

Data File : VU036785.D
Acq On : 14 Feb 2020 14:34
Operator : JC/MD
Sample : L1537-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AQ1

Quant Time: Feb 14 23:42:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	126710	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	117919	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	42266	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.93	69	40646	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.59	63	58607	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.67	46	116366	50.92	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	5.11	84	76387	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.74	65	44244	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.76	84	164920	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.73	67	54172	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.93	98	149699	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.21	79	19290	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.66	63	100308	49.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40403	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	46494	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

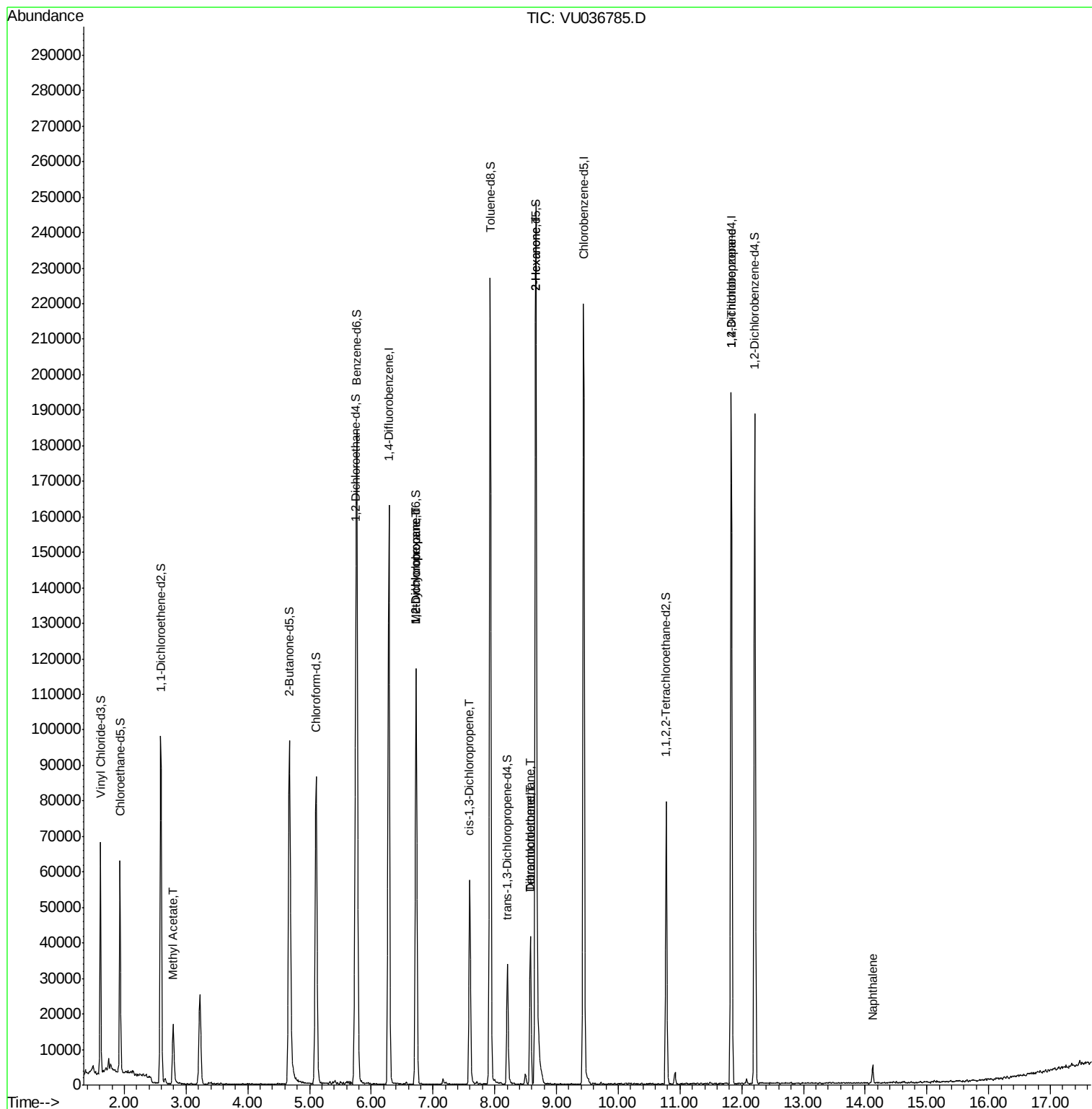
					Qvalue
15) Methyl Acetate	2.79	43	4815	1.242 ug/L #	52
35) Methylcyclohexane	6.73	83	11710	0.797 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5693	0.573 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1298	0.090 ug/L #	44
47) Tetrachloroethene	8.58	164	8313	1.319 ug/L	95
48) 2-Hexanone	8.66	43	10763	1.963 ug/L #	69
49) Dibromochloromethane	8.58	129	8552	1.197 ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	7525	1.148 ug/L	97
69) Naphthalene	14.12	128	4273	0.273 ug/L	95

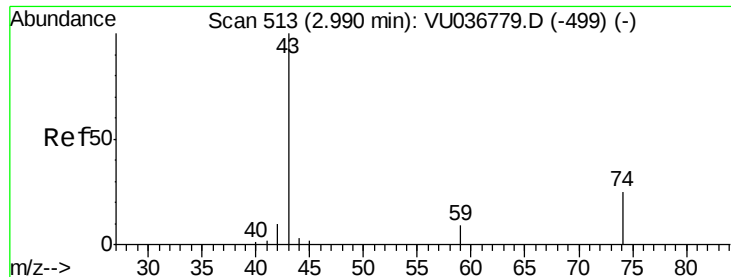
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 1.242 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.20 min

Lab File: VU036785.D

Acq: 14 Feb 2020 14:34

Instrument :

MSVOA_U

ClientSampled :

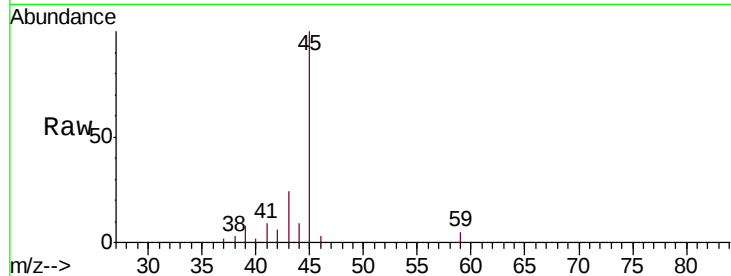
C0AQ1

Tgt Ion: 43 Resp: 4815

Ion Ratio Lower Upper

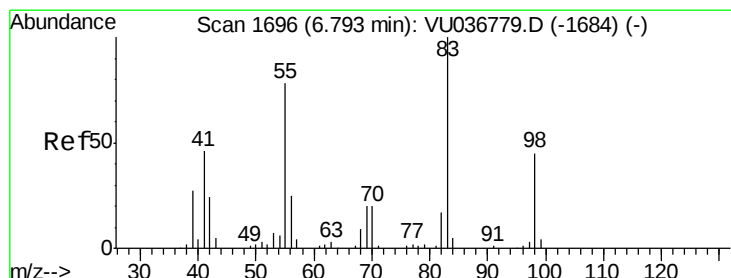
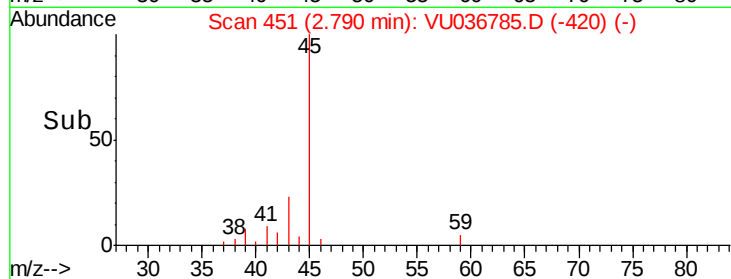
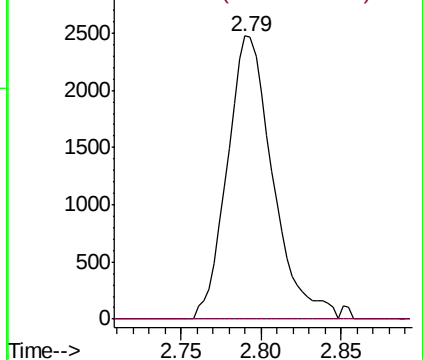
43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#35

Methylcyclohexane

Concen: 0.797 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036785.D

Acq: 14 Feb 2020 14:34

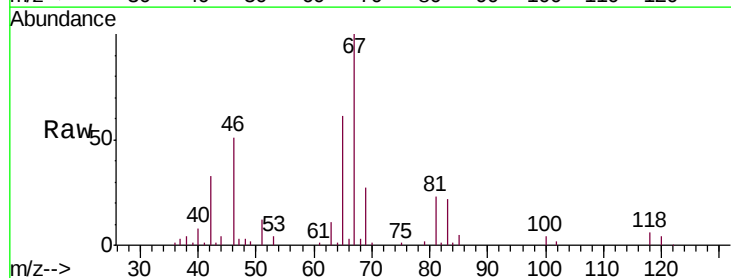
Tgt Ion: 83 Resp: 11710

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

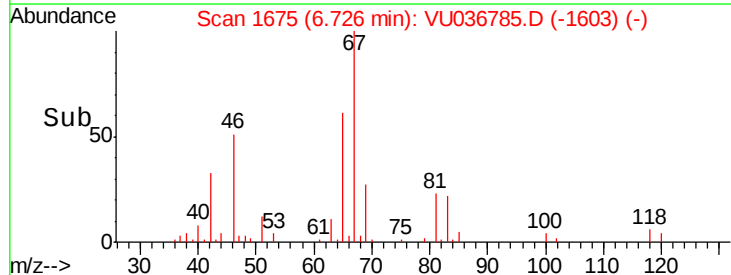
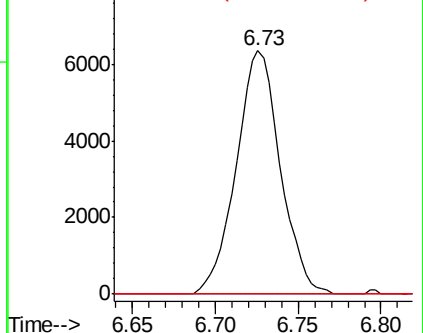
98 0.0 34.2 51.4#

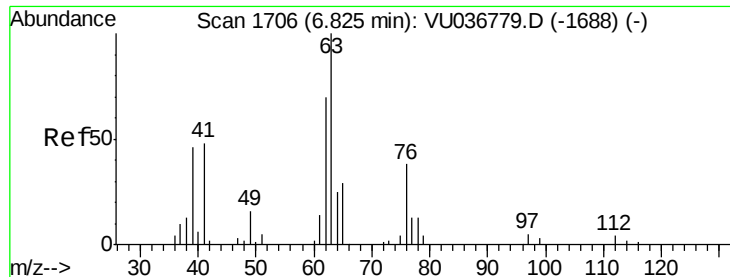


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

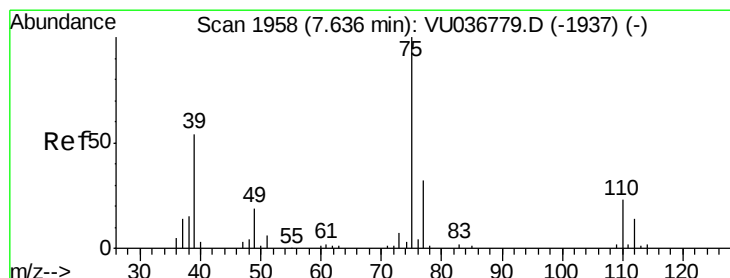
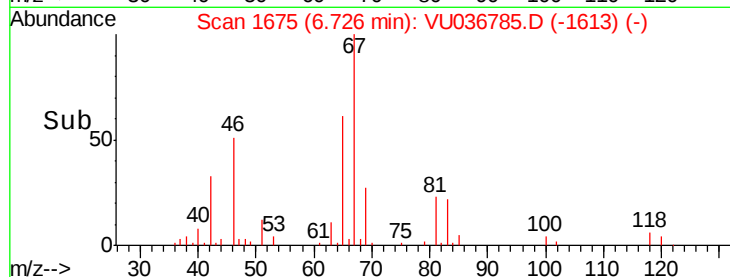
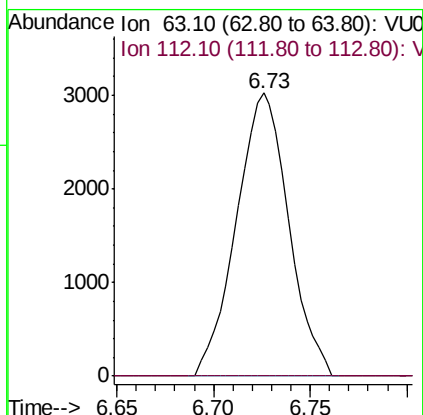
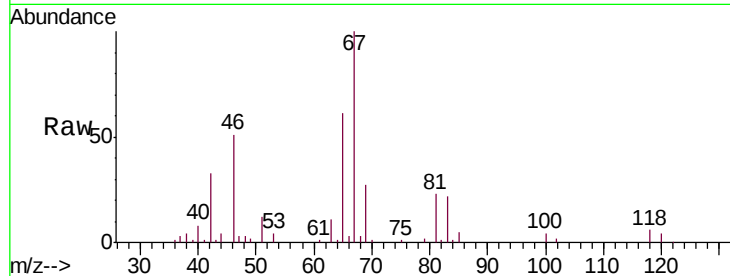




#37
 1,2-Dichloropropane
 Concen: 0.573 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036785.D
 Acq: 14 Feb 2020 14:34

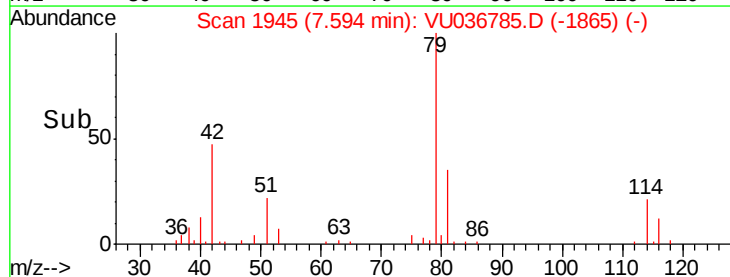
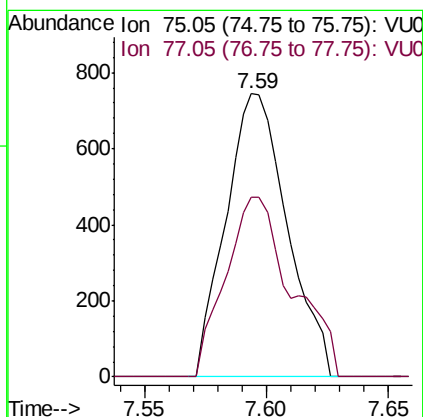
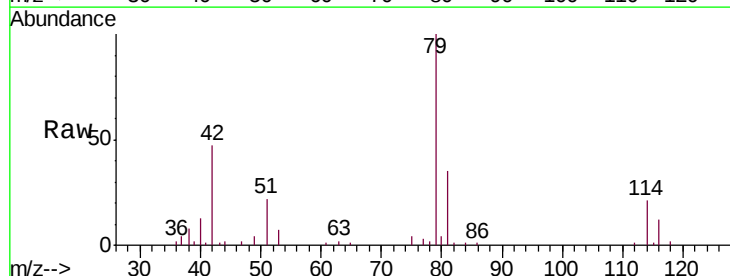
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ1

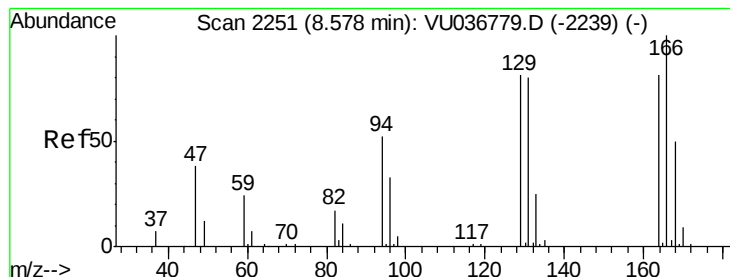
Tgt Ion: 63 Resp: 5693
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036785.D
 Acq: 14 Feb 2020 14:34

Tgt Ion: 75 Resp: 1298
 Ion Ratio Lower Upper
 75 100
 77 63.3 22.5 41.9#





#47

Tetrachloroethene

Concen: 1.319 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU036785.D

Acq: 14 Feb 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

C0AQ1

Tgt Ion:164 Resp: 8313

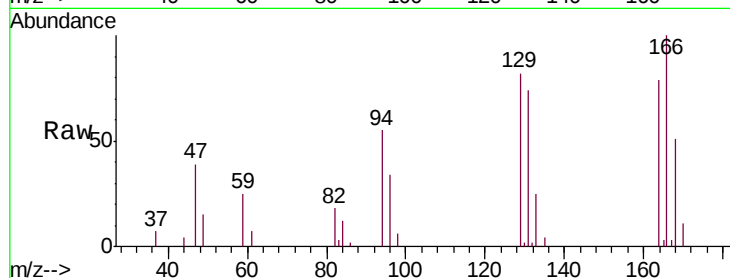
Ion Ratio Lower Upper

164 100

129 103.8 68.0 126.4

131 94.3 69.4 128.8

166 127.1 86.6 160.8

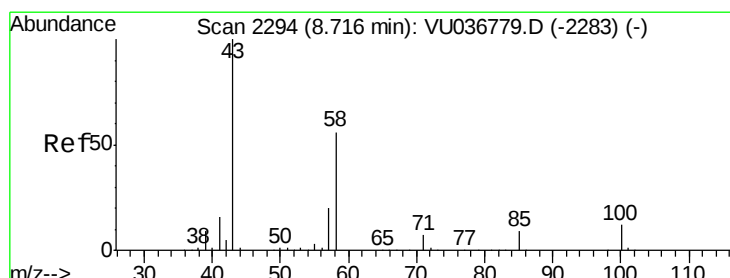
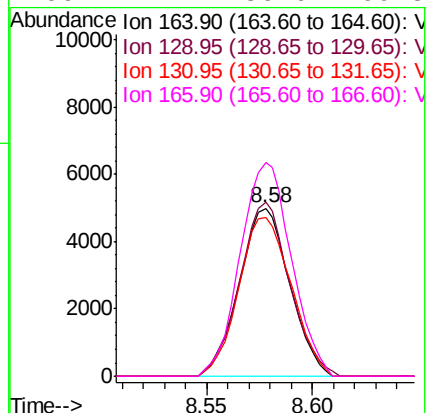
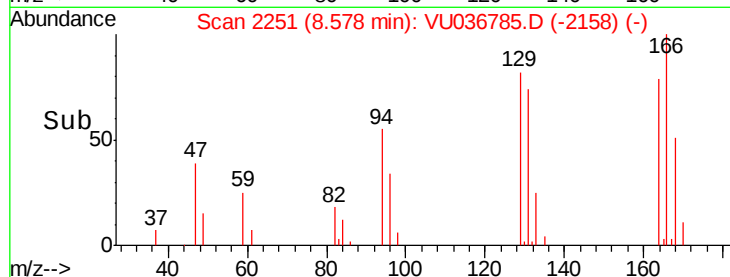


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.963 ug/L

RT: 8.66 min Scan# 2278

Delta R.T. -0.05 min

Lab File: VU036785.D

Acq: 14 Feb 2020 14:34

Tgt Ion: 43 Resp: 10763

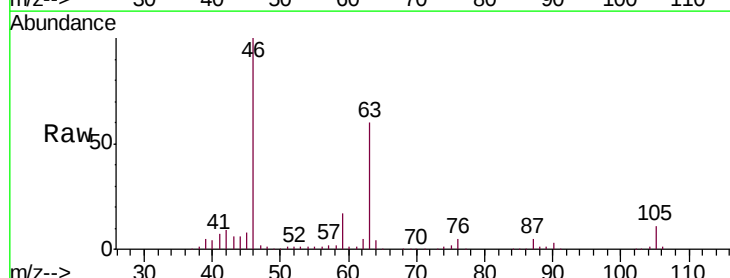
Ion Ratio Lower Upper

43 100

58 28.1 43.6 65.4#

57 25.0 15.0 22.4#

100 0.0 9.0 13.6#

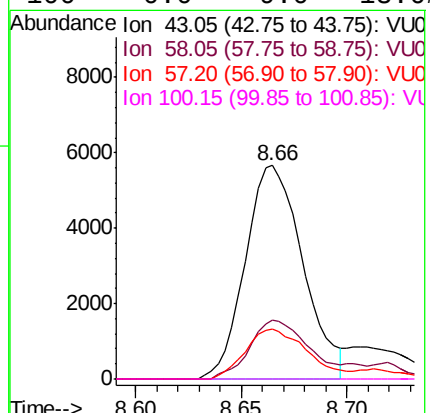
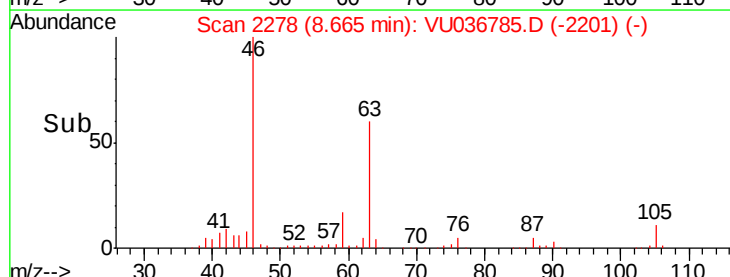


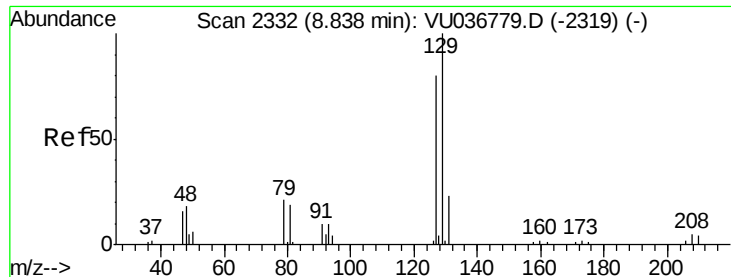
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 1.197 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.26 min

Lab File: VU036785.D

Acq: 14 Feb 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

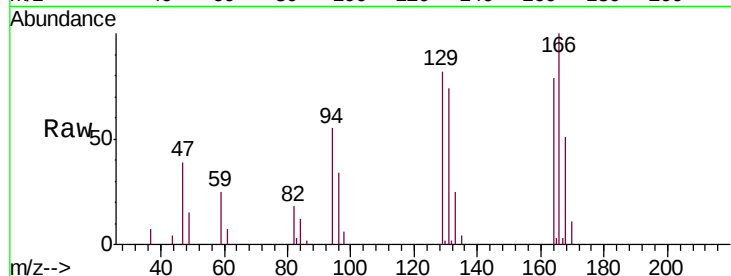
C0AQ1

Tgt Ion: 129 Resp: 8552

Ion Ratio Lower Upper

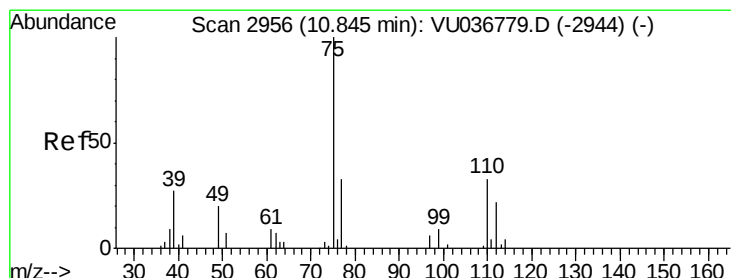
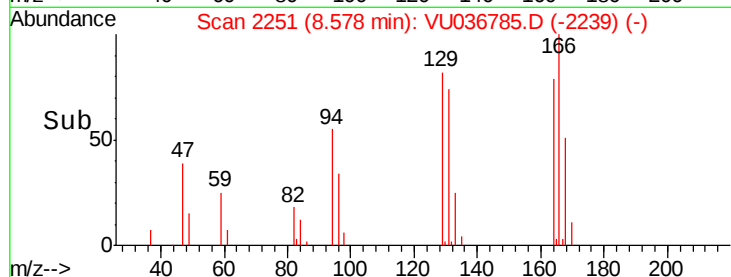
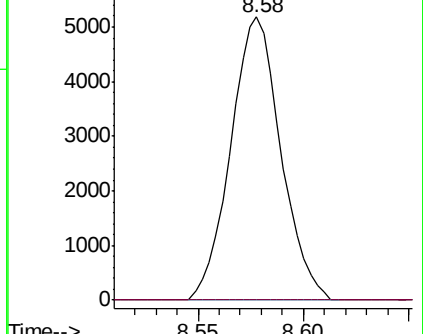
129 100

127 0.0 56.7 105.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.148 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU036785.D

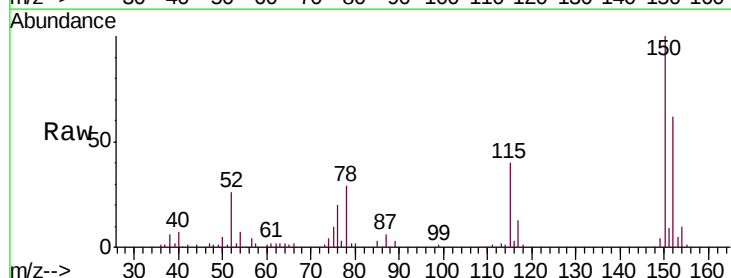
Acq: 14 Feb 2020 14:34

Tgt Ion: 75 Resp: 7525

Ion Ratio Lower Upper

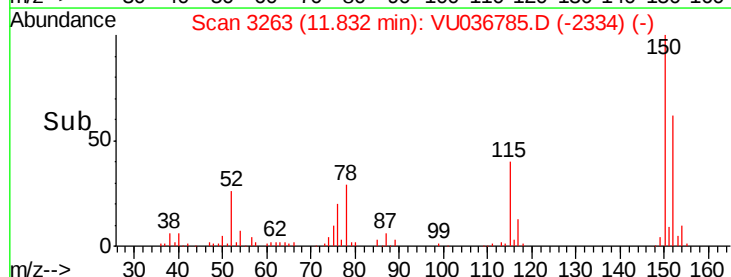
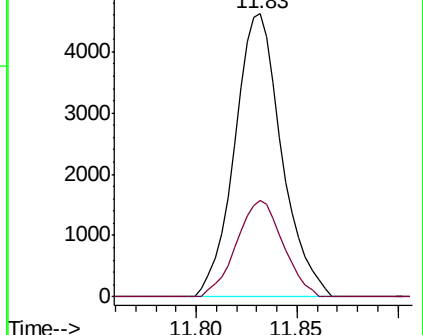
75 100

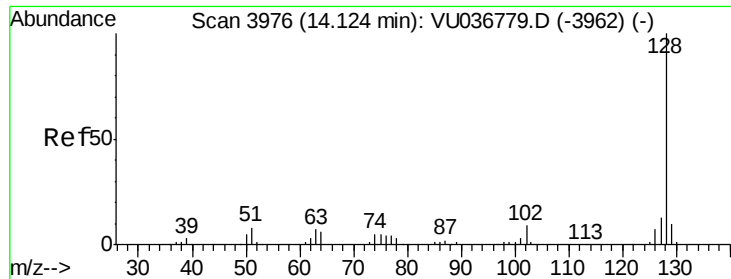
77 33.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 0.273 ug/L

RT: 14.12 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VU036785.D

Acq: 14 Feb 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

C0AQ1

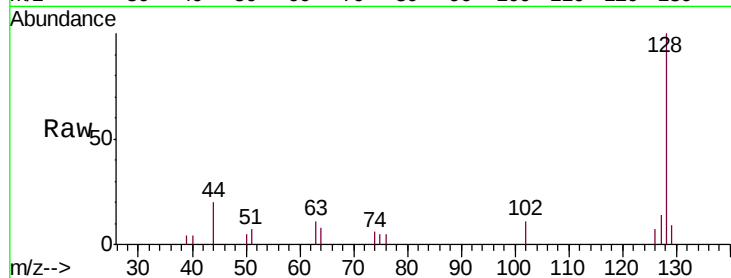
Tgt Ion:128 Resp: 4273

Ion Ratio Lower Upper

128 100

129 9.2 9.0 13.4

127 11.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

