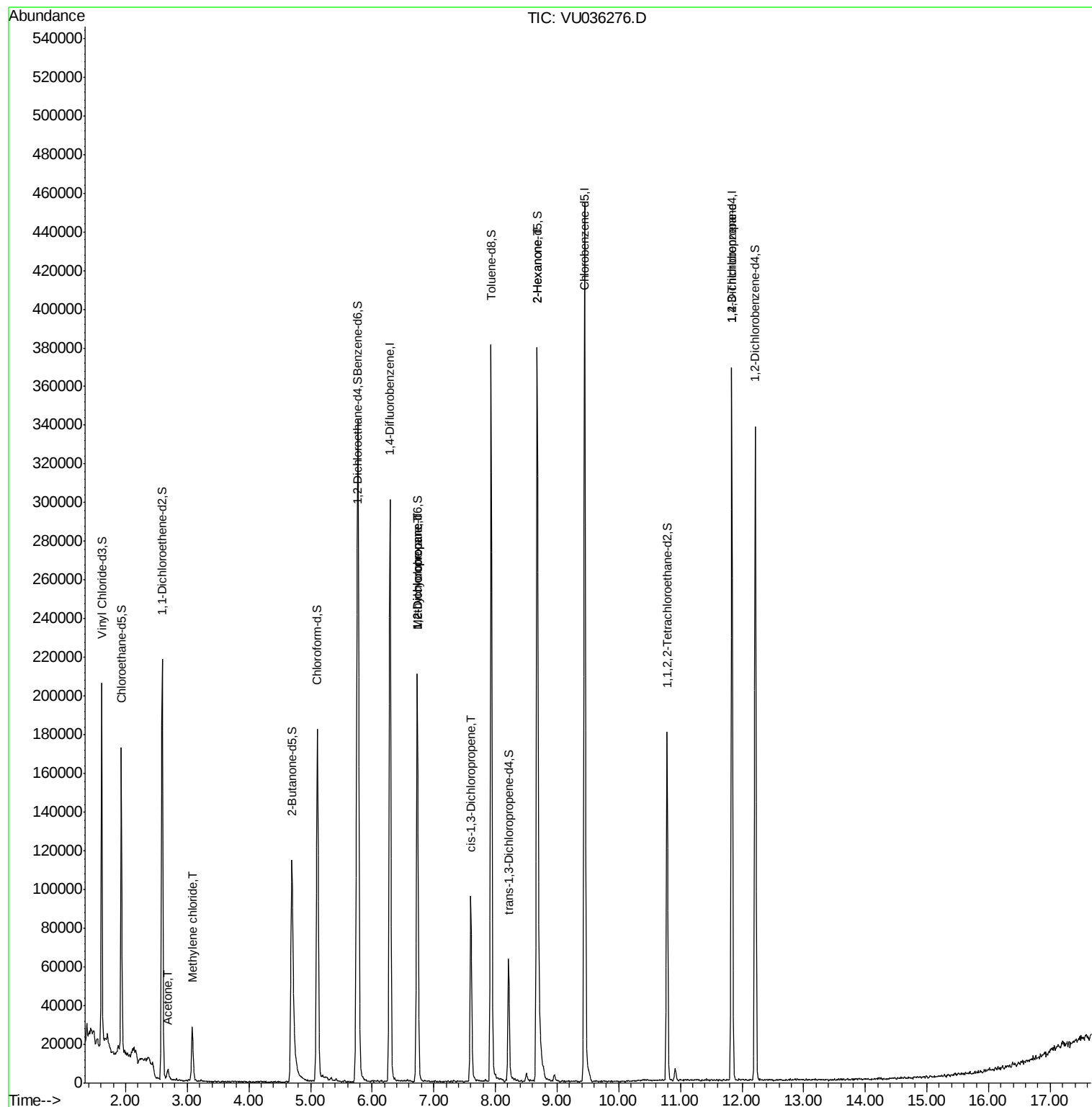
Target Compounds

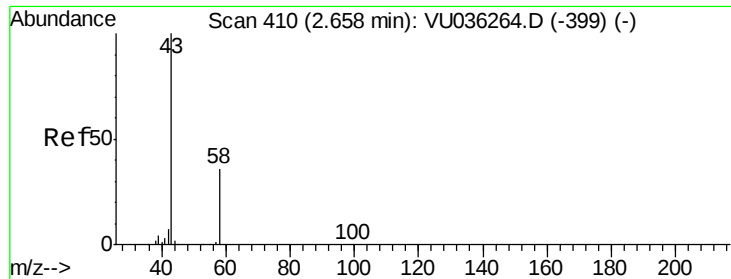
					Ovalue
13) Acetone	2.68	43	7681	2.185 ug/L	98
16) Methylene chloride	3.08	84	14777	0.554 ug/L	93
35) Methylcyclohexane	6.73	83	24014	0.788 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11095	0.523 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2609	0.090 ug/L #	71
48) 2-Hexanone	8.68	43	18946	2.287 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	11012	0.781 ug/L	89

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

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#13

Acetone

Concen: 2.185 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.03 min

Lab File: VU036276.D

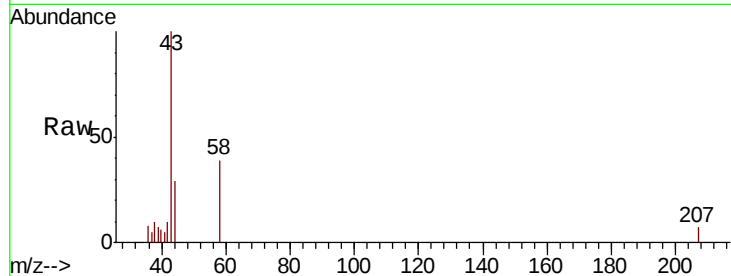
Acq: 18 Dec 2019 16:35

Tot Ion: 43 Resp: 7681

Ion Ratio Lower Upper

43 100

58 32.6 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036276.D (-410) (-)

Ion 58.05 (57.75 to 58.75): VU036276.D (-410) (-)

2.68

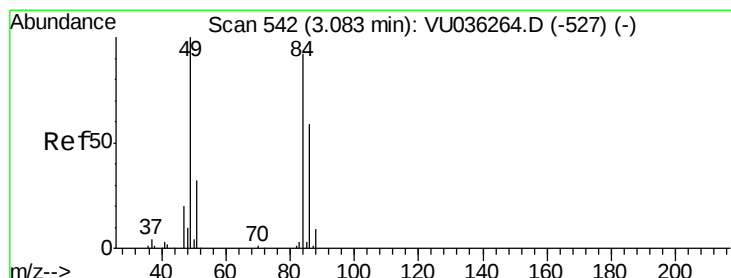
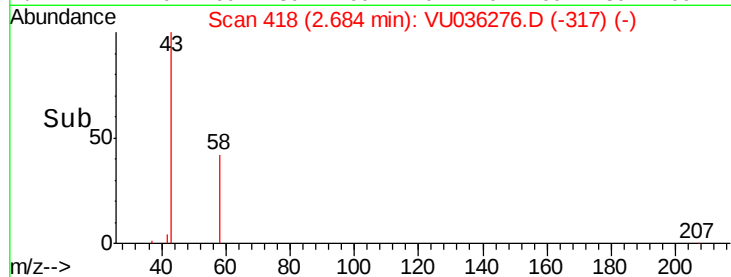
3000

2000

1000

0

Time--> 2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.554 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036276.D

Acq: 18 Dec 2019 16:35

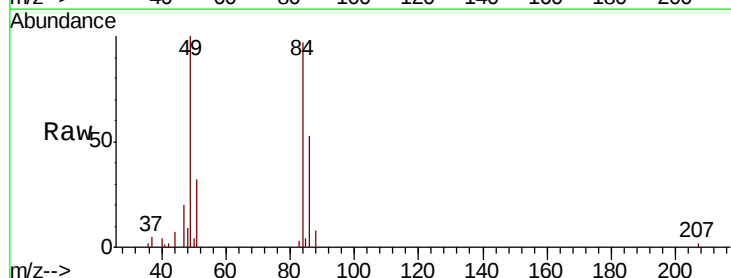
Tgt Ion: 84 Resp: 14777

Ion Ratio Lower Upper

84 100

86 54.7 43.0 79.8

49 103.5 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036276.D (-542) (-)

Ion 86.00 (85.70 to 86.70): VU036276.D (-542) (-)

Ion 49.10 (48.80 to 49.80): VU036276.D (-542) (-)

3.08

10000

8000

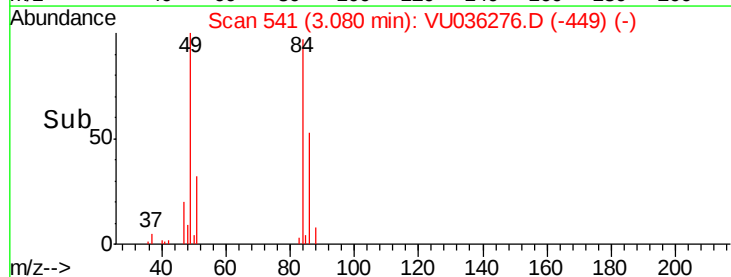
6000

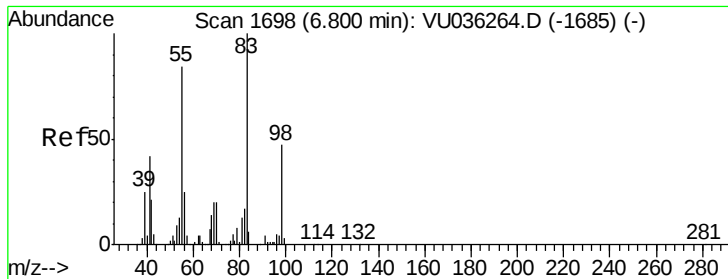
4000

2000

0

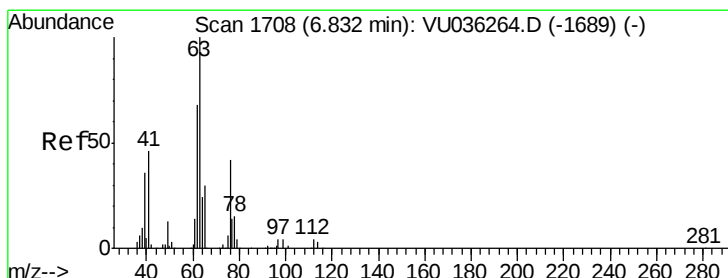
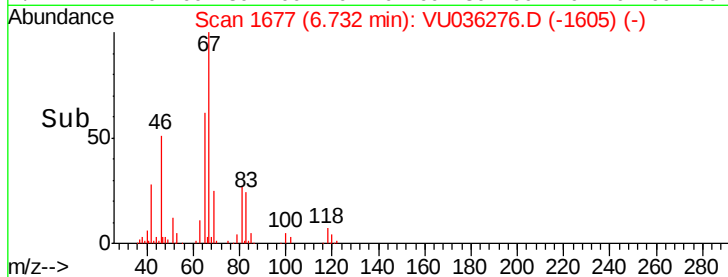
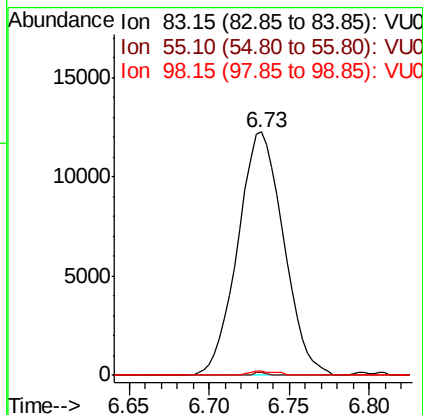
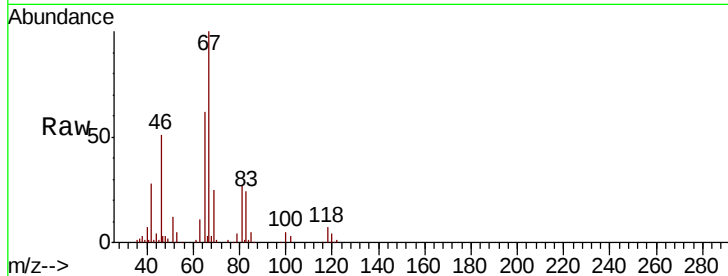
Time--> 3.05 3.10 3.15





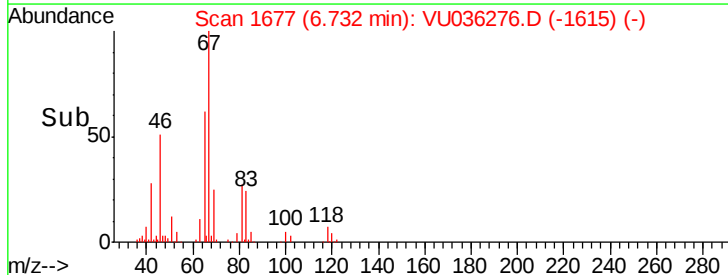
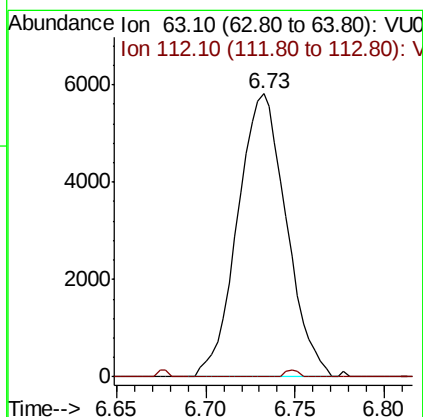
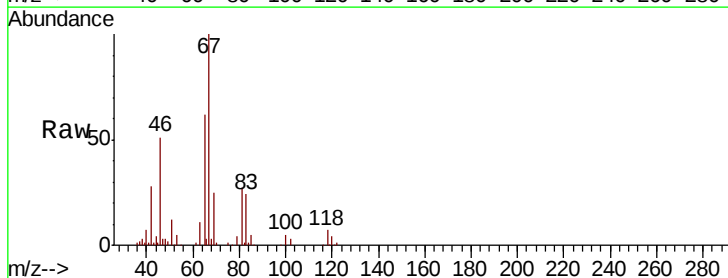
#35
Methvlcvclohexane
Concen: 0.788 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036276.D
Acq: 18 Dec 2019 16:35

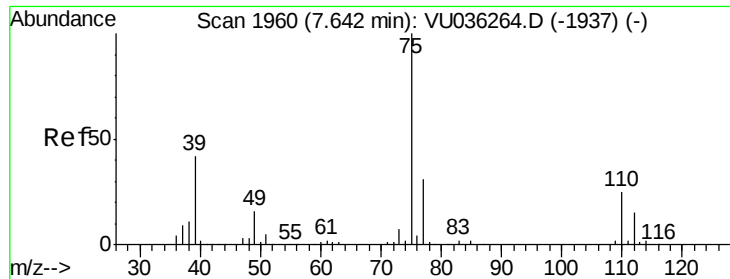
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	1.0	36.2	54.2#



#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036276.D
Acq: 18 Dec 2019 16:35

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036276.D

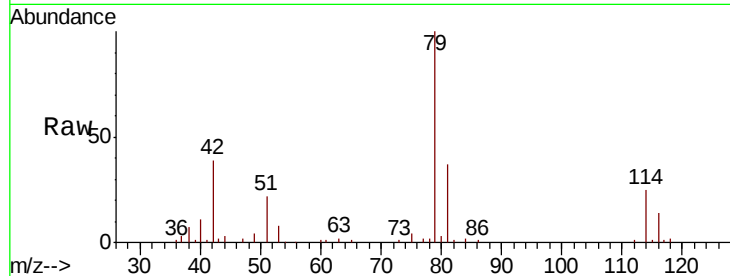
Acq: 18 Dec 2019 16:35

Tot Ion: 75 Resp: 2609

Ion Ratio Lower Upper

75 100

77 48.5 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036276.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU036276.D (-1937) (-)

7.60

1500

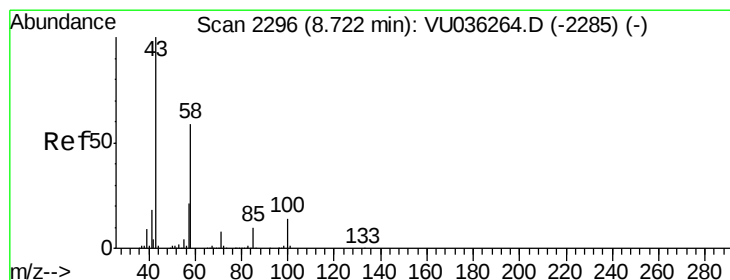
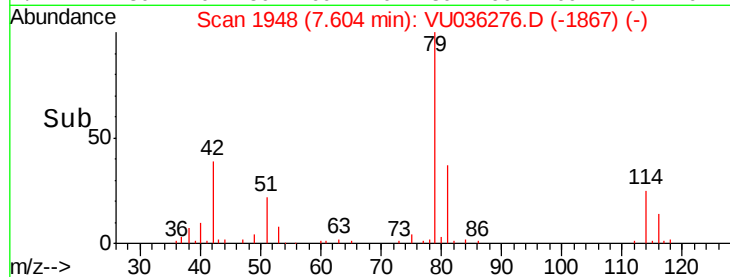
1000

500

0

7.55 7.60 7.65

Time-->



#48

2-Hexanone

Concen: 2.287 ug/L

RT: 8.68 min Scan# 2282

Delta R.T. -0.04 min

Lab File: VU036276.D

Acq: 18 Dec 2019 16:35

Tgt Ion: 43 Resp: 18946

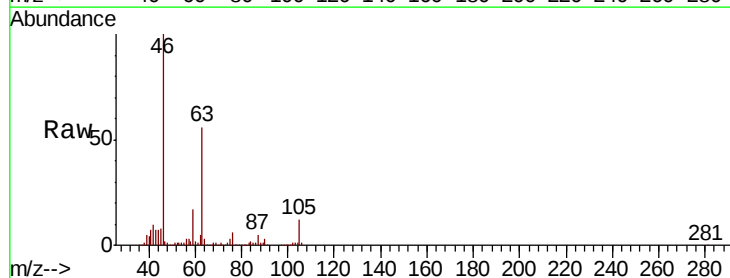
Ion Ratio Lower Upper

43 100

58 38.4 46.2 69.2#

57 39.3 16.2 24.4#

100 2.4 10.2 15.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036276.D (-2203) (-)

Ion 58.05 (57.75 to 58.75): VU036276.D (-2203) (-)

Ion 57.20 (56.90 to 57.90): VU036276.D (-2203) (-)

Ion 100.15 (99.85 to 100.85): VU036276.D (-2203) (-)

8.68

15000

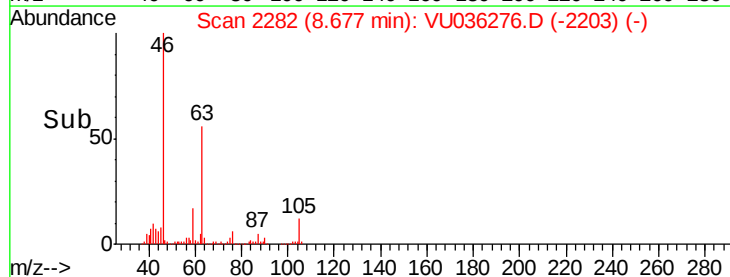
10000

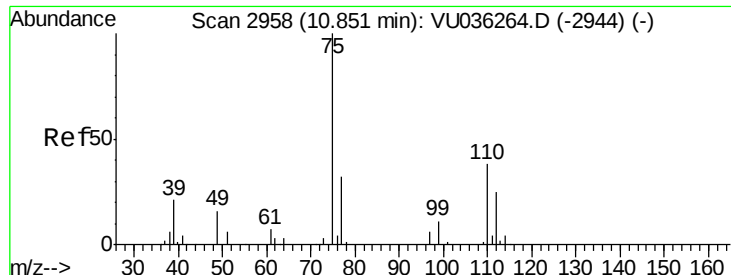
5000

0

8.60 8.65 8.70

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.781 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.98 min

Lab File: VU036276.D

Acq: 18 Dec 2019 16:35

Tot Ion: 75 Resp: 11012

Ion Ratio Lower Upper

75 100

77 40.2 27.2 40.8

