

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036837.D
 Acq On : 18 Feb 2020 15:41
 Operator : JC/MD
 Sample : L1540-22
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 19 04:56:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 19 04:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	116028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	108646	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43034	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33901	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.93	69	34683	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.59	63	47780	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.67	46	102760	49.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.22%
24) Chloroform-d	5.11	84	69162	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.74	65	38875	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.77	84	145012	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.73	67	48289	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.93	98	126175	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.20	79	15258	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.66	63	83886	45.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37159	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	39930	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

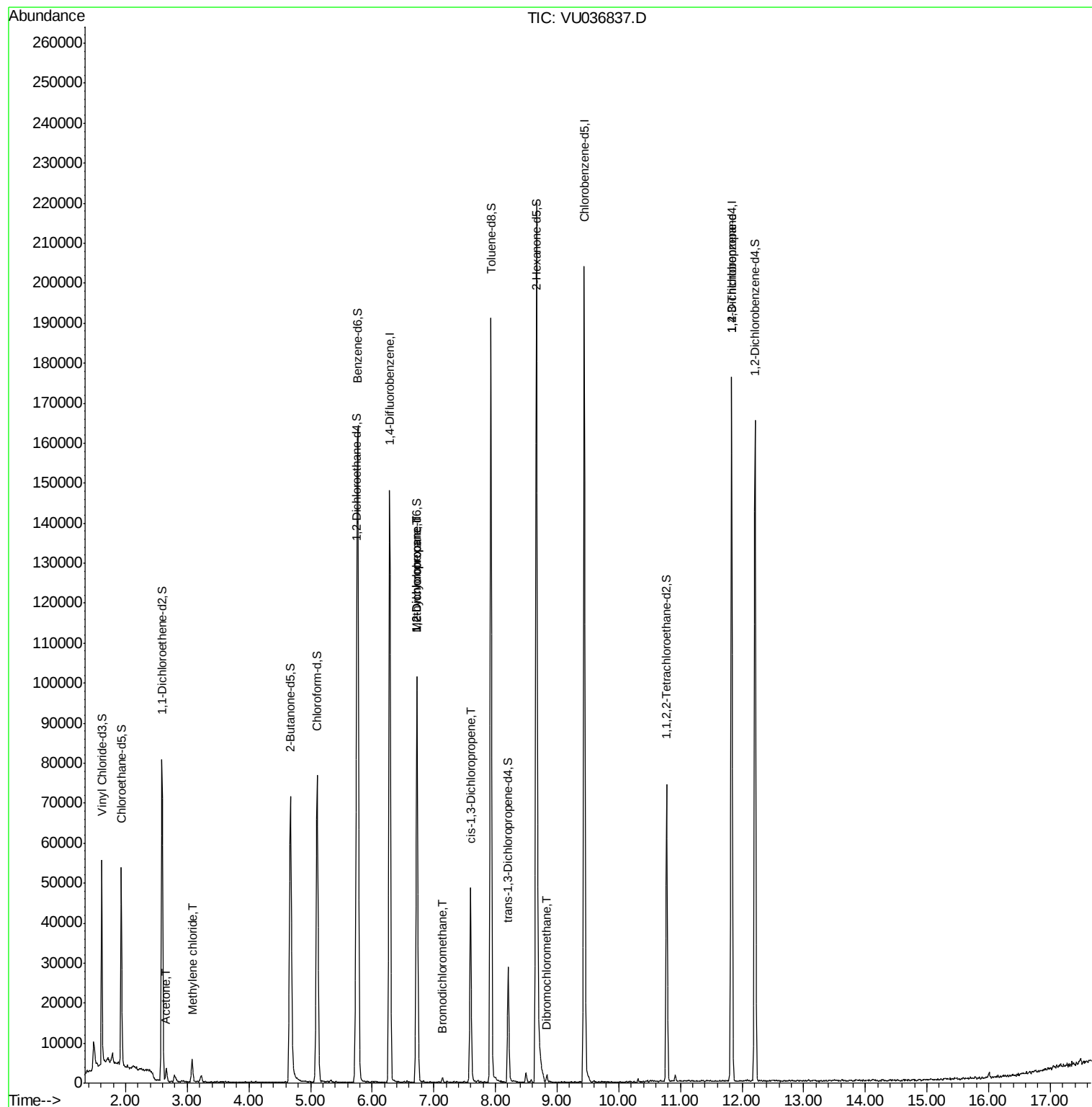
					Ovalue
13) Acetone	2.66	43	3702	1.384 ug/L	90
16) Methylene chloride	3.08	84	2922	0.246 ug/L	94
35) Methylcyclohexane	6.72	83	10300	0.760 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5402	0.590 ug/L #	89
38) Bromodichloromethane	7.14	83	1049	0.096 ug/L #	92
39) cis-1,3-Dichloropropene	7.60	75	1113	0.084 ug/L #	62
49) Dibromochloromethane	8.83	129	1137	0.173 ug/L	86
59) 1,2,3-Trichloropropane	11.83	75	6713	1.111 ug/L	91

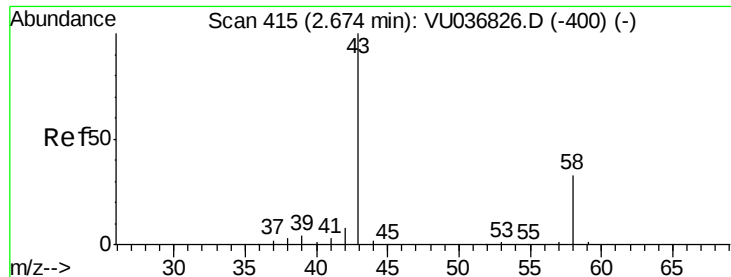
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.384 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036837.D

Acq: 18 Feb 2020 15:41

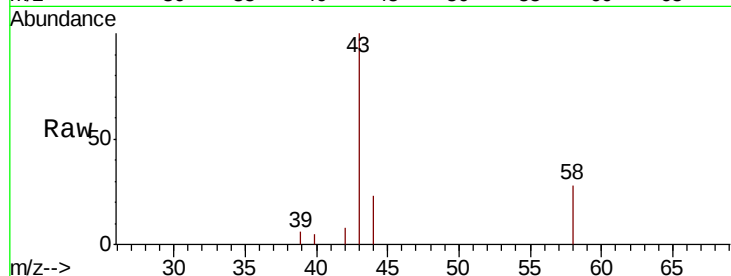
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 3702

Ion Ratio Lower Upper

43 100

58 26.6 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036837.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036837.D (-322) (-)

2.66

2000

1500

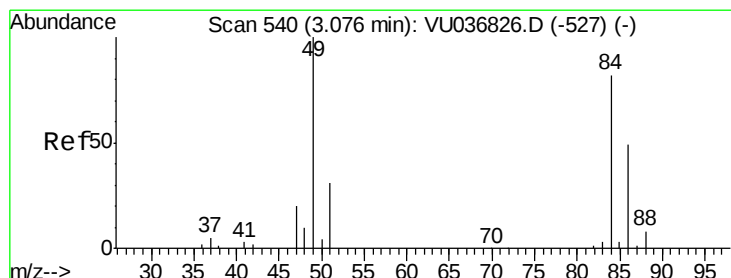
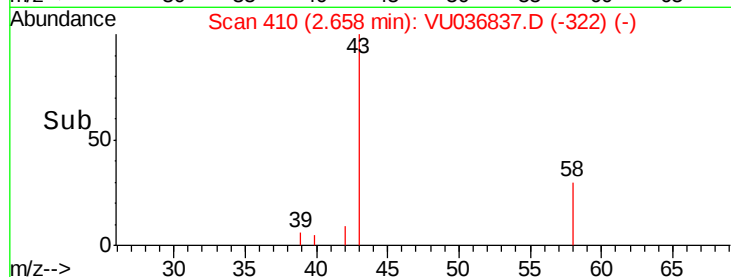
1000

500

0

Time-->

2.60 2.65 2.70



#16

Methylene chloride

Concen: 0.246 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.01 min

Lab File: VU036837.D

Acq: 18 Feb 2020 15:41

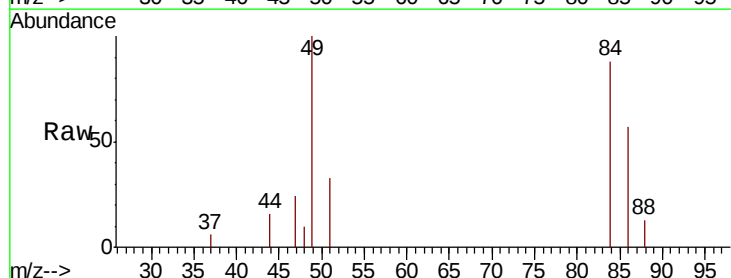
Tgt Ion: 84 Resp: 2922

Ion Ratio Lower Upper

84 100

86 64.4 44.7 82.9

49 113.9 86.7 160.9



Abundance Ion 84.05 (83.75 to 84.75): VU036837.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU036837.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU036837.D (-447) (-)

3.08

2000

1500

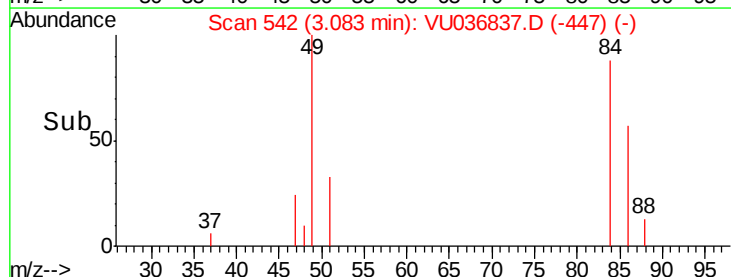
1000

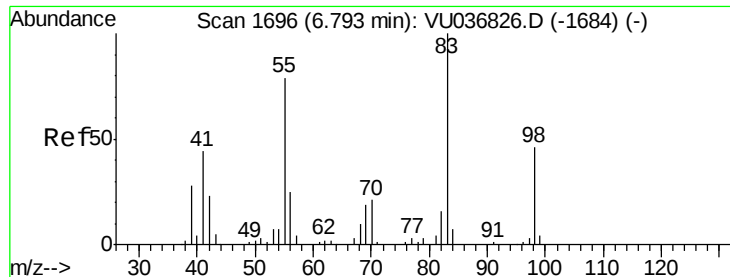
500

0

Time-->

3.05 3.10

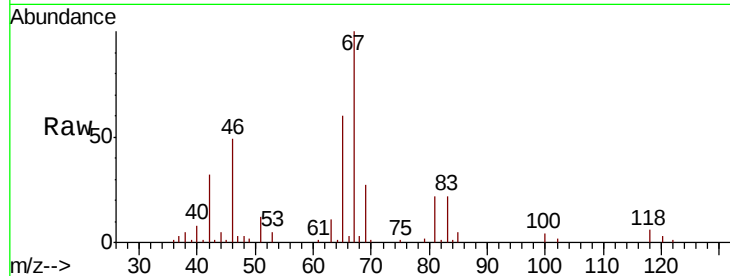




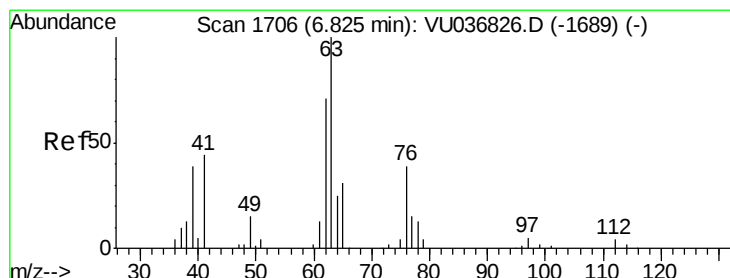
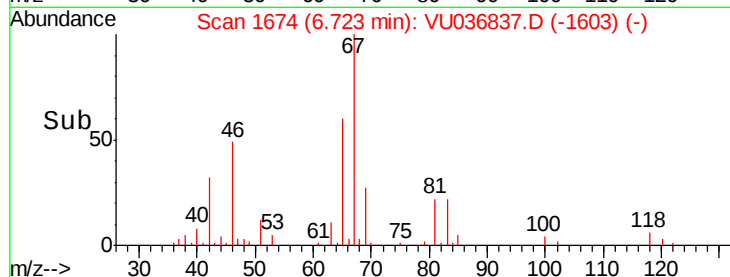
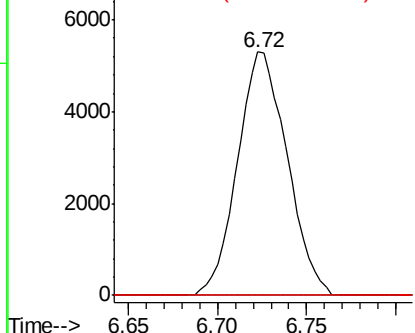
#35
Methvlcvclohexane
Concen: 0.760 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036837.D
Acq: 18 Feb 2020 15:41

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10300
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 34.2 51.4#

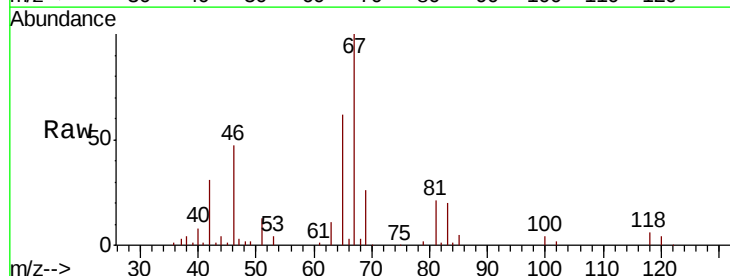


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

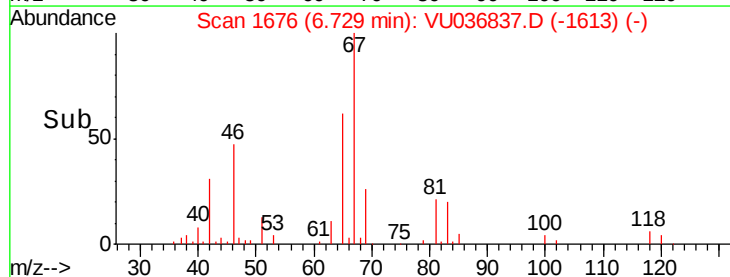
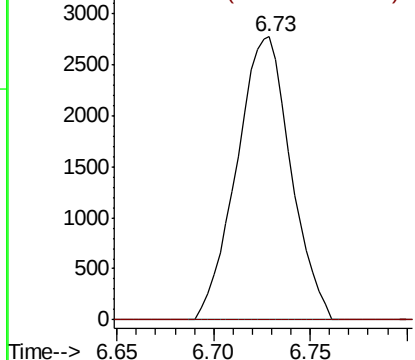


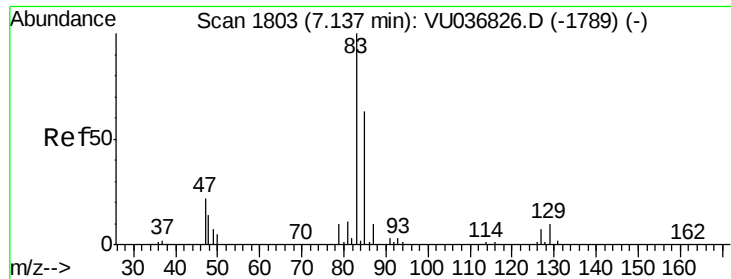
#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036837.D
Acq: 18 Feb 2020 15:41

Tgt Ion: 63 Resp: 5402
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.096 ug/L

RT: 7.14 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VU036837.D

Acq: 18 Feb 2020 15:41

Instrument :

MSVOA_U

ClientSampleId :

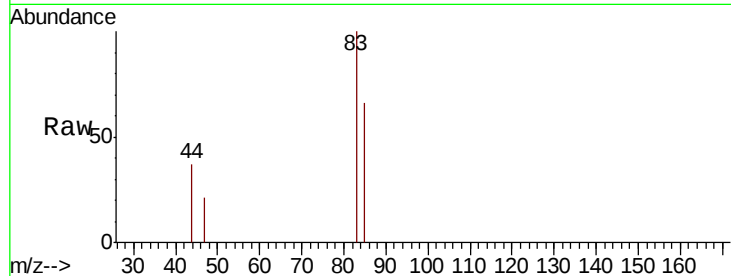
Tot Ion: 83 Resp: 1049

Ion Ratio Lower Upper

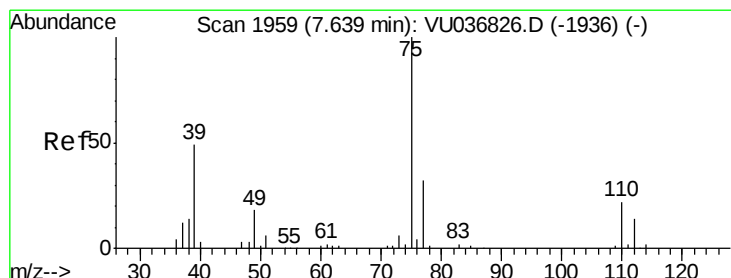
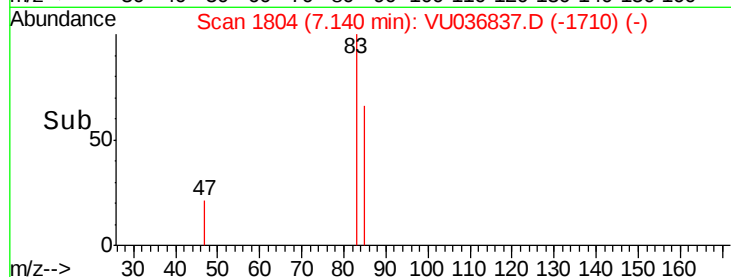
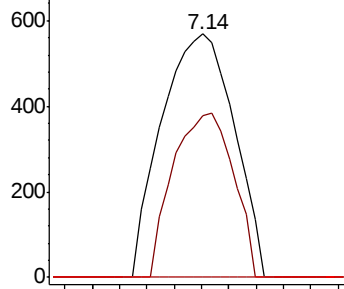
83 100

85 66.3 43.0 80.0

127 0.0 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU036826.D (-1789) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036837.D

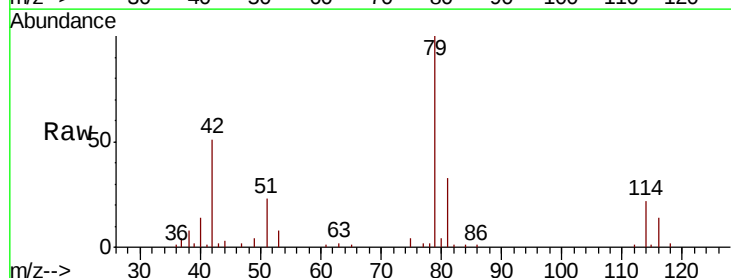
Acq: 18 Feb 2020 15:41

Tgt Ion: 75 Resp: 1113

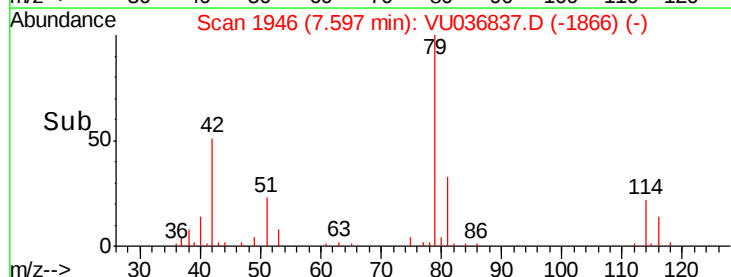
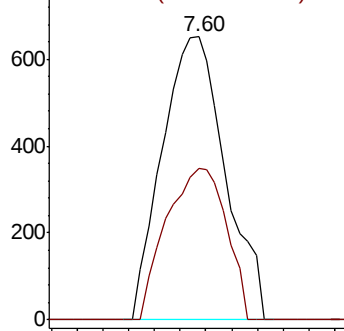
Ion Ratio Lower Upper

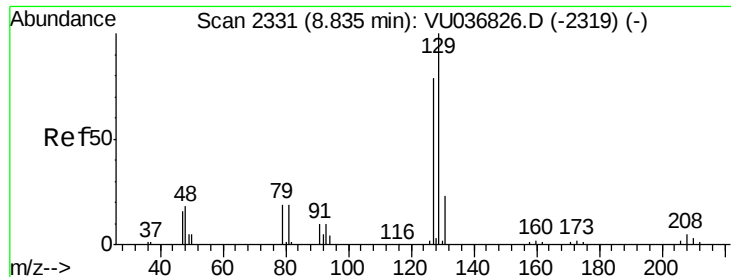
75 100

77 53.7 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036826.D (-1936) (-)





#49

Dibromochloromethane

Concen: 0.173 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU036837.D

Acq: 18 Feb 2020 15:41

Instrument :

MSVOA_U

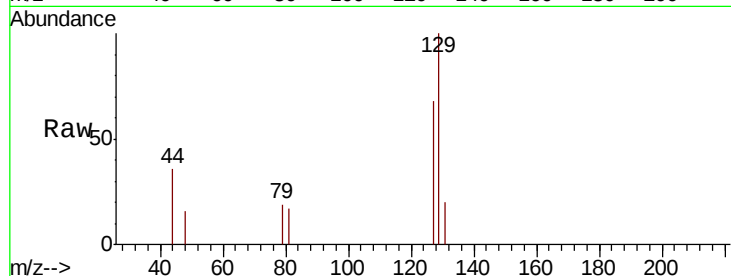
ClientSampleId :

Tot Ion:129 Resp: 1137

Ion Ratio Lower Upper

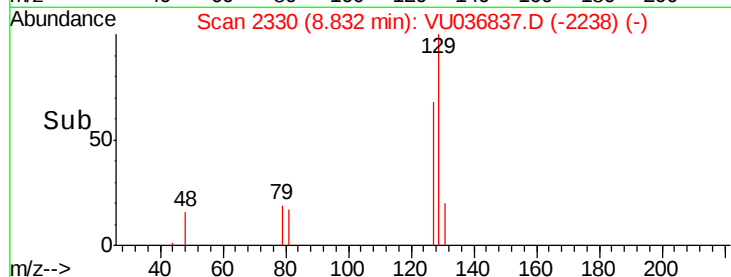
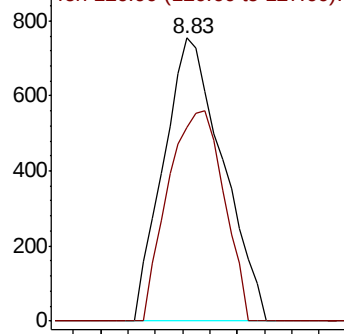
129 100

127 68.3 56.7 105.3

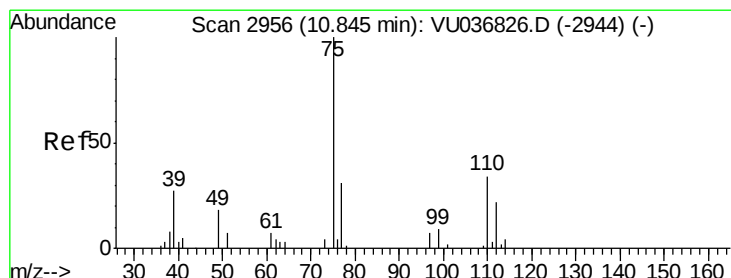


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 1.111 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU036837.D

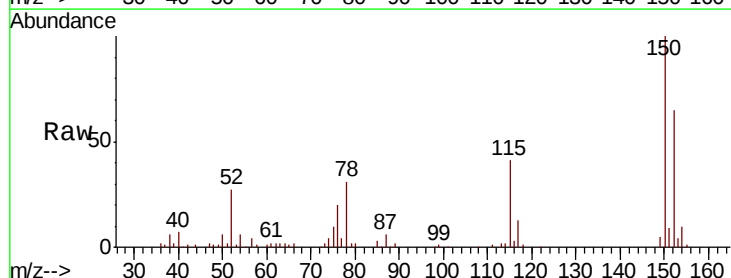
Acq: 18 Feb 2020 15:41

Tgt Ion: 75 Resp: 6713

Ion Ratio Lower Upper

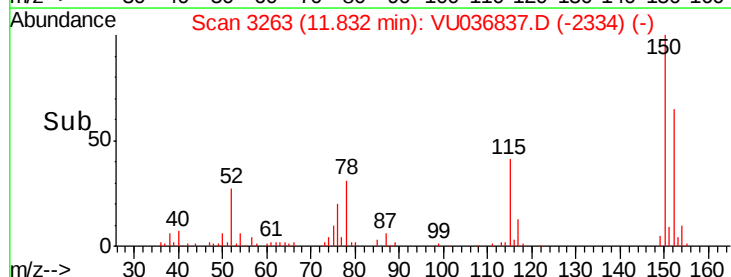
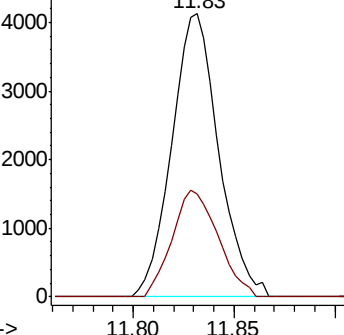
75 100

77 36.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->