

Data File : VU036734.D
Acq On : 11 Feb 2020 20:50
Operator : JC/MD
Sample : K1414-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA8

Quant Time: Feb 12 08:17:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 12 08:13:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	124878	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	117115	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51967	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.93	69	45448	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.59	63	67118	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.69	46	120715	53.60	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.20%
24) Chloroform-d	5.11	84	80500	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	46834	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.77	84	178173	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.73	67	56916	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.93	98	160209	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.21	79	20363	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.67	63	100799	50.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.50%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41810	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	50860	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

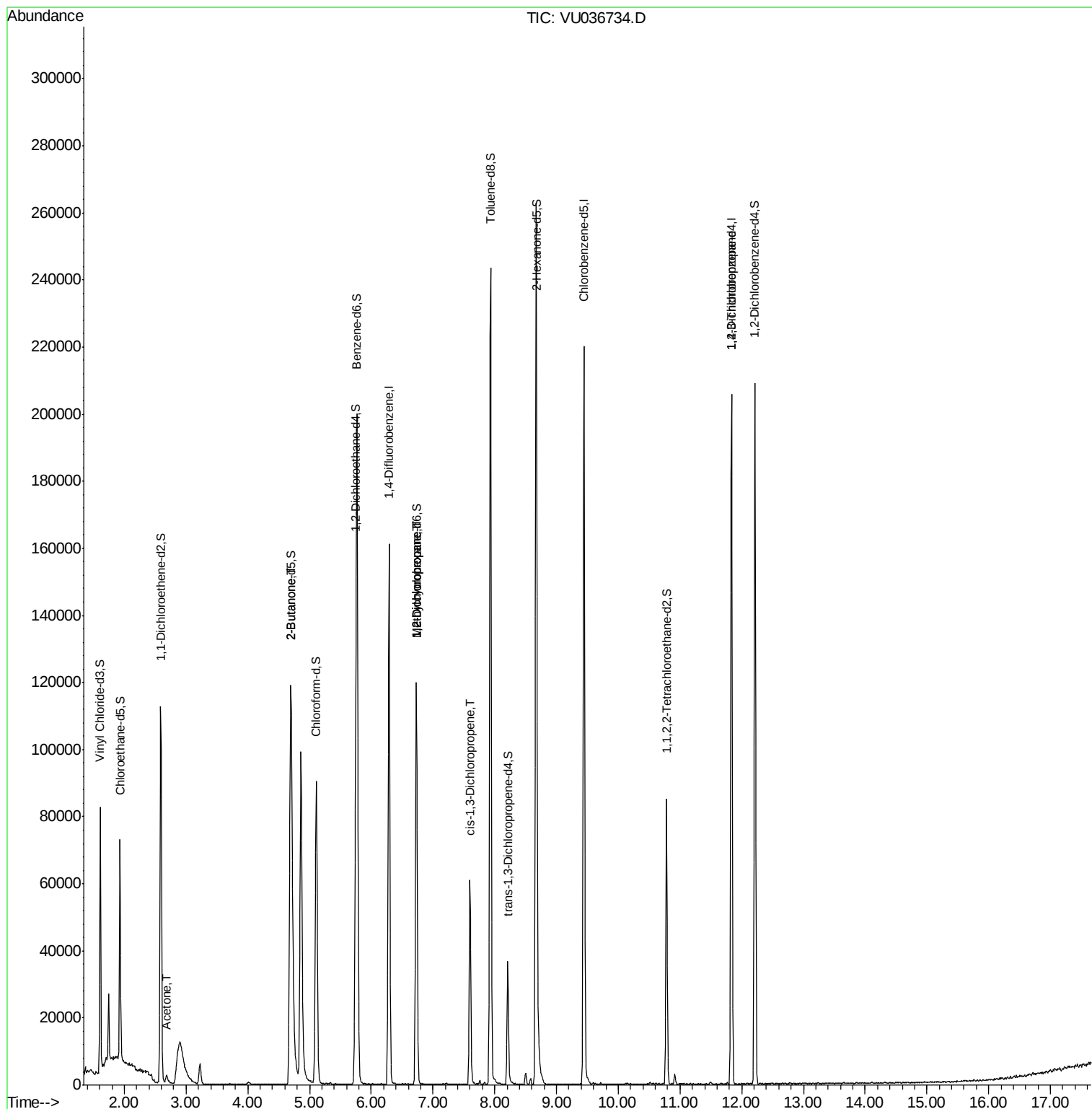
					Qvalue
13) Acetone	2.68	43	3982	1.383 ug/L	91
21) 2-Butanone	4.70	43	4346	1.297 ug/L #	61
35) Methylcyclohexane	6.73	83	12203	0.836 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	6058	0.614 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1390	0.097 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	8093	1.243 ug/L	95

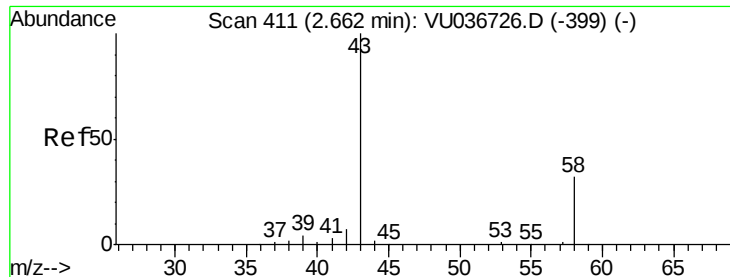
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.383 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

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Acq: 11 Feb 2020 20:50

Instrument :

MSVOA_U

ClientSampleId :

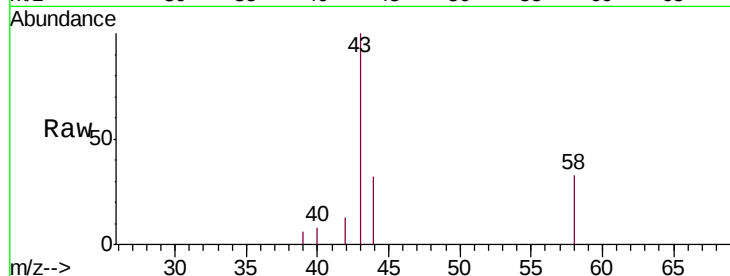
C0AA8

Tgt Ion: 43 Resp: 3982

Ion Ratio Lower Upper

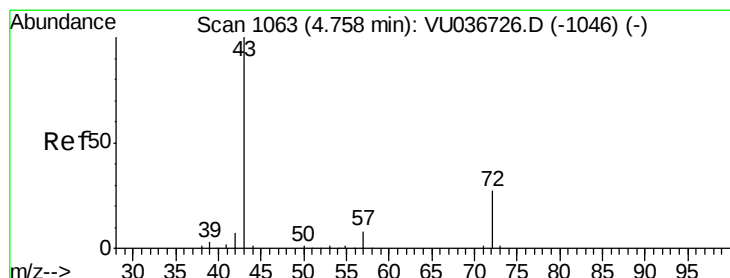
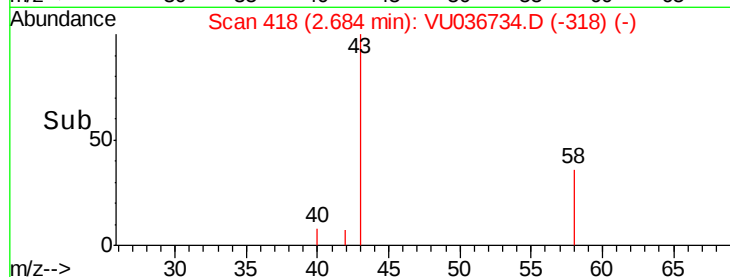
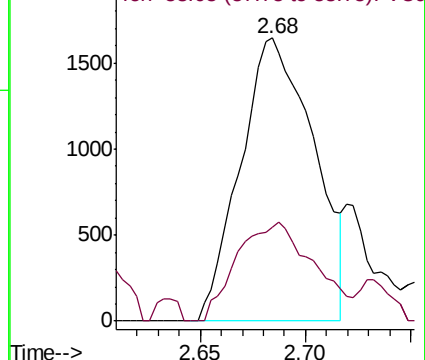
43 100

58 37.0 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036734.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VU036734.D (-318) (-)



#21

2-Butanone

Concen: 1.297 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.05 min

Lab File: VU036734.D

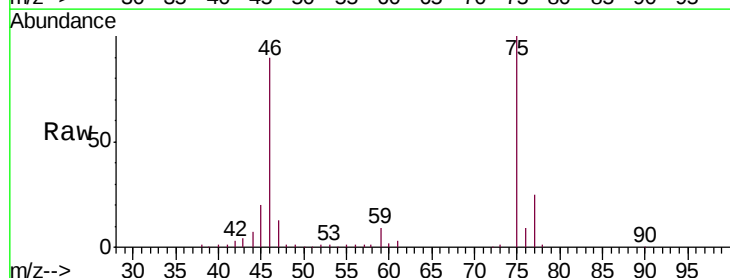
Acq: 11 Feb 2020 20:50

Tgt Ion: 43 Resp: 4346

Ion Ratio Lower Upper

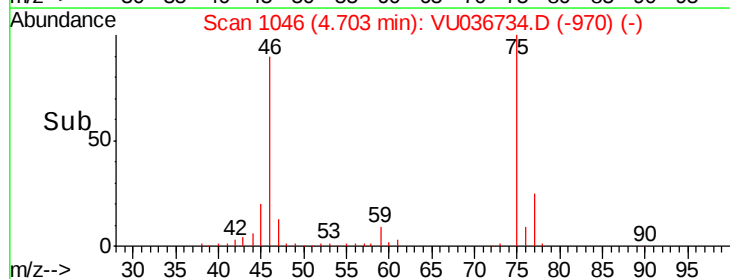
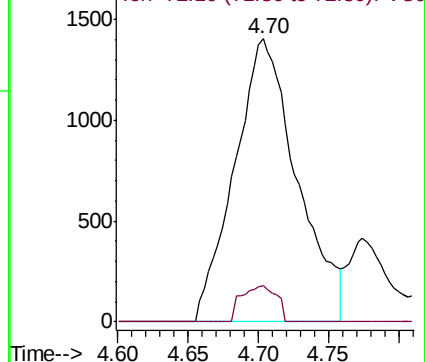
43 100

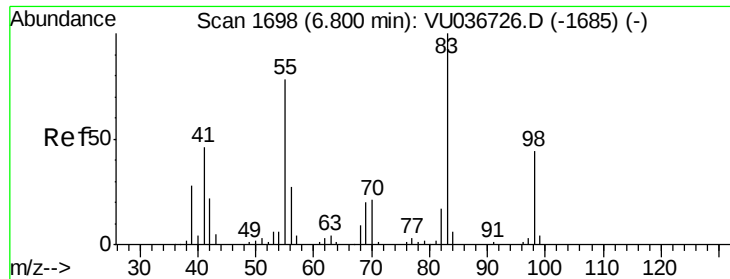
72 7.2 14.0 41.9#



Abundance Ion 43.05 (42.75 to 43.75): VU036734.D (-970) (-)

Ion 72.10 (71.80 to 72.80): VU036734.D (-970) (-)

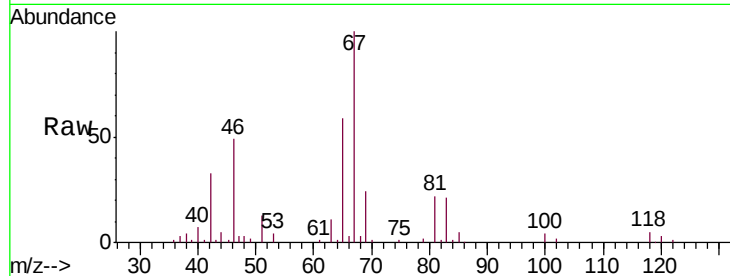




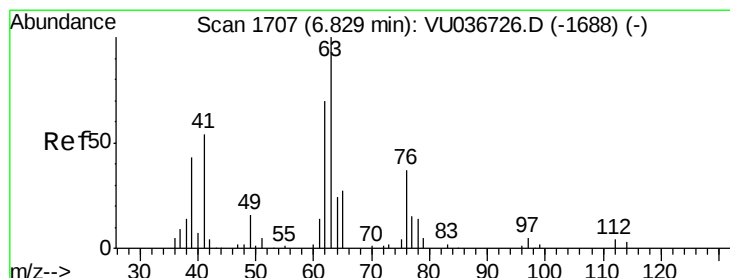
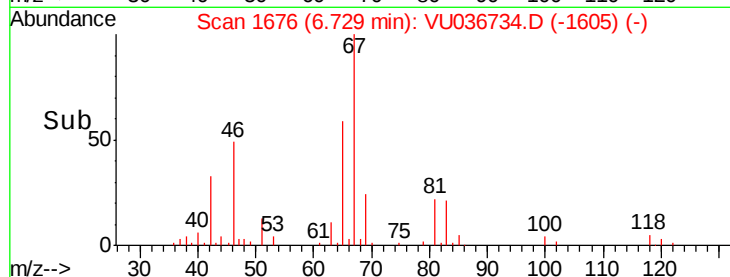
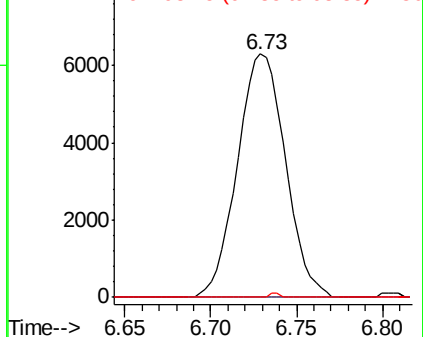
#35
Methylcyclohexane
Concen: 0.836 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036734.D
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C0AA8

Tgt Ion: 83 Resp: 12203
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.4 34.2 51.4#

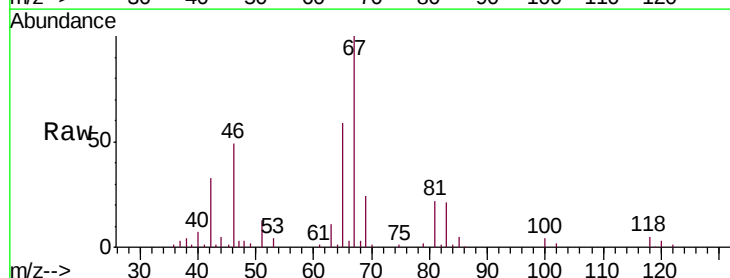


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

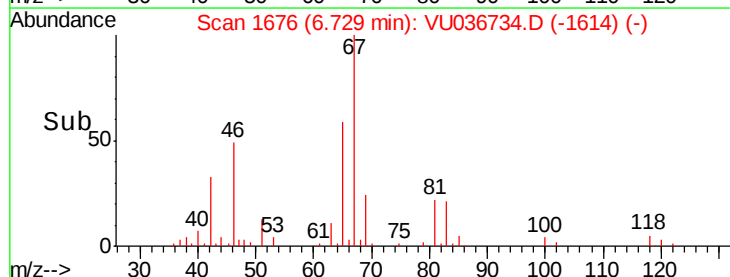
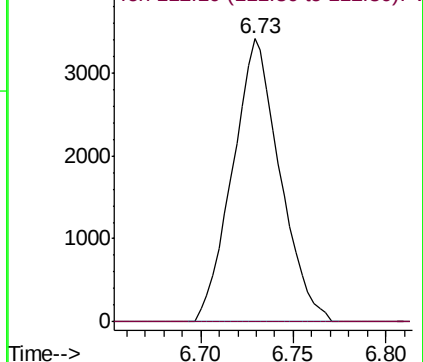


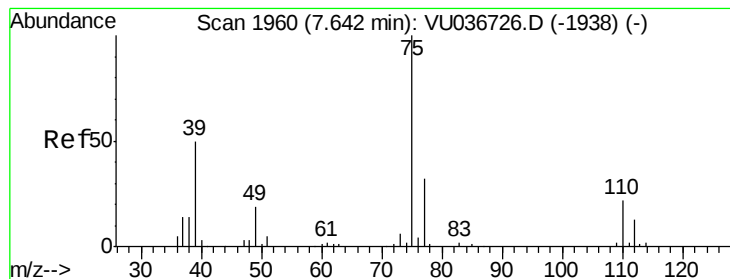
#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036734.D
Acq: 11 Feb 2020 20:50

Tgt Ion: 63 Resp: 6058
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





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036734.D

Acq: 11 Feb 2020 20:50

Instrument :

MSVOA_U

ClientSampleId :

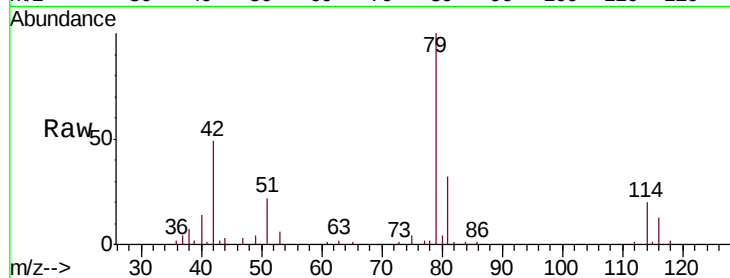
C0AA8

Tgt Ion: 75 Resp: 1390

Ion Ratio Lower Upper

75 100

77 51.2 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

800

600

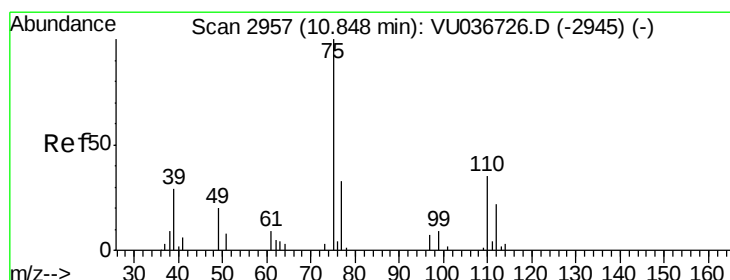
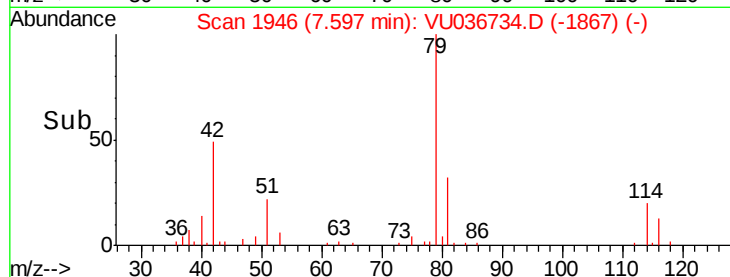
400

200

0

7.55 7.60 7.65

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.243 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036734.D

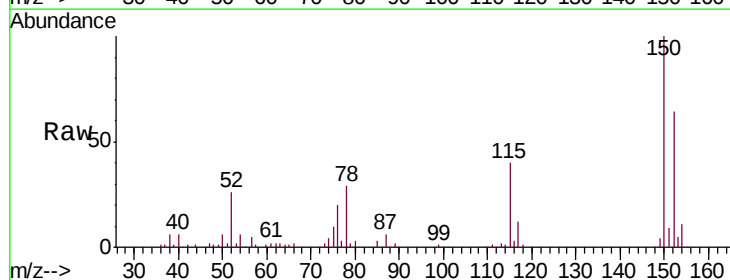
Acq: 11 Feb 2020 20:50

Tgt Ion: 75 Resp: 8093

Ion Ratio Lower Upper

75 100

77 34.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

5000

4000

3000

2000

1000

0

11.80 11.85 11.90

Time-->

