

Data File : VU036809.D
Acq On : 17 Feb 2020 14:55
Operator : JC/MD
Sample : L1537-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AR1

Quant Time: Feb 18 00:49:20 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	123884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	112617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	42505	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	40668	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.59	63	56269	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.67	46	115253	51.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	5.11	84	74804	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.74	65	44065	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.76	84	165779	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.73	67	55362	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.93	98	149816	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.21	79	18524	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.66	63	99301	51.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.96%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42069	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	45817	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

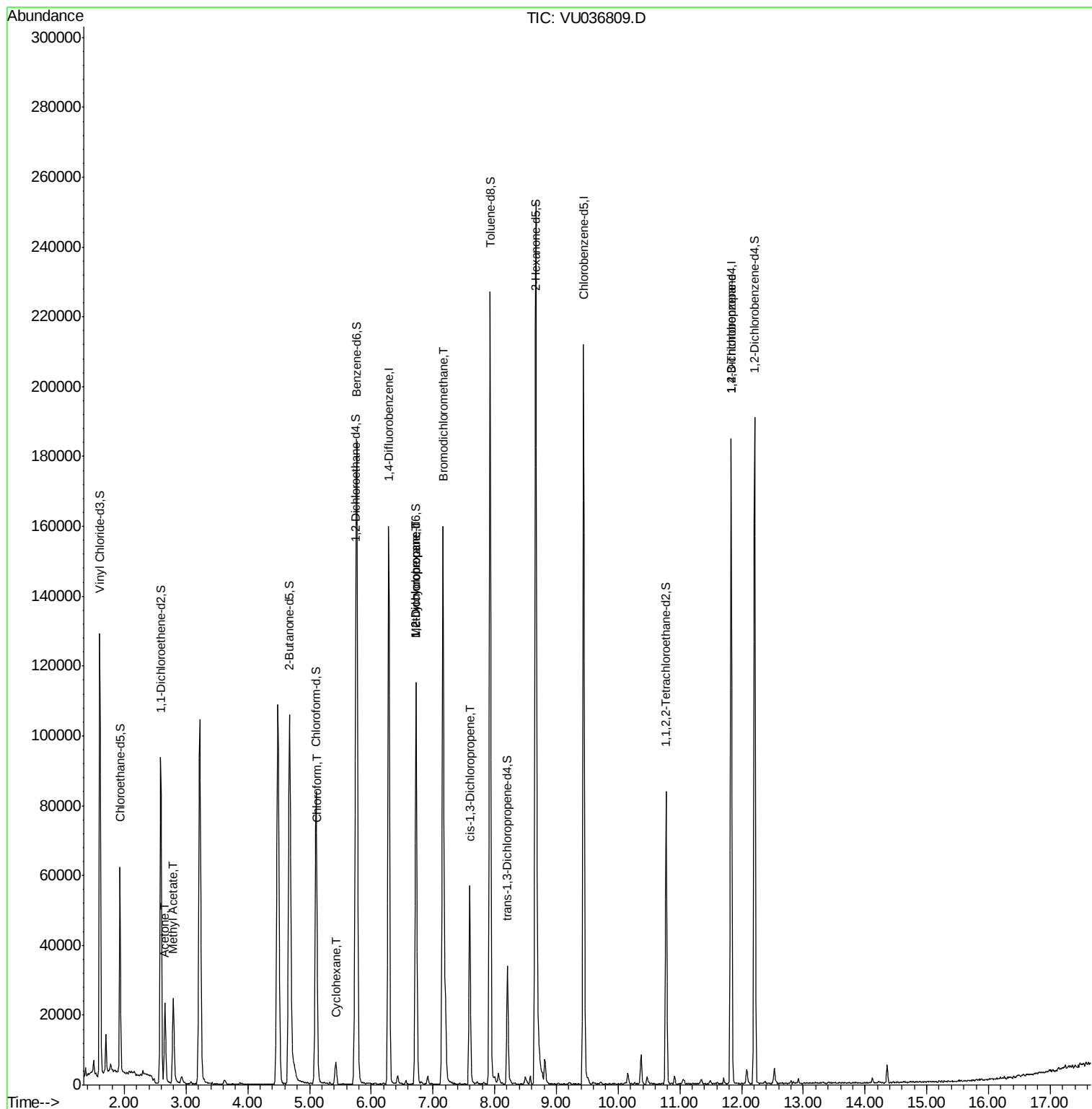
					Qvalue
13) Acetone	2.66	43	26031	9.112 ug/L	99
15) Methyl Acetate	2.79	43	6855	1.808 ug/L #	52
25) Chloroform	5.13	83	3102	0.178 ug/L	93
30) Cyclohexane	5.43	56	3143	0.239 ug/L	96
35) Methylcyclohexane	6.73	83	12070	0.860 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5784	0.610 ug/L #	89
38) Bromodichloromethane	7.16	83	1667	0.147 ug/L #	1
39) cis-1,3-Dichloropropene	7.60	75	1347	0.098 ug/L #	73
59) 1,2,3-Trichloropropane	11.83	75	6811	1.088 ug/L	93

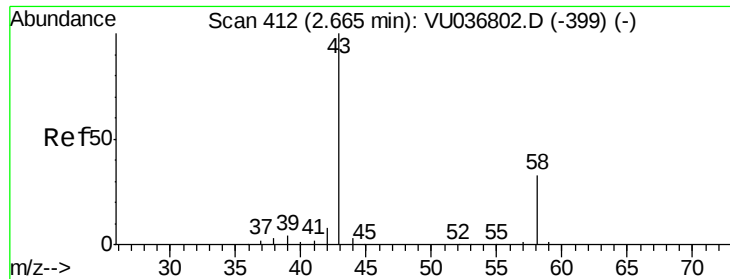
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.112 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036809.D

Acq: 17 Feb 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

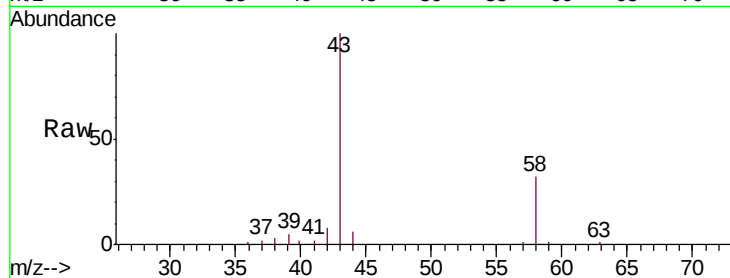
C0AR1

Tgt Ion: 43 Resp: 26031

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036802.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU036802.D (-399) (-)

2.66

15000

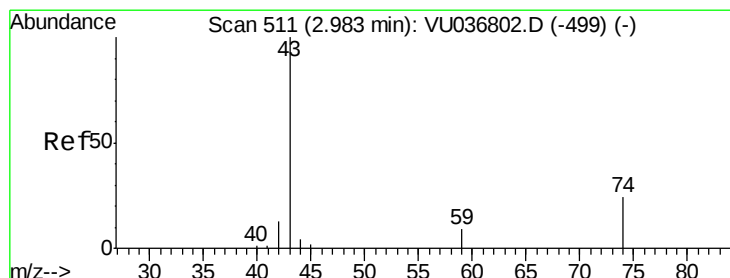
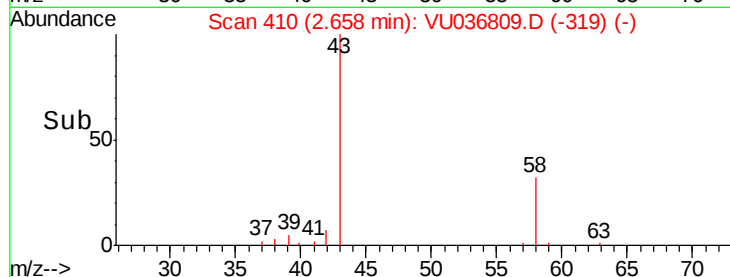
10000

5000

0

2.60 2.70 2.80

Time-->



#15

Methyl Acetate

Concen: 1.808 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU036809.D

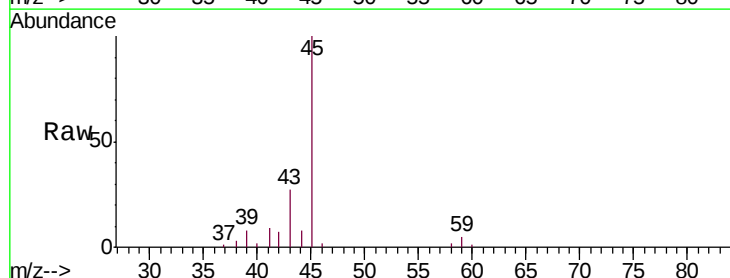
Acq: 17 Feb 2020 14:55

Tgt Ion: 43 Resp: 6855

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036802.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU036802.D (-499) (-)

2.79

4000

3000

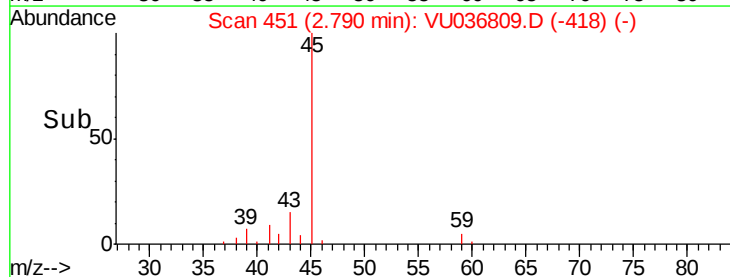
2000

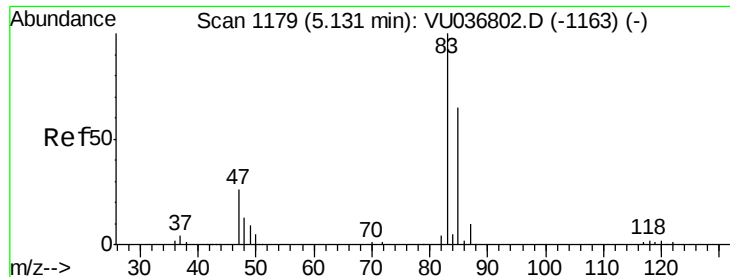
1000

0

2.75 2.80 2.85

Time-->

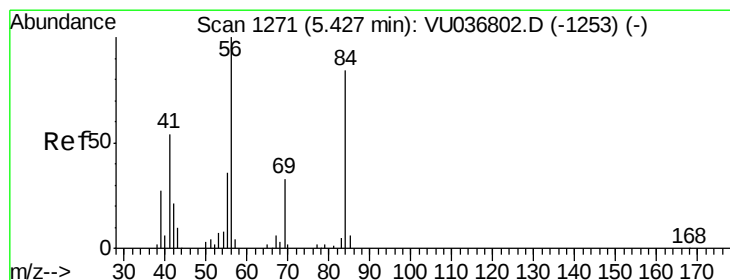
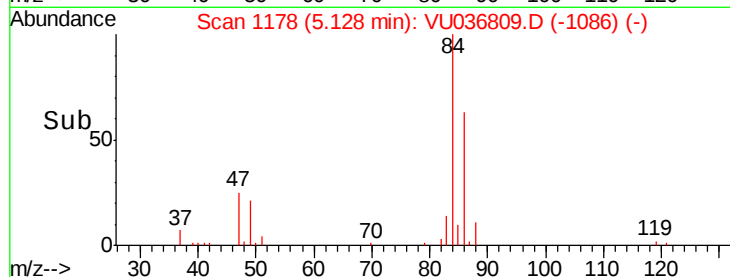
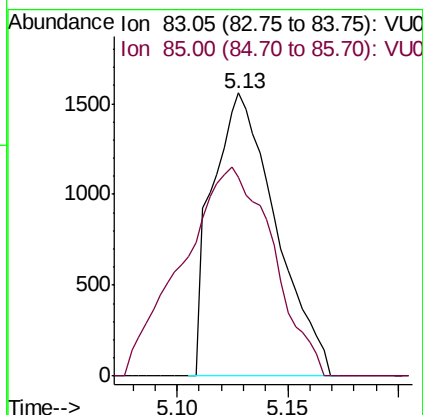
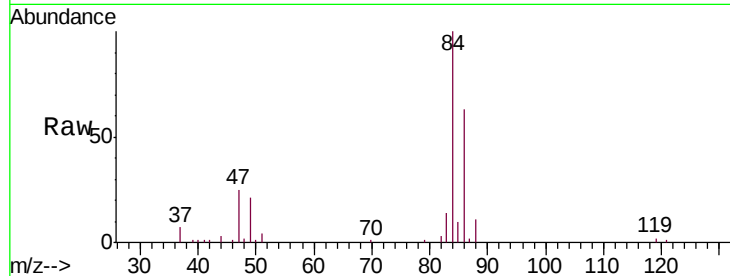




#25
Chloroform
Concen: 0.178 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU036809.D
Acq: 17 Feb 2020 14:55

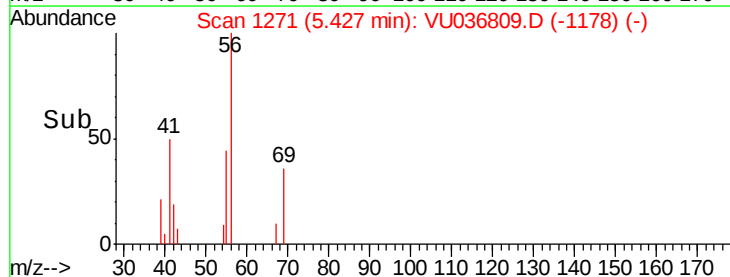
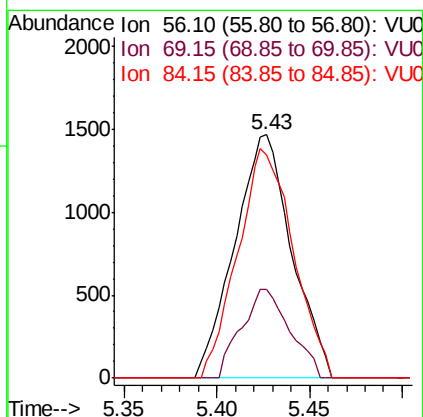
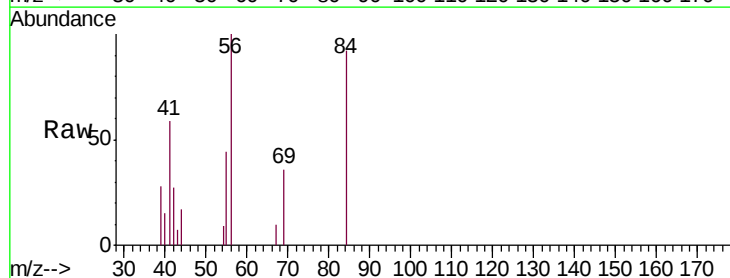
Instrument :
MSVOA_U
ClientSampleId :
C0AR1

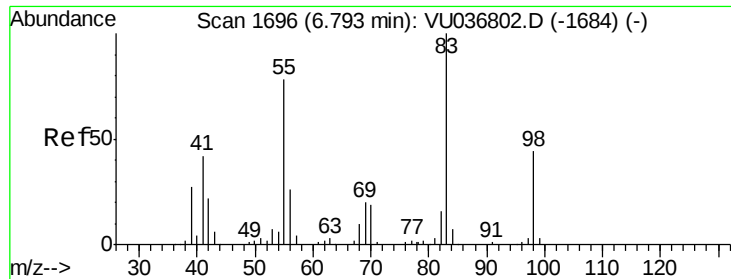
Tgt Ion: 83 Resp: 3102
Ion Ratio Lower Upper
83 100
85 70.2 45.4 84.2



#30
Cyclohexane
Concen: 0.239 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU036809.D
Acq: 17 Feb 2020 14:55

Tgt Ion: 56 Resp: 3143
Ion Ratio Lower Upper
56 100
69 31.0 24.6 37.0
84 91.9 70.0 105.0

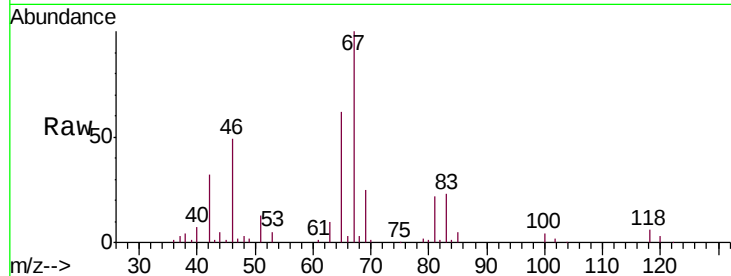




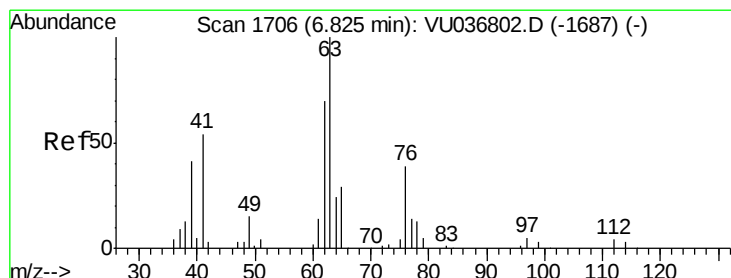
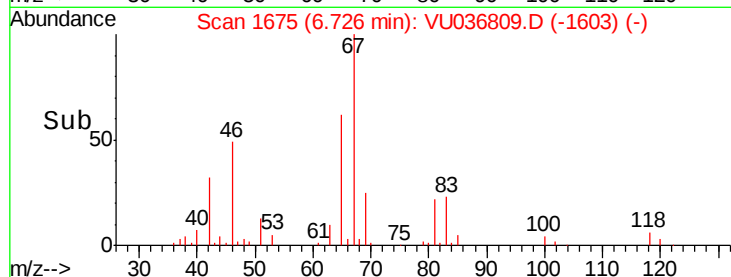
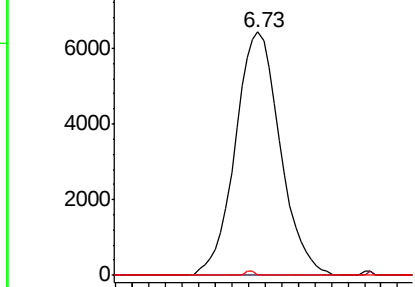
#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036809.D
Acq: 17 Feb 2020 14:55

Instrument :
MSVOA_U
ClientSampled :
C0AR1

Tgt Ion: 83 Resp: 12070
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.4#
98 0.4 34.2 51.4#

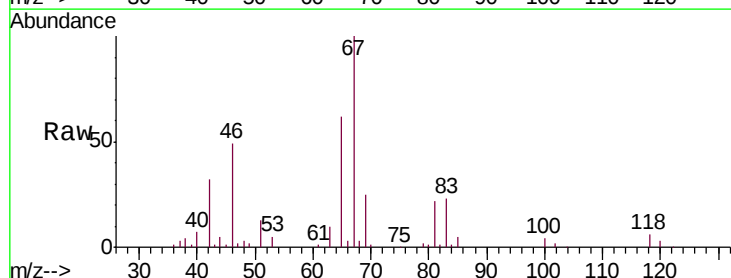


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

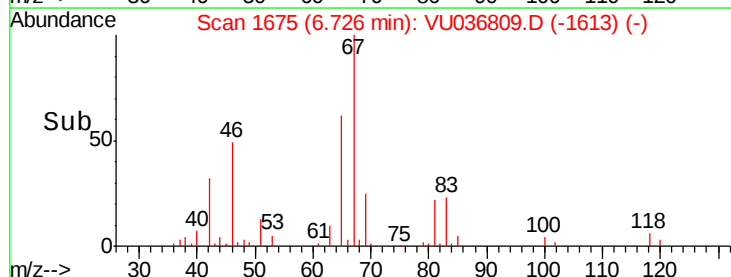
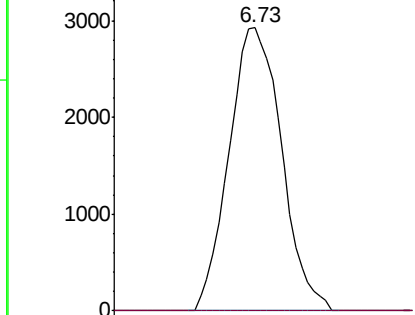


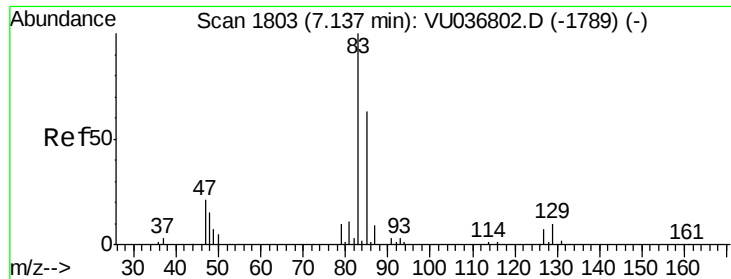
#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036809.D
Acq: 17 Feb 2020 14:55

Tgt Ion: 63 Resp: 5784
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: 0.147 ug/L

RT: 7.16 min Scan# 1810

Delta R.T. 0.02 min

Lab File: VU036809.D

Acq: 17 Feb 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

C0AR1

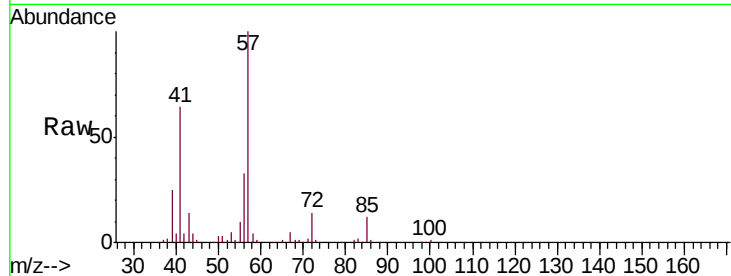
Tgt Ion: 83 Resp: 1667

Ion Ratio Lower Upper

83 100

85 736.4 43.0 80.0#

127 0.0 6.3 9.5#

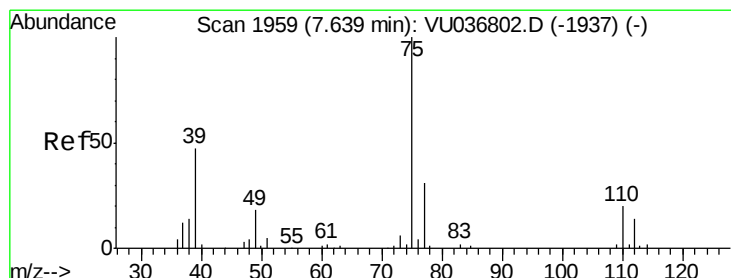
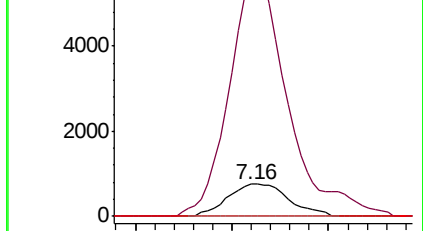
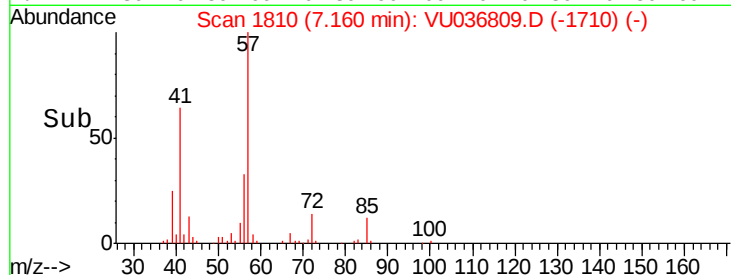


Abundance Ion 82.95 (82.65 to 83.65): VU036809.D (-1710) (-)

Ion 85.00 (84.70 to 85.70): VU036809.D (-1710) (-)

Ion 126.90 (126.60 to 127.60): VU036809.D (-1710) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036809.D

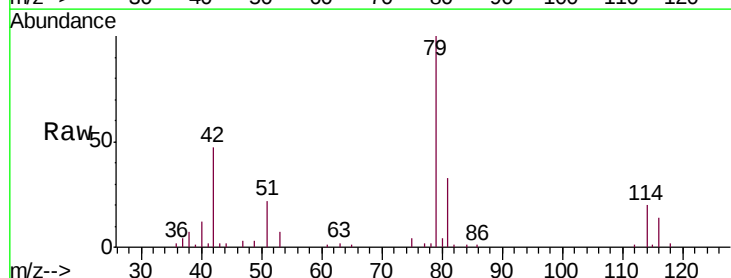
Acq: 17 Feb 2020 14:55

Tgt Ion: 75 Resp: 1347

Ion Ratio Lower Upper

75 100

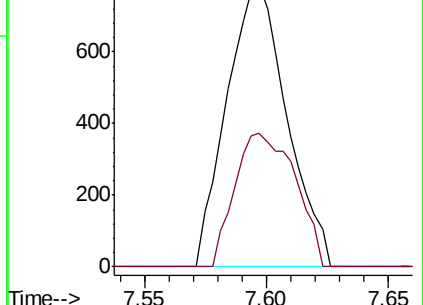
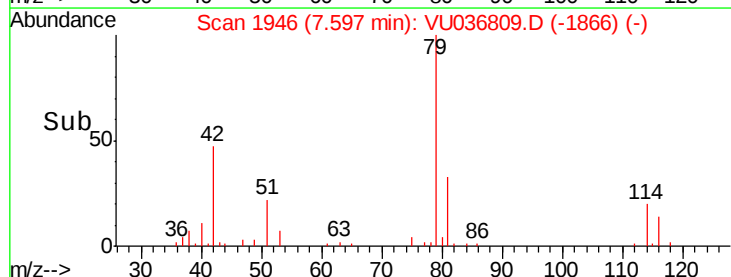
77 47.2 22.5 41.9#

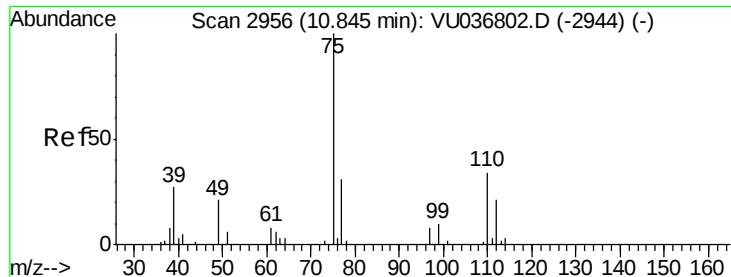


Abundance Ion 75.05 (74.75 to 75.75): VU036809.D (-1866) (-)

Ion 77.05 (76.75 to 77.75): VU036809.D (-1866) (-)

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.088 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036809.D

Acq: 17 Feb 2020 14:55

Instrument :

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ClientSampleId :

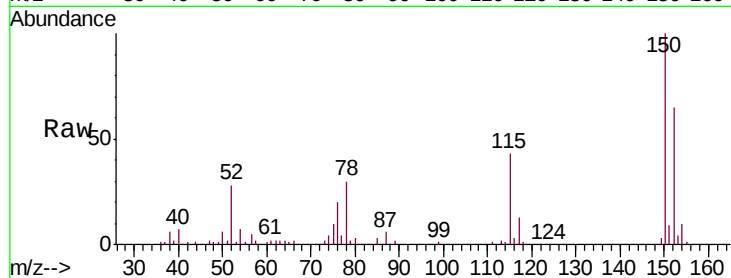
C0AR1

Tgt Ion: 75 Resp: 6811

Ion Ratio Lower Upper

75 100

77 36.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

