

Data File : VU036783.D
Acq On : 14 Feb 2020 13:44
Operator : JC/MD
Sample : L1537-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AR0

Quant Time: Feb 14 23:42:29 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	130174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	121173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51401	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44280	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.93	69	42051	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.59	63	62353	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.67	46	124422	53.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.00%
24) Chloroform-d	5.11	84	79600	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.74	65	46390	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.77	84	174433	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.73	67	56116	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.93	98	157035	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.21	79	19946	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.66	63	103621	49.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42979	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	49224	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

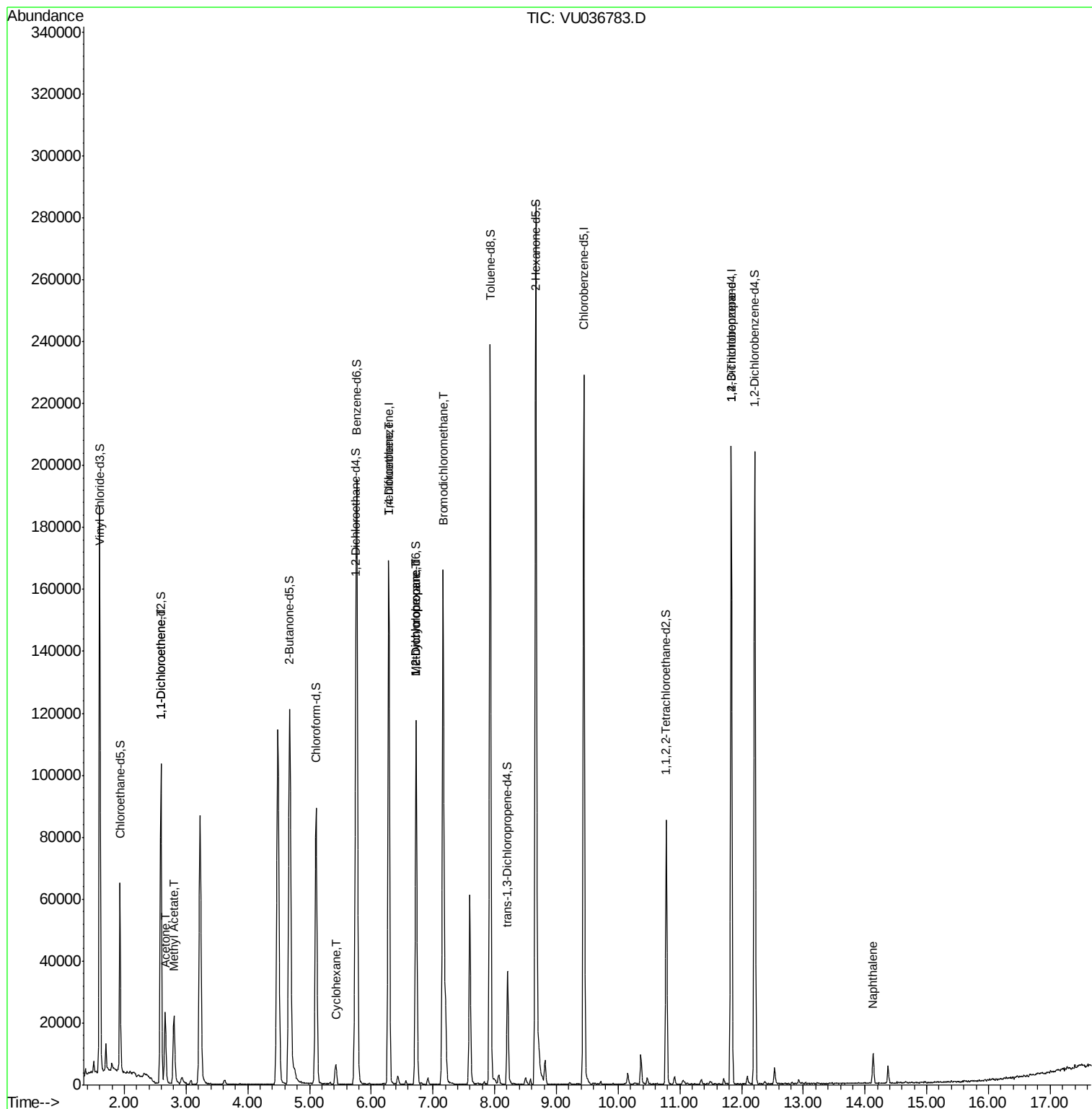
					Qvalue
12) 1,1-Dichloroethene	2.60	96	479	0.060 ug/L #	1
13) Acetone	2.66	43	26927	8.970 ug/L	100
15) Methyl Acetate	2.80	43	6143	1.542 ug/L #	52
30) Cyclohexane	5.42	56	3297	0.233 ug/L	95
34) Trichloroethene	6.29	95	2017	0.212 ug/L #	8
35) Methylcyclohexane	6.73	83	11636	0.770 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	6209	0.608 ug/L #	89
38) Bromodichloromethane	7.17	83	1553	0.128 ug/L #	1
59) 1,2,3-Trichloropropane	11.83	75	7736	1.148 ug/L	91
69) Naphthalene	14.13	128	8337	0.489 ug/L	97

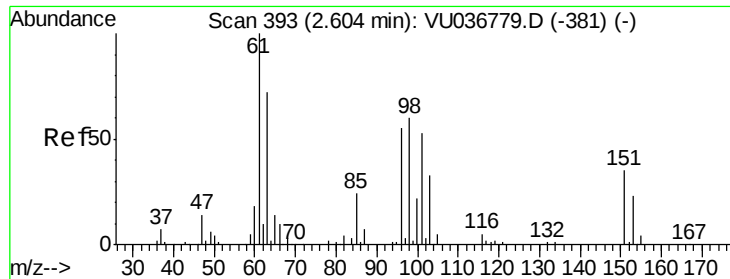
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036783.D

Acq: 14 Feb 2020 13:44

Instrument :

MSVOA_U

ClientSampleID :

C0AR0

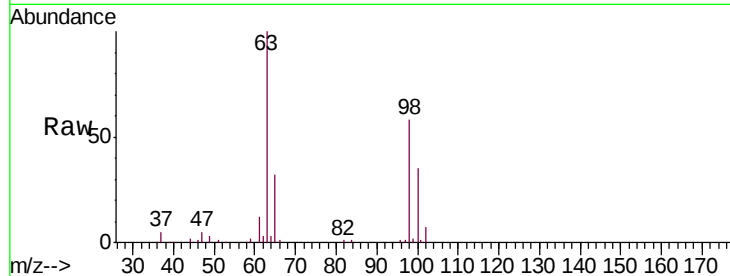
Tgt Ion: 96 Resp: 479

Ion Ratio Lower Upper

96 100

61 1249.4 126.4 234.8#

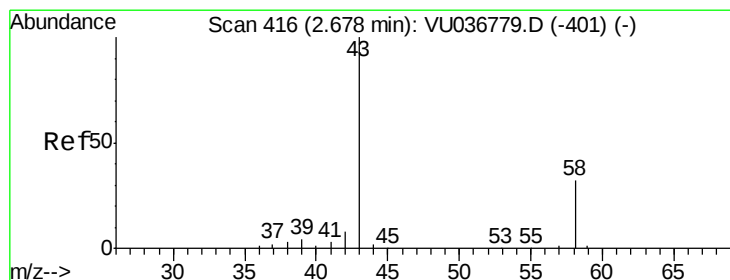
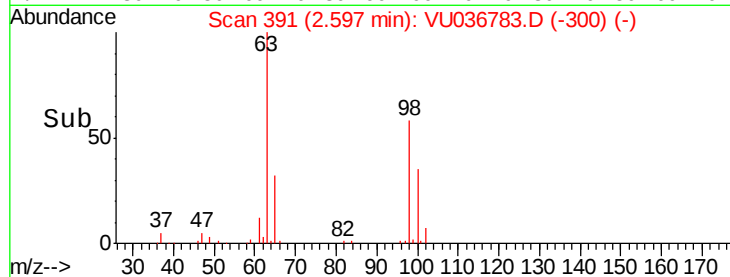
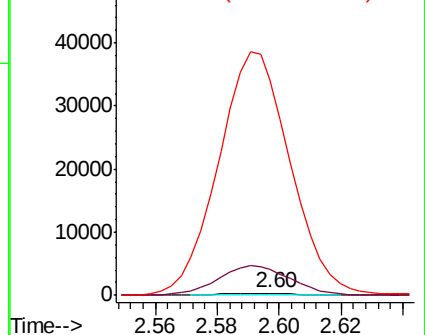
63 10356.4 89.5 166.3#



Abundance Ion 96.00 (95.70 to 96.70): VU036783.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU036783.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU036783.D (-300) (-)



#13

Acetone

Concen: 8.970 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036783.D

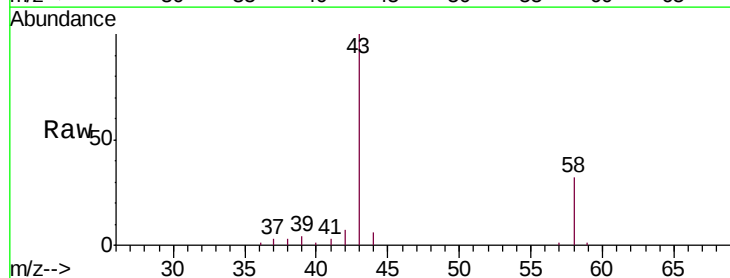
Acq: 14 Feb 2020 13:44

Tgt Ion: 43 Resp: 26927

Ion Ratio Lower Upper

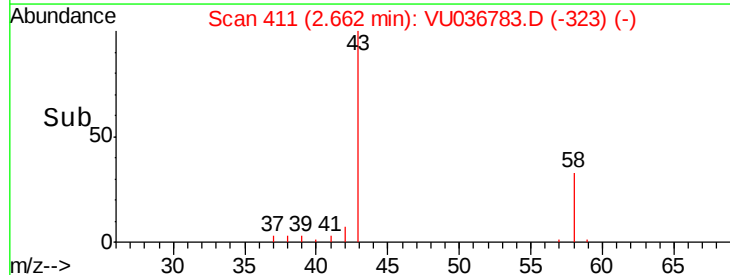
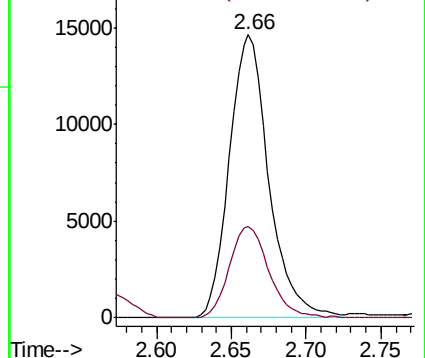
43 100

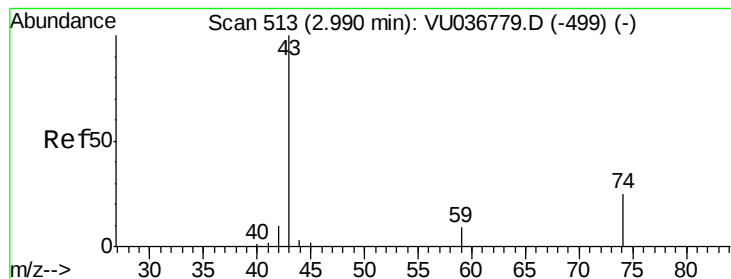
58 32.3 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036783.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU036783.D (-323) (-)





#15

Methyl Acetate

Concen: 1.542 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.19 min

Lab File: VU036783.D

Acq: 14 Feb 2020 13:44

Instrument :

MSVOA_U

ClientSampleId :

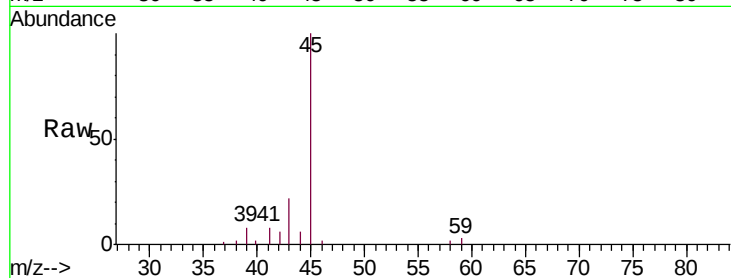
C0AR0

Tgt Ion: 43 Resp: 6143

Ion Ratio Lower Upper

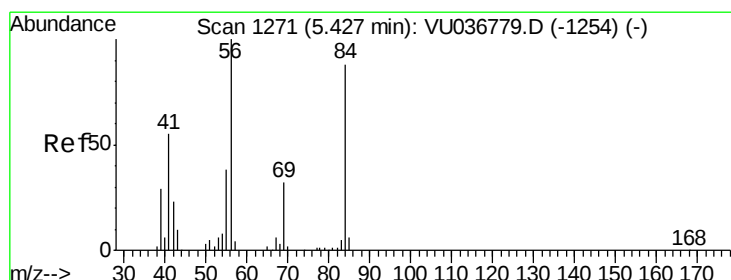
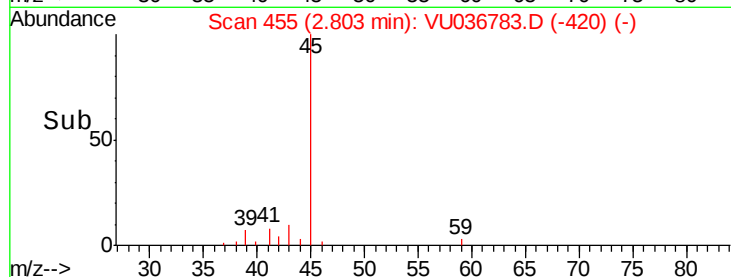
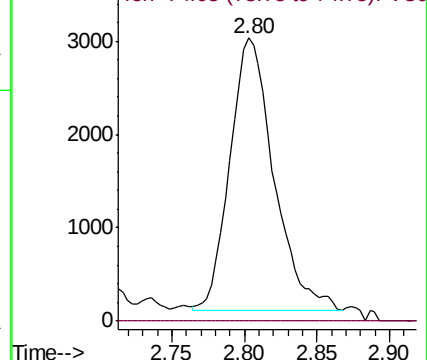
43 100

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



#30

Cyclohexane

Concen: 0.233 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU036783.D

Acq: 14 Feb 2020 13:44

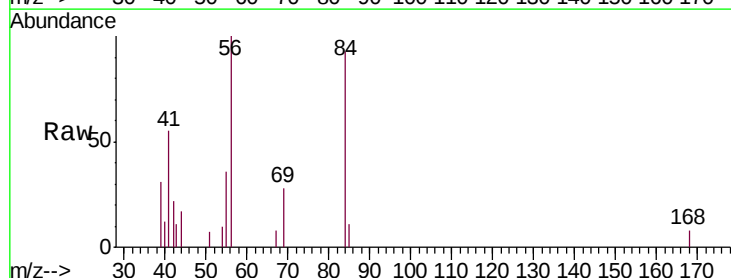
Tgt Ion: 56 Resp: 3297

Ion Ratio Lower Upper

56 100

69 28.4 24.6 37.0

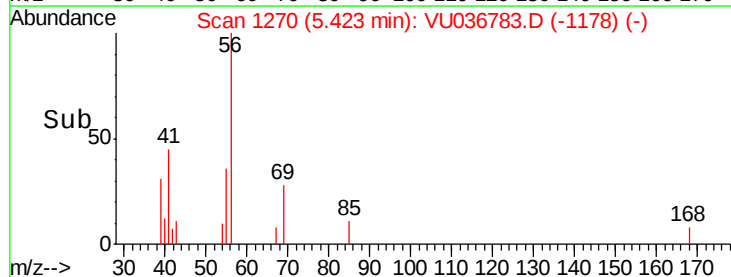
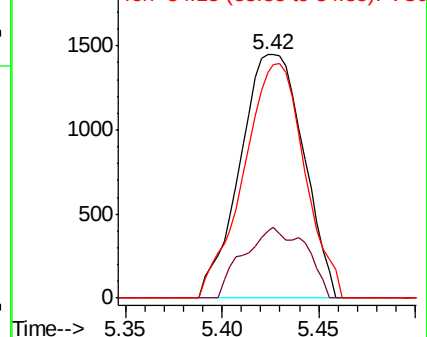
84 92.6 70.0 105.0

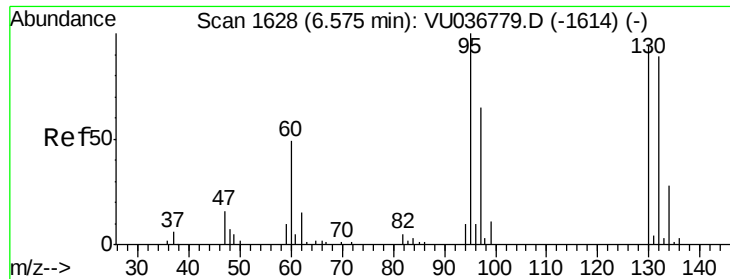


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

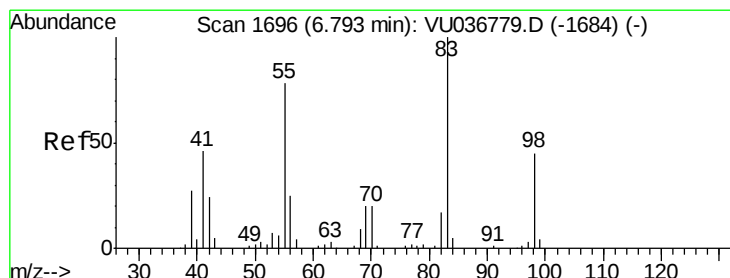
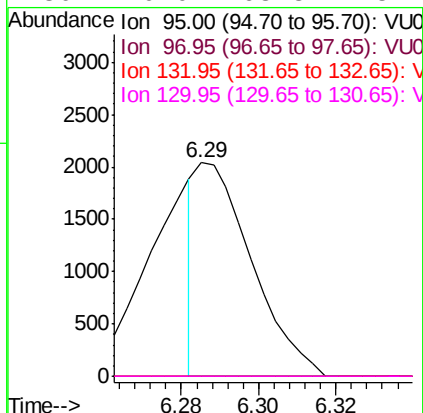
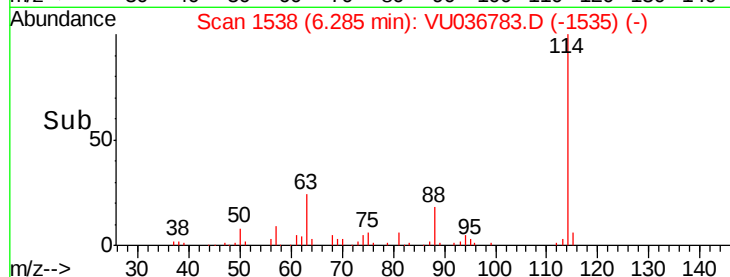
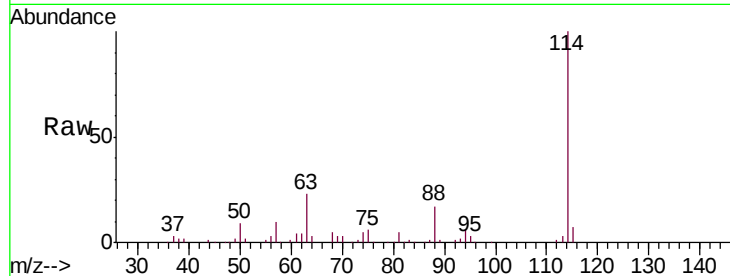




#34
 Trichloroethene
 Concen: 0.212 ug/L
 RT: 6.29 min Scan# 1538
 Delta R.T. -0.29 min
 Lab File: VU036783.D
 Acq: 14 Feb 2020 13:44

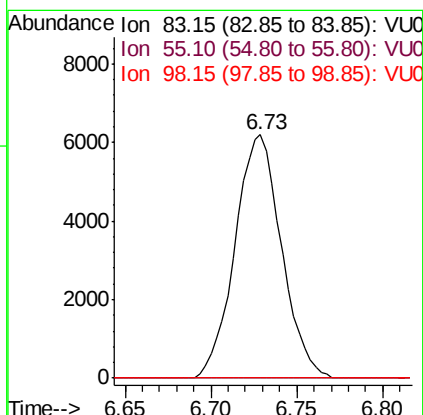
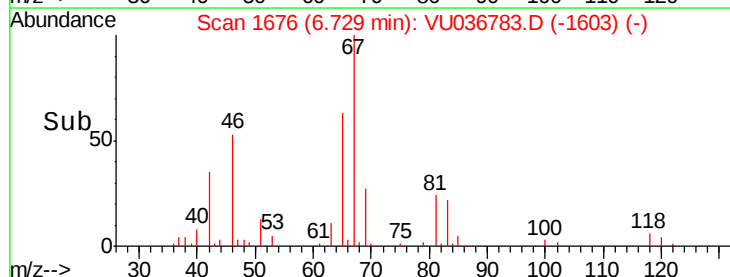
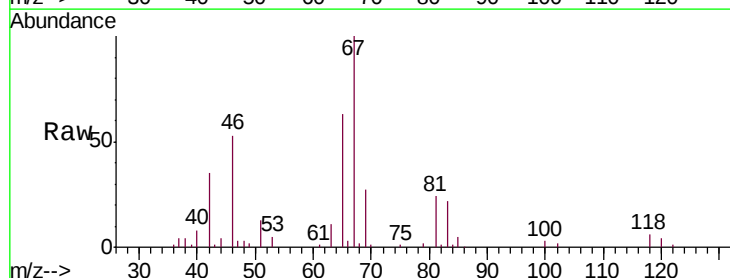
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR0

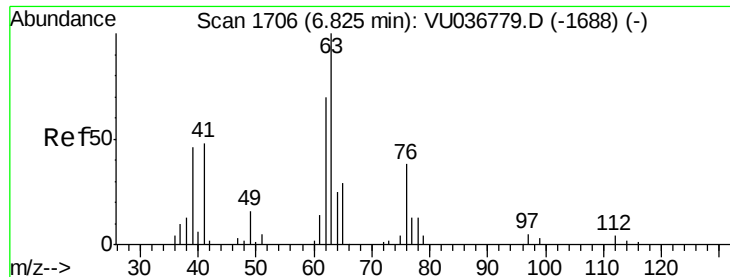
Tgt Ion: 95 Resp: 2017
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.6 84.8#
 132 0.0 62.8 116.6#
 130 0.0 63.8 118.4#



#35
 Methylcyclohexane
 Concen: 0.770 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.06 min
 Lab File: VU036783.D
 Acq: 14 Feb 2020 13:44

Tgt Ion: 83 Resp: 11636
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.0 91.4#
 98 0.6 34.2 51.4#

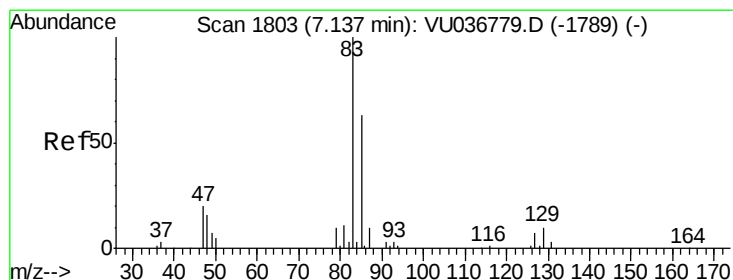
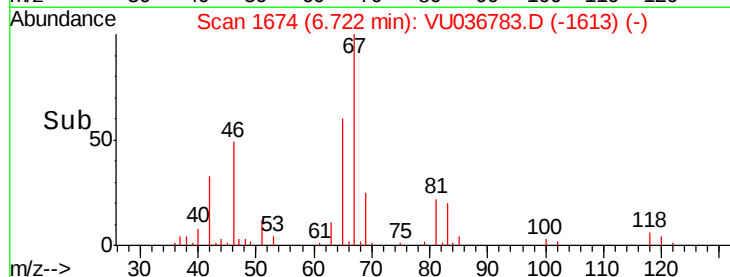
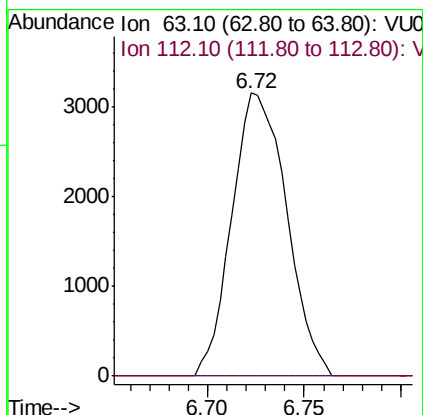
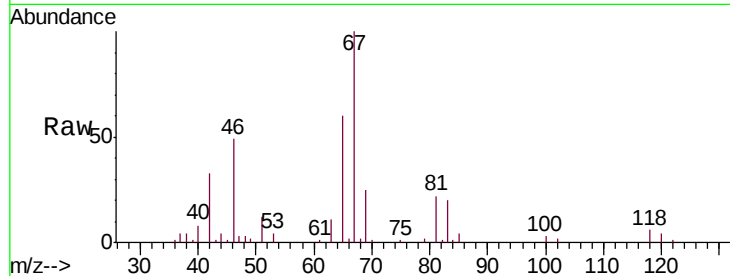




#37
 1,2-Dichloropropane
 Concen: 0.608 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036783.D
 Acq: 14 Feb 2020 13:44

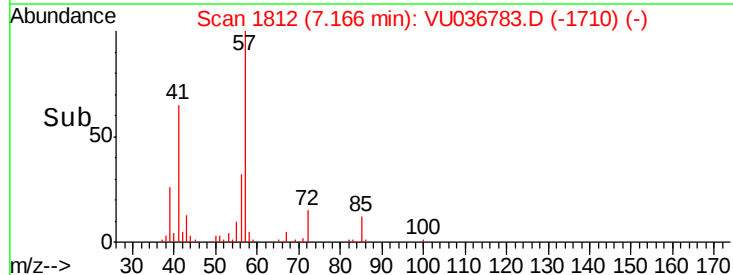
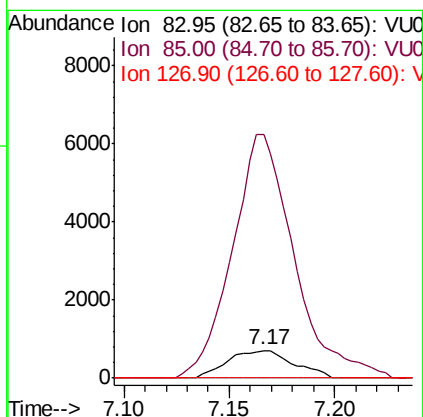
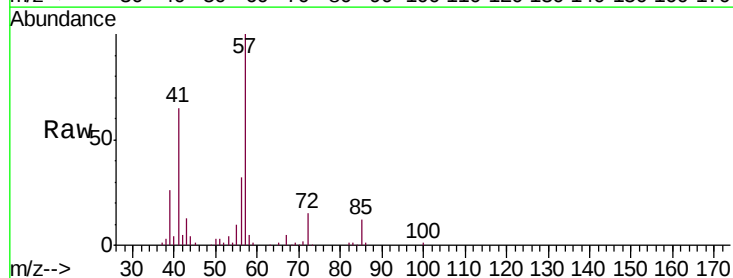
Instrument :
 MSVOA_U
 ClientSampled :
 COAR0

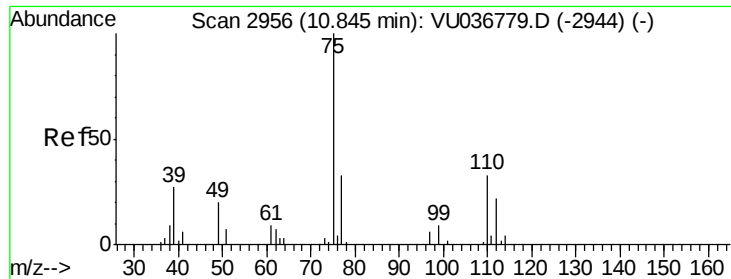
Tgt Ion: 63 Resp: 6209
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#38
 Bromodichloromethane
 Concen: 0.128 ug/L
 RT: 7.17 min Scan# 1812
 Delta R.T. 0.03 min
 Lab File: VU036783.D
 Acq: 14 Feb 2020 13:44

Tgt Ion: 83 Resp: 1553
 Ion Ratio Lower Upper
 83 100
 85 880.8 43.0 80.0#
 127 0.0 6.3 9.5#

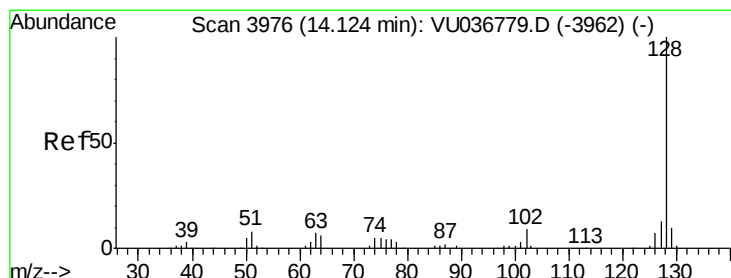
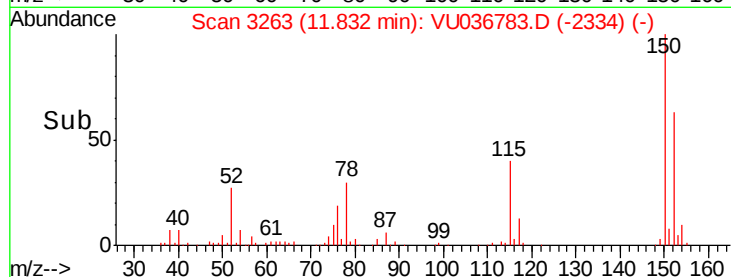
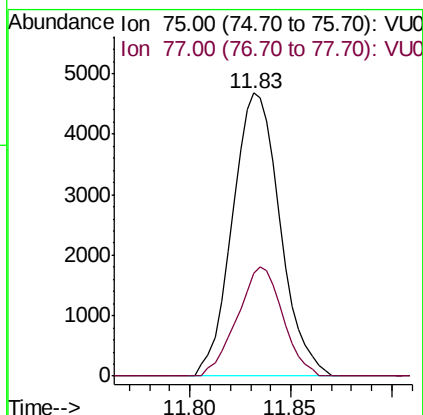
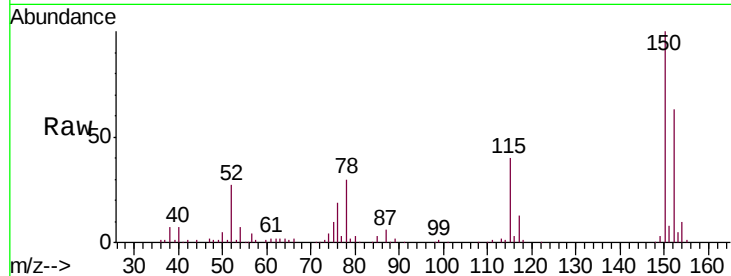




#59
 1,2,3-Trichloropropane
 Concen: 1.148 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036783.D
 Acq: 14 Feb 2020 13:44

Instrument :
 MSVOA_U
 ClientSampleId :
 COAR0

Tgt Ion: 75 Resp: 7736
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.6 38.4



#69
 Naphthalene
 Concen: 0.489 ug/L
 RT: 14.13 min Scan# 3979
 Delta R.T. 0.01 min
 Lab File: VU036783.D
 Acq: 14 Feb 2020 13:44

Tgt Ion: 128 Resp: 8337
 Ion Ratio Lower Upper
 128 100
 129 9.6 9.0 13.4
 127 12.5 10.8 16.2

