

Data File : VU036808.D
Acq On : 17 Feb 2020 14:30
Operator : JC/MD
Sample : L1537-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AR0

Quant Time: Feb 18 00:49:11 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	117245	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	110510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40439	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.93	69	39165	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.59	63	54998	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.67	46	111238	52.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	5.11	84	72981	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	42630	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.76	84	160332	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.73	67	52555	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.92	98	143349	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.21	79	17496	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.66	63	95871	50.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40393	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	43056	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

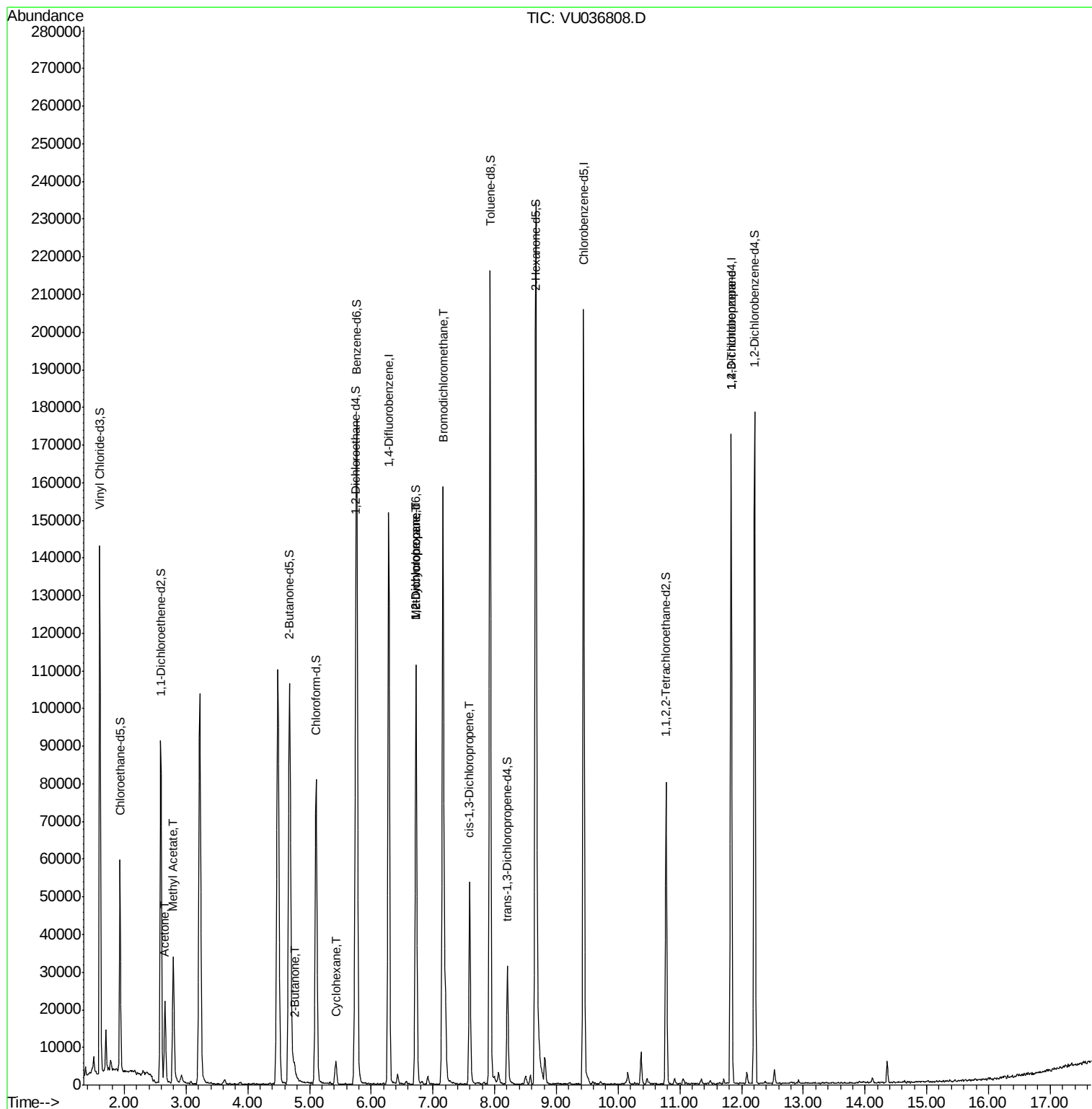
					Qvalue
13) Acetone	2.66	43	24385	9.019 ug/L	99
15) Methyl Acetate	2.79	43	9346	2.605 ug/L #	52
21) 2-Butanone	4.75	43	3930	1.250 ug/L	92
30) Cyclohexane	5.42	56	3162	0.245 ug/L #	91
35) Methylcyclohexane	6.73	83	11346	0.824 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	5817	0.625 ug/L #	89
38) Bromodichloromethane	7.17	83	1778	0.160 ug/L #	1
39) cis-1,3-Dichloropropene	7.60	75	1337	0.099 ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	6175	1.005 ug/L #	86

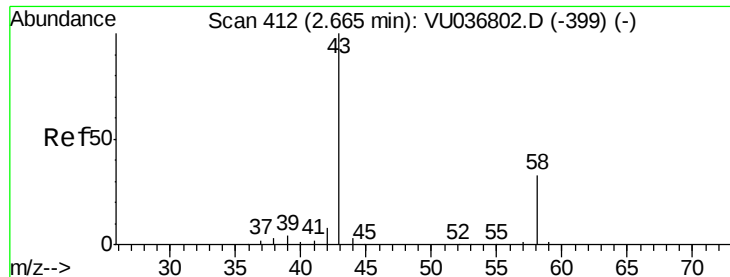
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.019 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

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Acq: 17 Feb 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

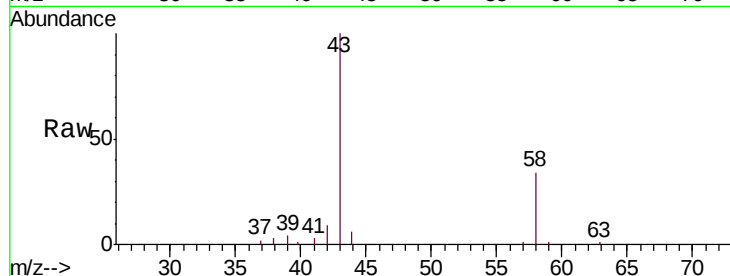
C0AR0

Tgt Ion: 43 Resp: 24385

Ion Ratio Lower Upper

43 100

58 31.8 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036808.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU036808.D (-319) (-)

2.66

15000

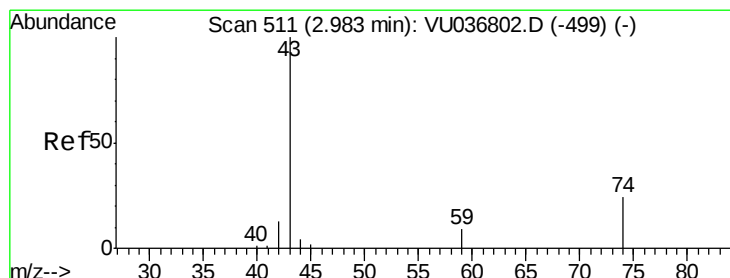
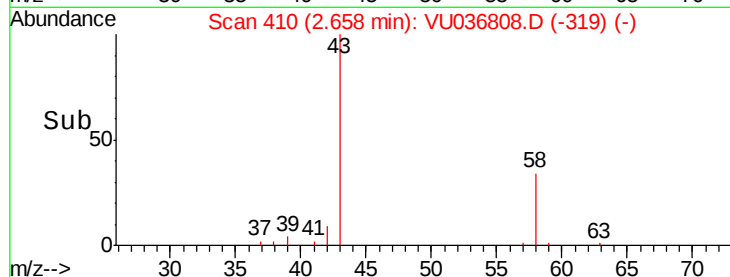
10000

5000

0

Time-->

2.60 2.65 2.70 2.75



#15

Methyl Acetate

Concen: 2.605 ug/L

RT: 2.79 min Scan# 452

Delta R.T. -0.19 min

Lab File: VU036808.D

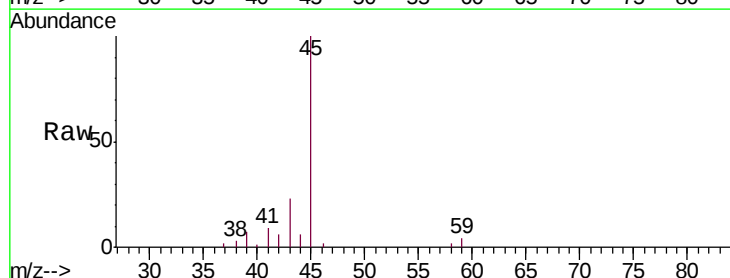
Acq: 17 Feb 2020 14:30

Tgt Ion: 43 Resp: 9346

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036808.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VU036808.D (-418) (-)

2.79

5000

4000

3000

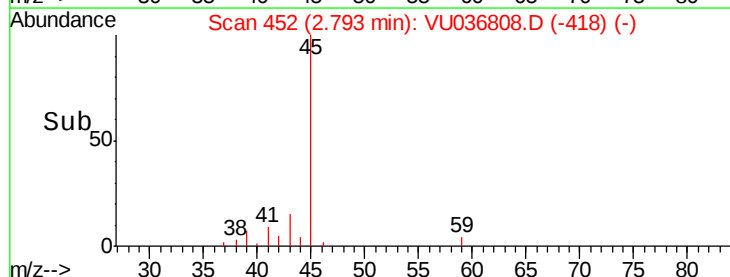
2000

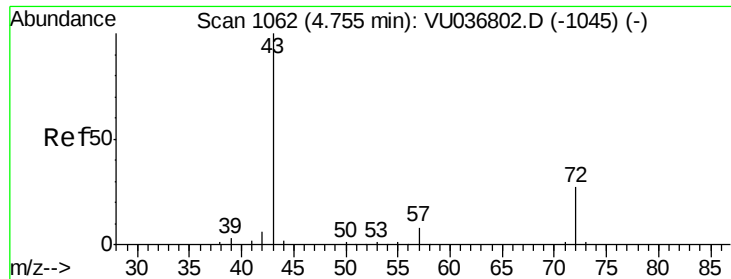
1000

0

Time-->

2.70 2.75 2.80 2.85 2.90





#21

2-Butanone

Concen: 1.250 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU036808.D

Acq: 17 Feb 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

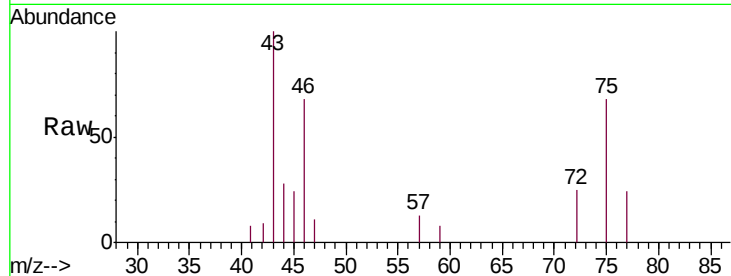
C0AR0

Tgt Ion: 43 Resp: 3930

Ion Ratio Lower Upper

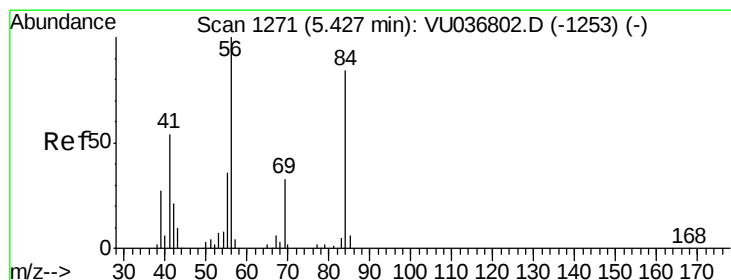
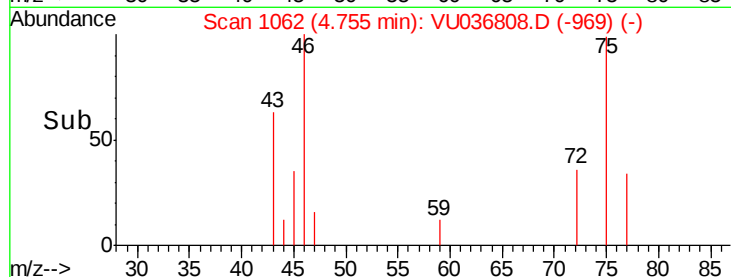
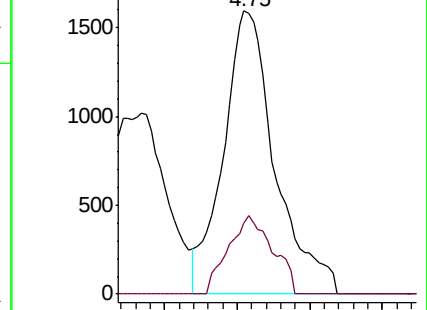
43 100

72 23.8 14.0 41.9



Abundance Ion 43.05 (42.75 to 43.75): VU036808.D (-969) (-)

Ion 72.10 (71.80 to 72.80): VU036808.D (-969) (-)



#30

Cyclohexane

Concen: 0.245 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU036808.D

Acq: 17 Feb 2020 14:30

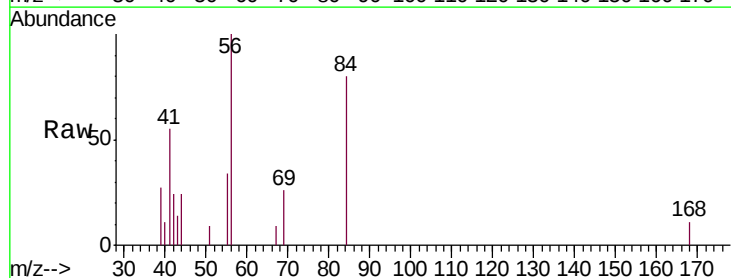
Tgt Ion: 56 Resp: 3162

Ion Ratio Lower Upper

56 100

69 14.8 24.6 37.0#

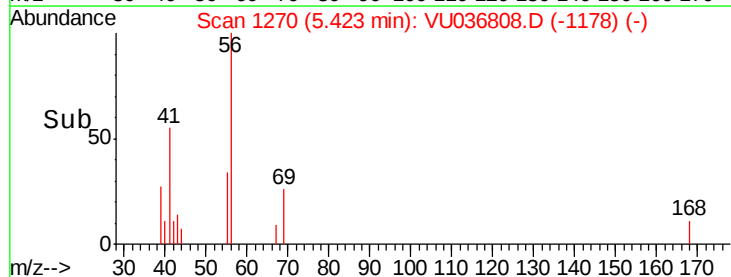
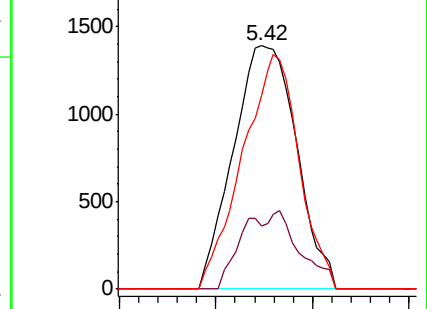
84 86.0 70.0 105.0

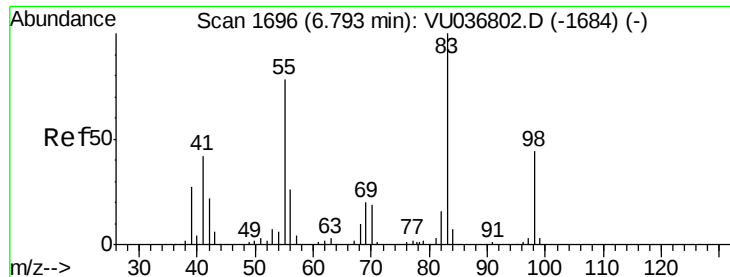


Abundance Ion 56.10 (55.80 to 56.80): VU036808.D (-1178) (-)

Ion 69.15 (68.85 to 69.85): VU036808.D (-1178) (-)

Ion 84.15 (83.85 to 84.85): VU036808.D (-1178) (-)





#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036808.D

Acq: 17 Feb 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

C0AR0

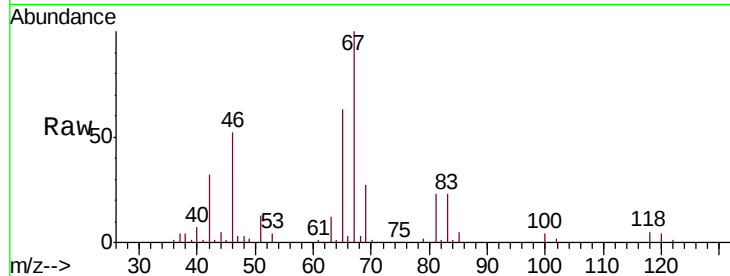
Tgt Ion: 83 Resp: 11346

Ion Ratio Lower Upper

83 100

55 0.4 61.0 91.4#

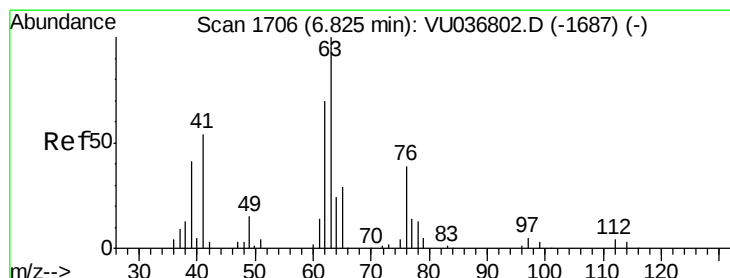
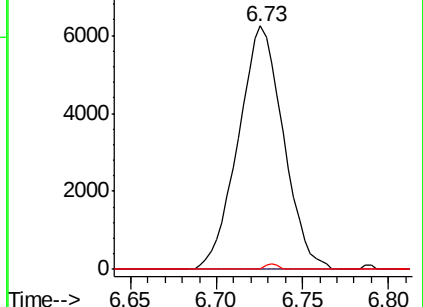
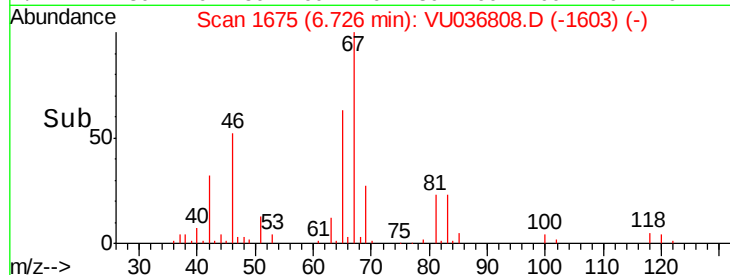
98 0.6 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036808.D (-1675) (-)

Ion 55.10 (54.80 to 55.80): VU036808.D (-1675) (-)

Ion 98.15 (97.85 to 98.85): VU036808.D (-1675) (-)



#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036808.D

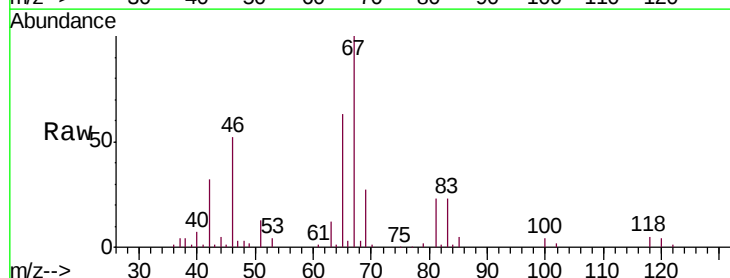
Acq: 17 Feb 2020 14:30

Tgt Ion: 63 Resp: 5817

Ion Ratio Lower Upper

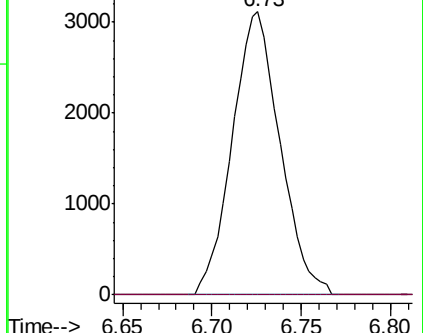
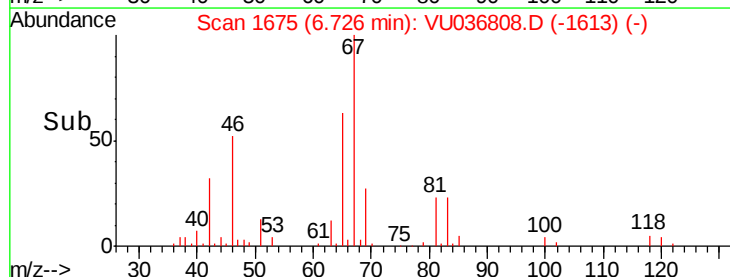
63 100

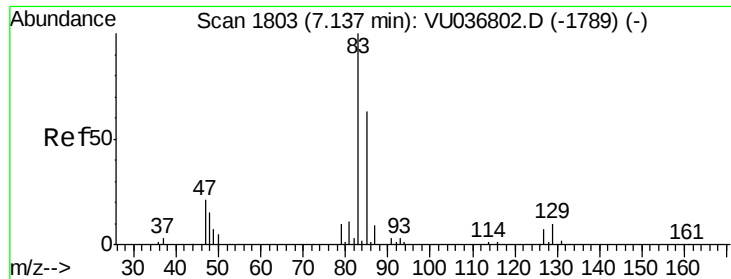
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036808.D (-1675) (-)

Ion 112.10 (111.80 to 112.80): VU036808.D (-1675) (-)





#38

Bromodichloromethane

Concen: 0.160 ug/L

RT: 7.17 min Scan# 1812

Delta R.T. 0.03 min

Lab File: VU036808.D

Acq: 17 Feb 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

C0AR0

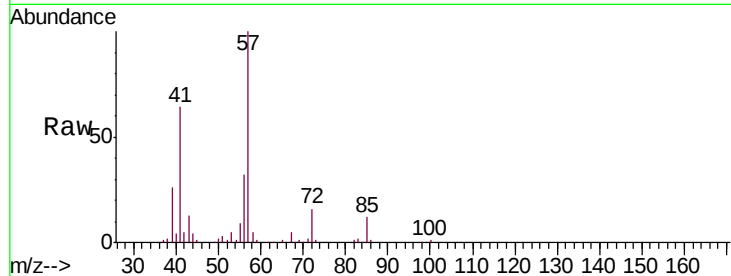
Tgt Ion: 83 Resp: 1778

Ion Ratio Lower Upper

83 100

85 742.4 43.0 80.0#

127 0.0 6.3 9.5#

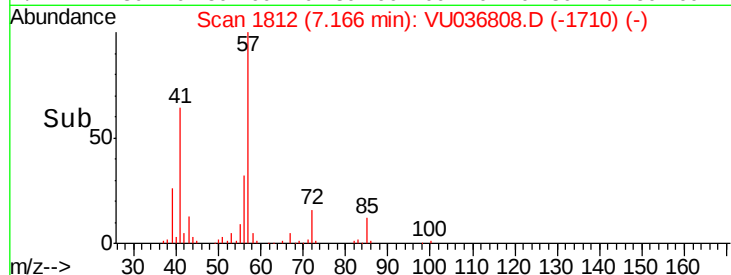


Abundance Ion 82.95 (82.65 to 83.65): VU036808.D (-1789) (-)

Ion 85.00 (84.70 to 85.70): VU036808.D (-1789) (-)

Ion 126.90 (126.60 to 127.60): VU036808.D (-1789) (-)

Time-->

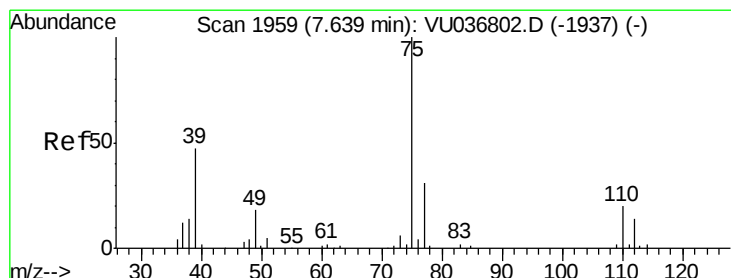


Abundance Ion 82.95 (82.65 to 83.65): VU036808.D (-1789) (-)

Ion 85.00 (84.70 to 85.70): VU036808.D (-1789) (-)

Ion 126.90 (126.60 to 127.60): VU036808.D (-1789) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036808.D

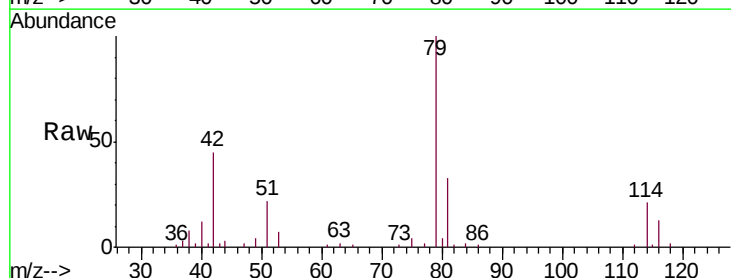
Acq: 17 Feb 2020 14:30

Tgt Ion: 75 Resp: 1337

Ion Ratio Lower Upper

75 100

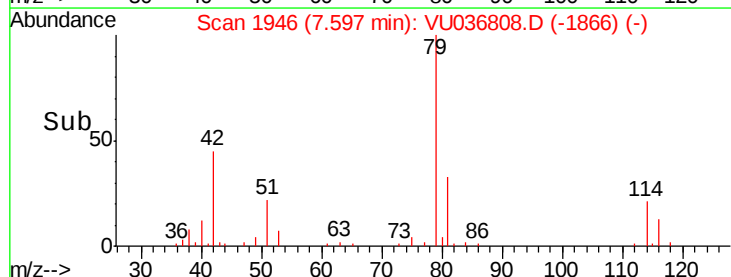
77 56.1 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036808.D (-1866) (-)

Ion 77.05 (76.75 to 77.75): VU036808.D (-1866) (-)

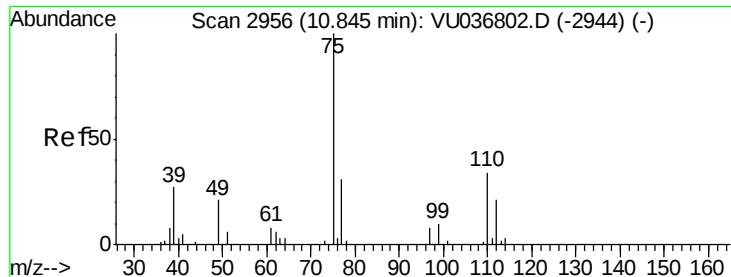
Time-->



Abundance Ion 75.05 (74.75 to 75.75): VU036808.D (-1866) (-)

Ion 77.05 (76.75 to 77.75): VU036808.D (-1866) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.005 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU036808.D

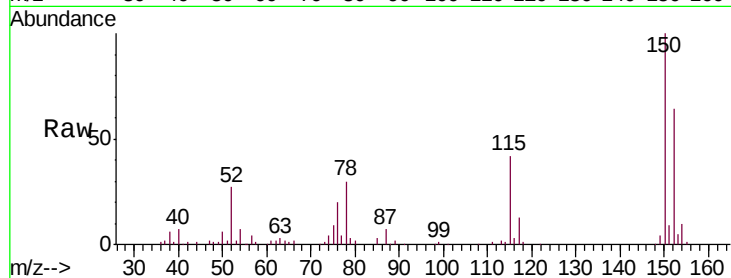
Acq: 17 Feb 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

C0AR0

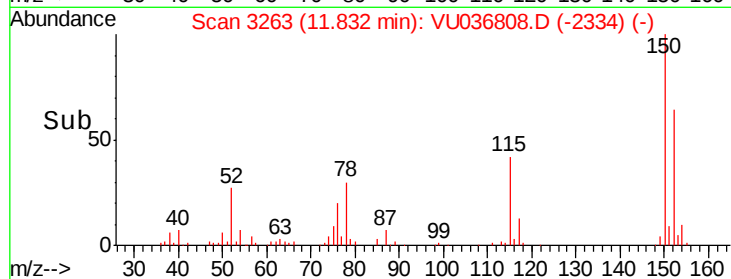


Tgt Ion: 75 Resp: 6175

Ion Ratio Lower Upper

75 100

77 39.8 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

