

Data File : VU036806.D
Acq On : 17 Feb 2020 13:40
Operator : JC/MD
Sample : L1540-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBD63

Quant Time: Feb 18 00:48:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	119133	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	109036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40250	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.93	69	37941	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.59	63	53998	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.68	46	113369	52.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.54%
24) Chloroform-d	5.11	84	74358	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	43752	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	158372	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	52682	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.93	98	139216	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.21	79	18609	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.66	63	97295	52.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41235	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	44174	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

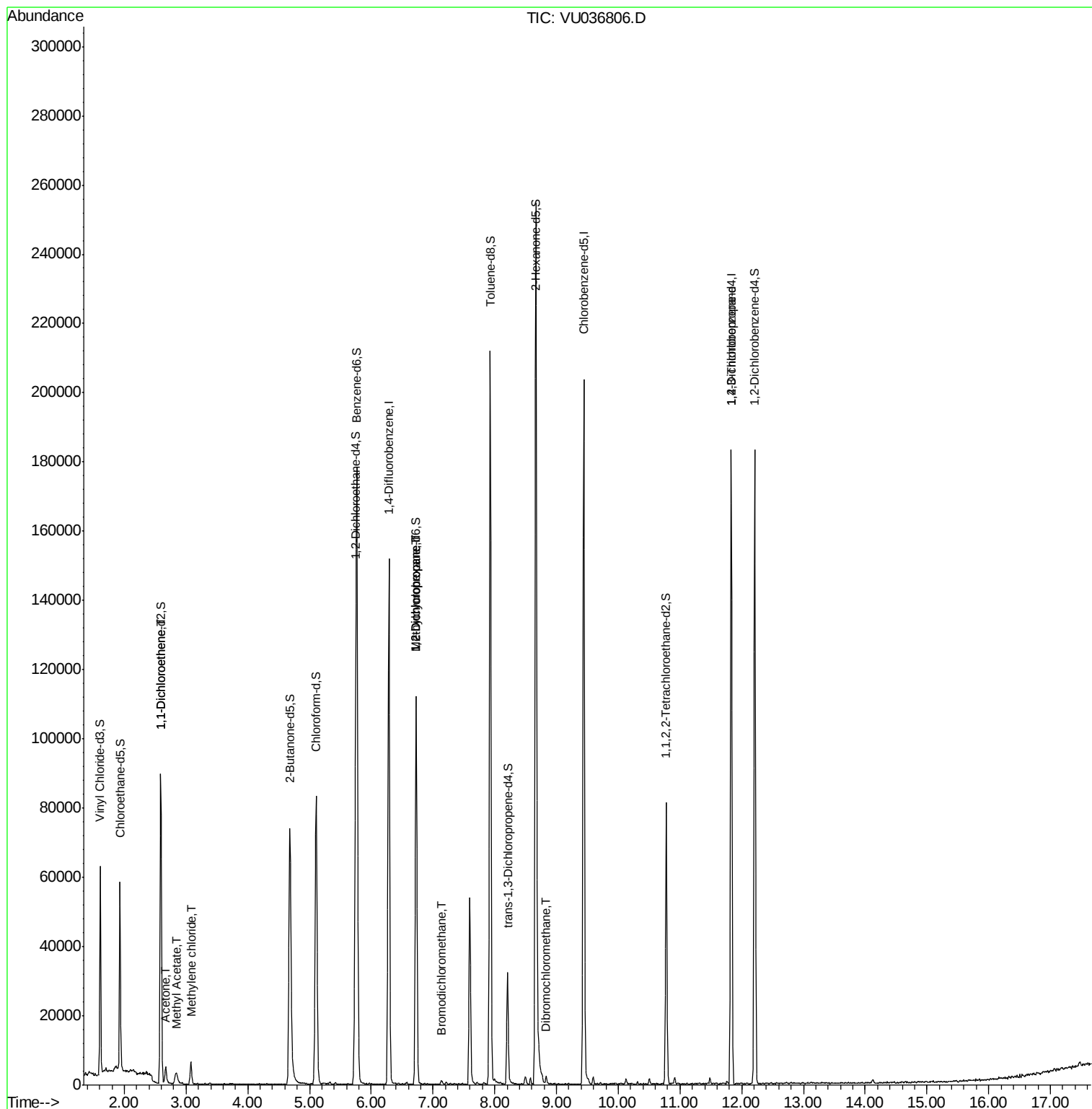
					Qvalue
12) 1,1-Dichloroethene	2.60	96	479	0.066 ug/L #	1
13) Acetone	2.67	43	5986	2.179 ug/L	99
15) Methyl Acetate	2.84	43	1674	0.459 ug/L #	52
16) Methylene chloride	3.08	84	3090	0.253 ug/L	92
35) Methylcyclohexane	6.73	83	11364	0.836 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5799	0.631 ug/L #	89
38) Bromodichloromethane	7.13	83	981	0.090 ug/L #	80
49) Dibromochloromethane	8.84	129	1342	0.203 ug/L	80
59) 1,2,3-Trichloropropane	11.83	75	6935	1.144 ug/L	96

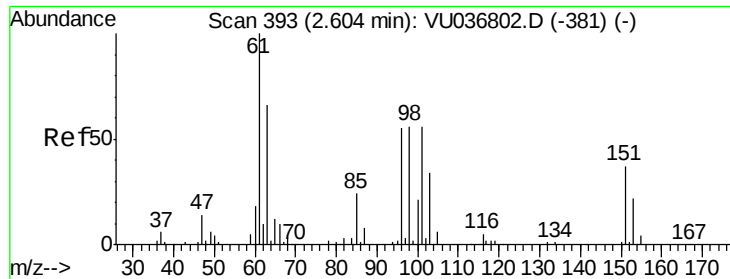
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036806.D

Acq: 17 Feb 2020 13:40

Instrument :

MSVOA_U

ClientSampleId :

DBD63

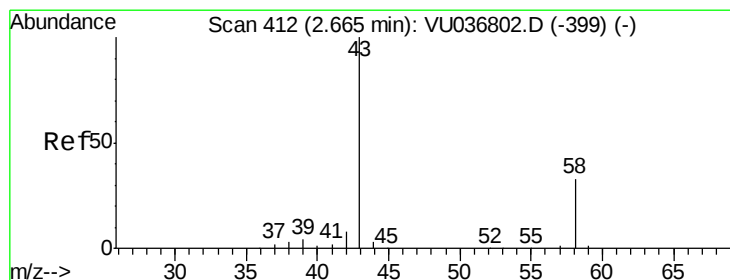
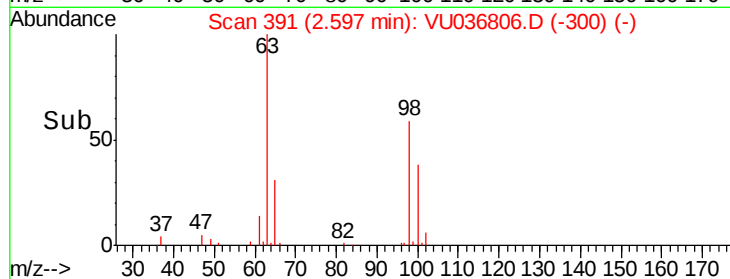
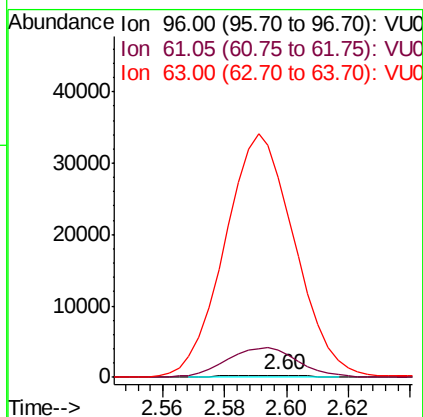
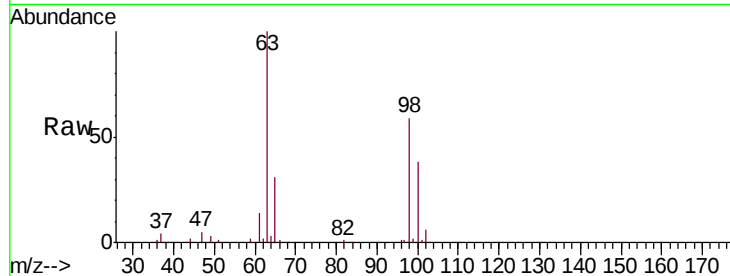
Tgt Ion: 96 Resp: 479

Ion Ratio Lower Upper

96 100

61 1256.1 126.4 234.8#

63 9055.5 89.5 166.3#



#13

Acetone

Concen: 2.179 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU036806.D

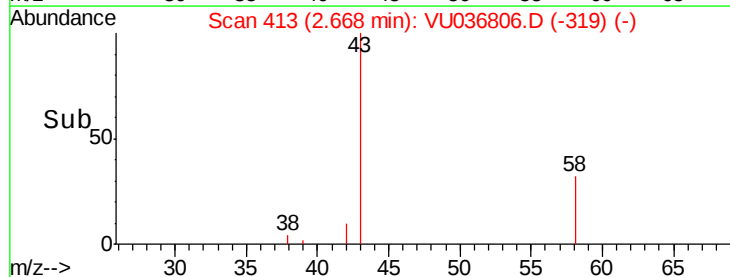
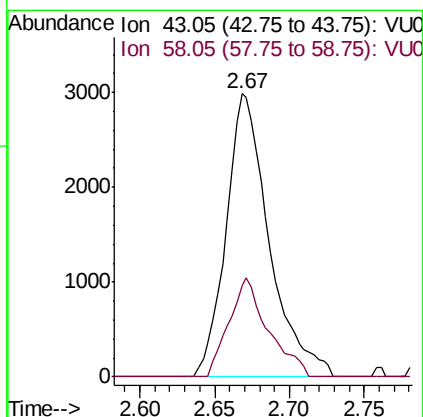
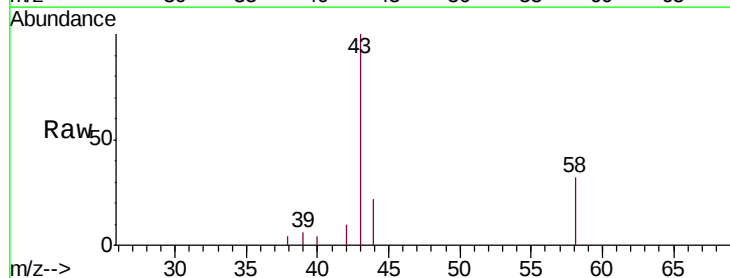
Acq: 17 Feb 2020 13:40

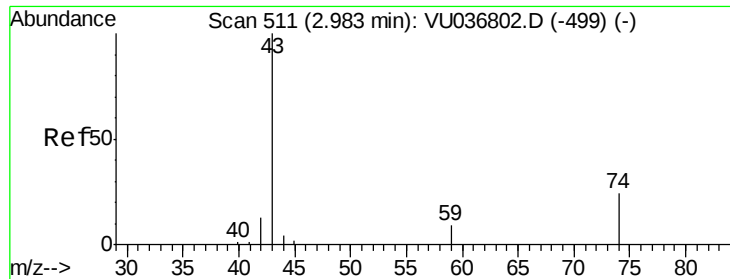
Tgt Ion: 43 Resp: 5986

Ion Ratio Lower Upper

43 100

58 31.8 0.0 64.2





#15

Methyl Acetate

Concen: 0.459 ug/L

RT: 2.84 min Scan# 466

Delta R.T. -0.14 min

Lab File: VU036806.D

Acq: 17 Feb 2020 13:40

Instrument :

MSVOA_U

ClientSampleId :

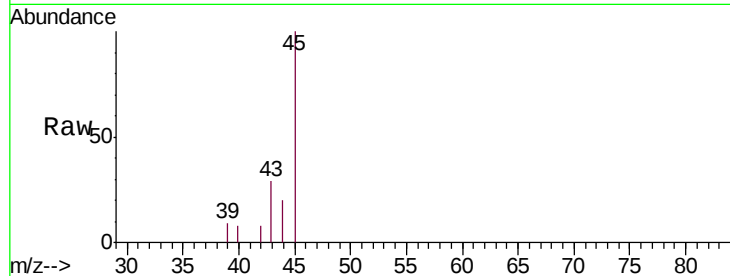
DBD63

Tgt Ion: 43 Resp: 1674

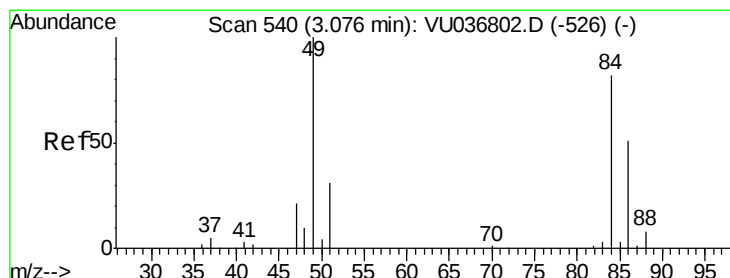
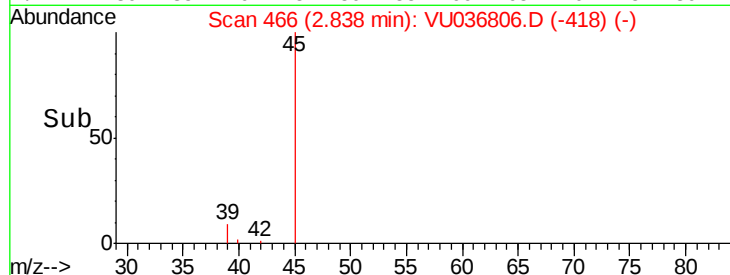
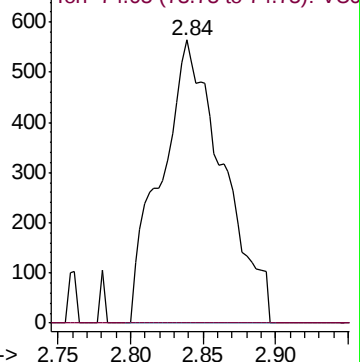
Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036806.D (-418) (-)



#16

Methylene chloride

Concen: 0.253 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036806.D

Acq: 17 Feb 2020 13:40

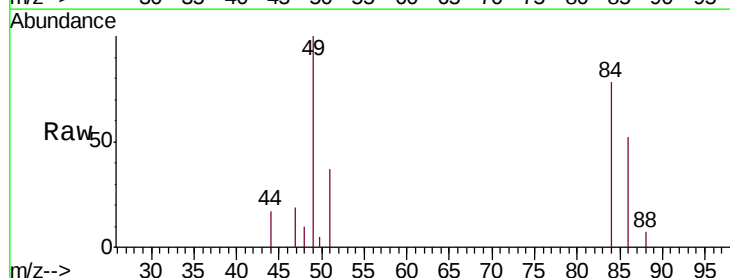
Tgt Ion: 84 Resp: 3090

Ion Ratio Lower Upper

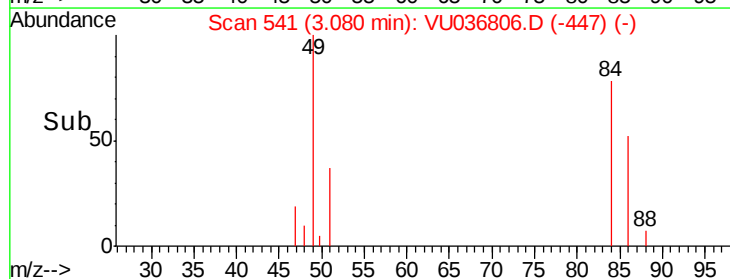
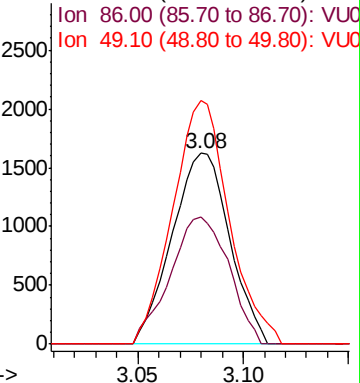
84 100

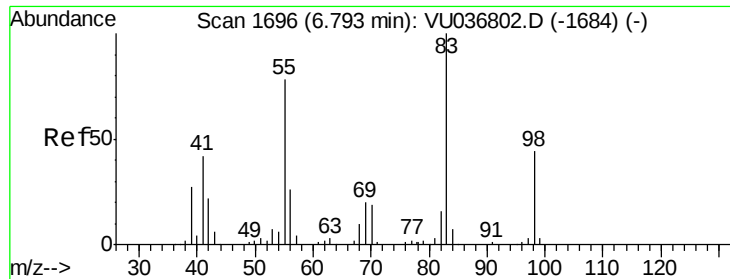
86 66.9 44.7 82.9

49 134.4 86.7 160.9



Abundance Ion 84.05 (83.75 to 84.75): VU036806.D (-447) (-)

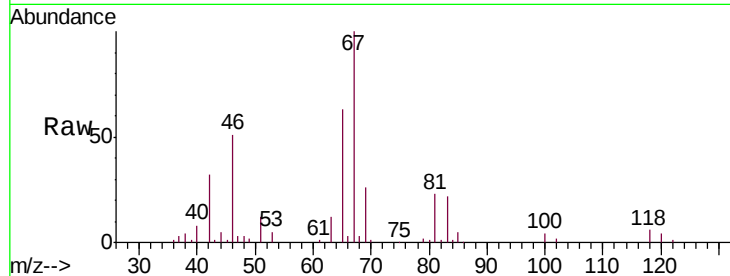




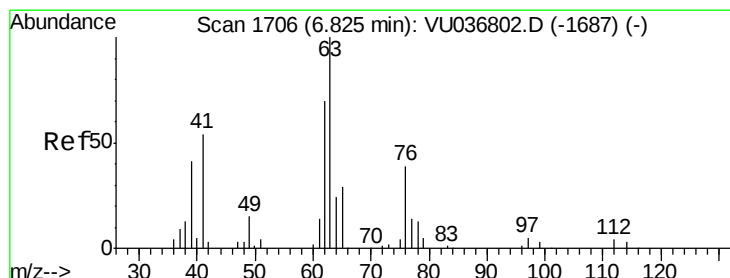
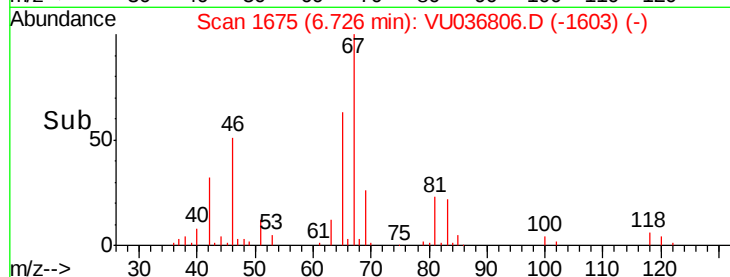
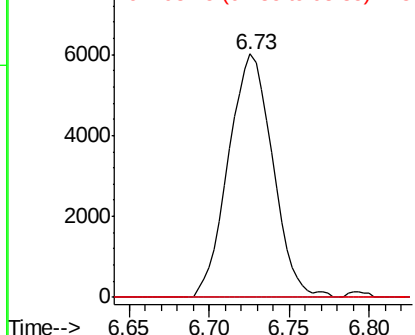
#35
Methylcyclohexane
Concen: 0.836 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036806.D
Acq: 17 Feb 2020 13:40

Instrument :
MSVOA_U
ClientSampleId :
DBD63

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.0	34.2	51.4#

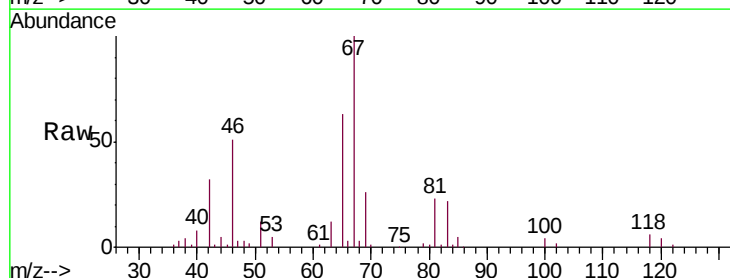


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

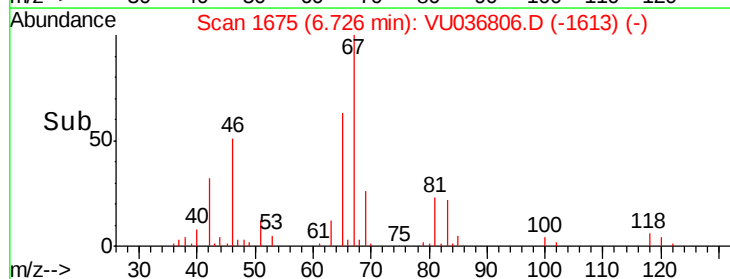
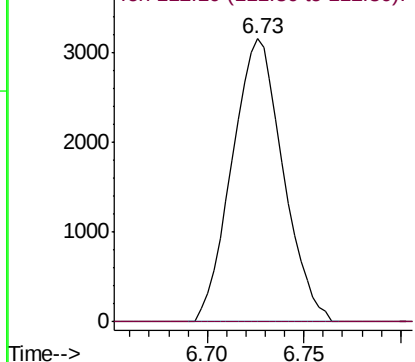


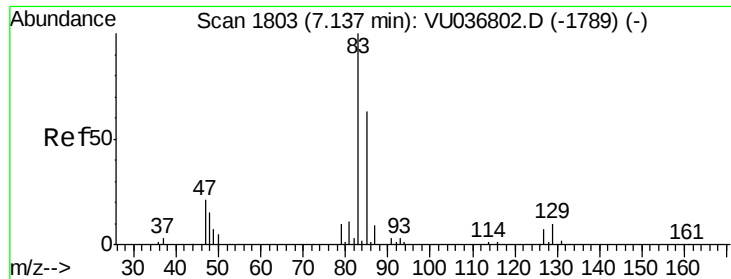
#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036806.D
Acq: 17 Feb 2020 13:40

Tgt 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: 0.090 ug/L

RT: 7.13 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VU036806.D

Acq: 17 Feb 2020 13:40

Instrument :

MSVOA_U

ClientSampleId :

DBD63

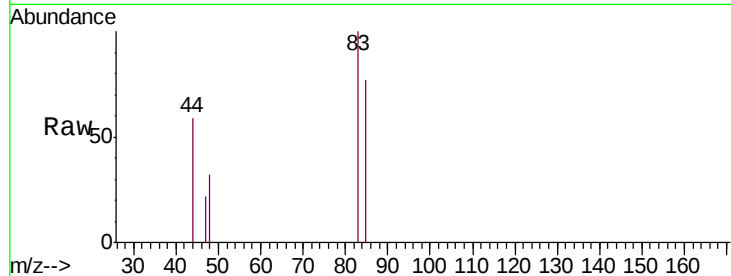
Tgt Ion: 83 Resp: 981

Ion Ratio Lower Upper

83 100

85 76.6 43.0 80.0

127 0.0 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU036802.D (-1789) (-)

Ion 85.00 (84.70 to 85.70): VU036802.D (-1789) (-)

Ion 126.90 (126.60 to 127.60): VU036802.D (-1789) (-)

7.13

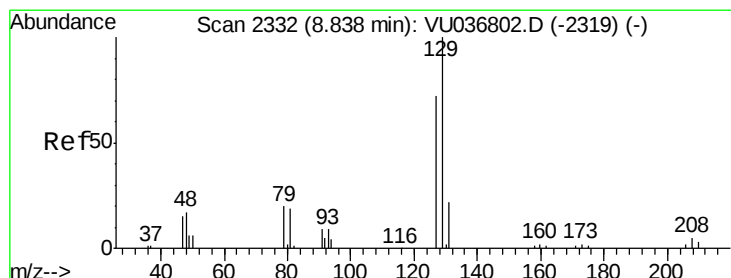
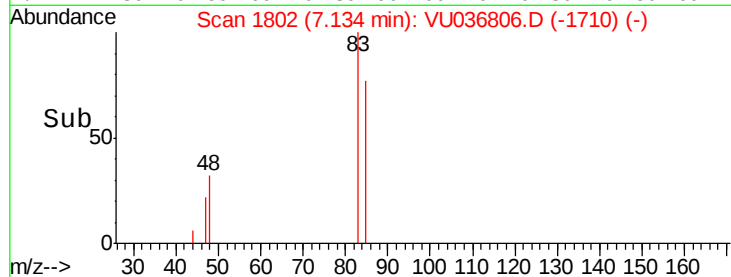
400

200

0

7.10 7.15

Time-->



#49

Dibromochloromethane

Concen: 0.203 ug/L

RT: 8.84 min Scan# 2331

Delta R.T. -0.00 min

Lab File: VU036806.D

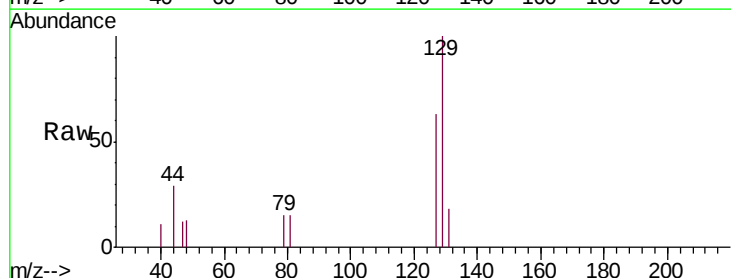
Acq: 17 Feb 2020 13:40

Tgt Ion: 129 Resp: 1342

Ion Ratio Lower Upper

129 100

127 63.0 56.7 105.3



Abundance Ion 128.95 (128.65 to 129.65): VU036802.D (-2319) (-)

Ion 126.90 (126.60 to 127.60): VU036802.D (-2319) (-)

8.84

1000

800

600

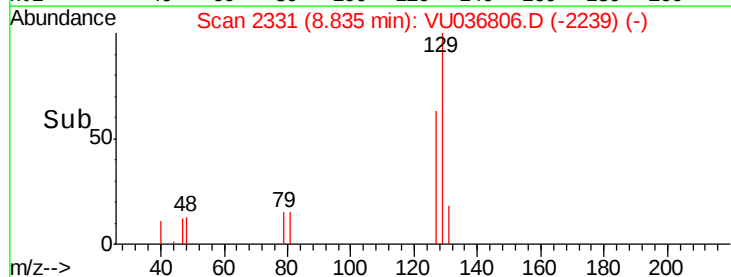
400

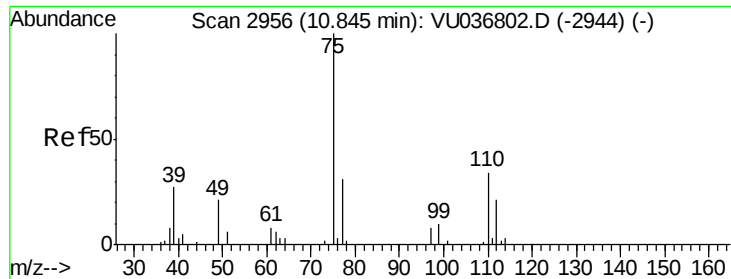
200

0

8.80 8.85

Time-->





#59
 1,2,3-Trichloropropane
 Concen: 1.144 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036806.D
 Acq: 17 Feb 2020 13:40

Instrument :
 MSVOA_U
 ClientSampleId :
 DBD63

Tgt Ion: 75 Resp: 6935
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.6 38.4

