

Data File : VU036784.D
Acq On : 14 Feb 2020 14:09
Operator : JC/MD
Sample : L1537-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AR1

Quant Time: Feb 14 23:42:38 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	127485	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	48291	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	43445	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.93	69	41518	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	61700	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.67	46	118989	51.75	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.50%
24) Chloroform-d	5.11	84	75601	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.74	65	45623	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.76	84	171307	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	54266	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.92	98	154608	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.20	79	19184	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.66	63	101410	50.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41290	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	47257	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

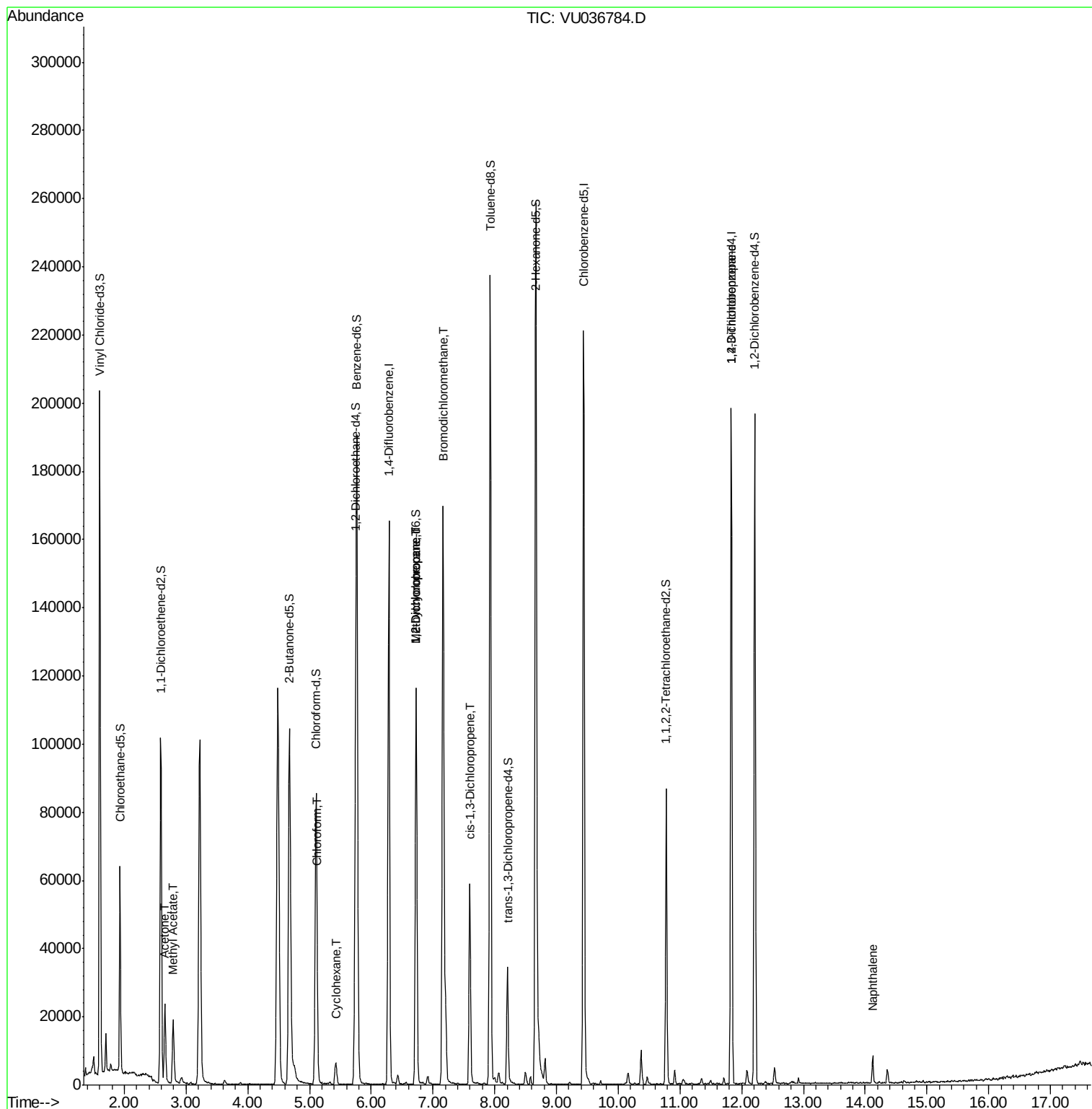
					Qvalue
13) Acetone	2.66	43	26808	9.118	ug/L 98
15) Methyl Acetate	2.79	43	5845	1.498	ug/L # 52
25) Chloroform	5.13	83	3754	0.209	ug/L 98
30) Cyclohexane	5.43	56	3381	0.246	ug/L 95
35) Methylcyclohexane	6.73	83	12092	0.823	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	6180	0.622	ug/L # 89
38) Bromodichloromethane	7.16	83	1658	0.140	ug/L # 1
39) cis-1,3-Dichloropropene	7.60	75	1480	0.103	ug/L # 57
59) 1,2,3-Trichloropropane	11.83	75	7232	1.103	ug/L 93
69) Naphthalene	14.12	128	6336	0.396	ug/L # 96

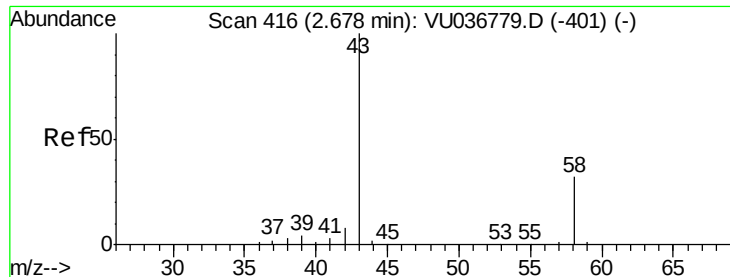
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.118 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036784.D

Acq: 14 Feb 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

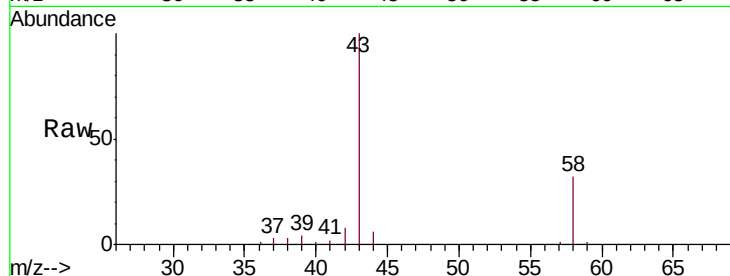
C0AR1

Tgt Ion: 43 Resp: 26808

Ion Ratio Lower Upper

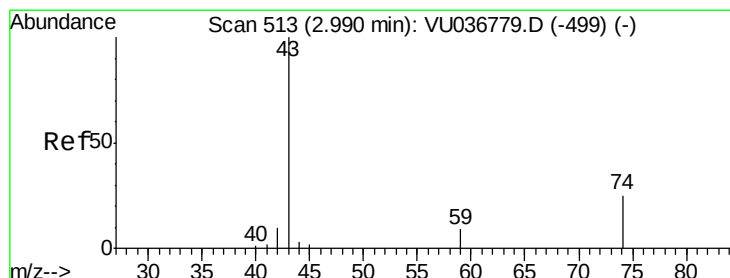
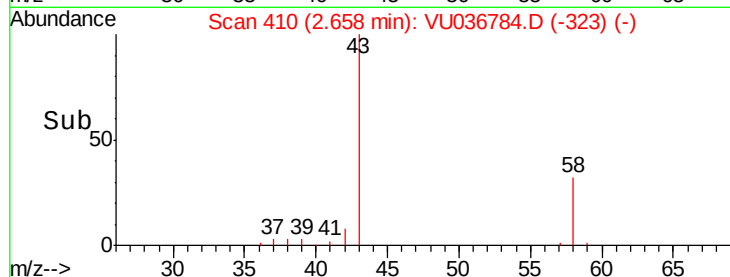
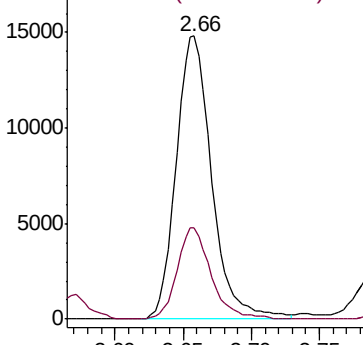
43 100

58 30.7 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036779.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036779.D (-401) (-)



#15

Methyl Acetate

Concen: 1.498 ug/L

RT: 2.79 min Scan# 452

Delta R.T. -0.20 min

Lab File: VU036784.D

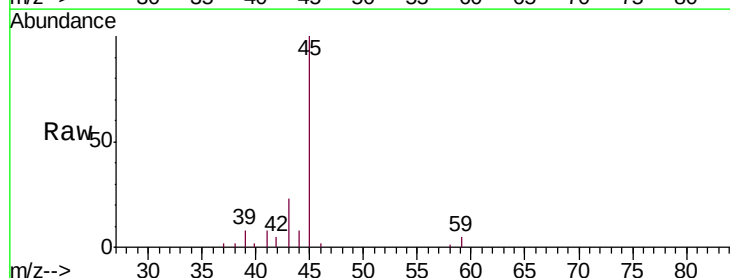
Acq: 14 Feb 2020 14:09

Tgt Ion: 43 Resp: 5845

Ion Ratio Lower Upper

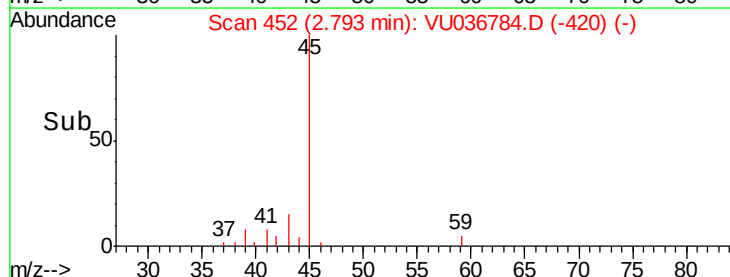
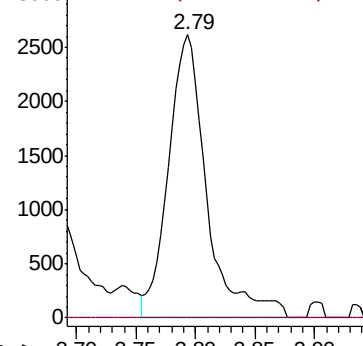
43 100

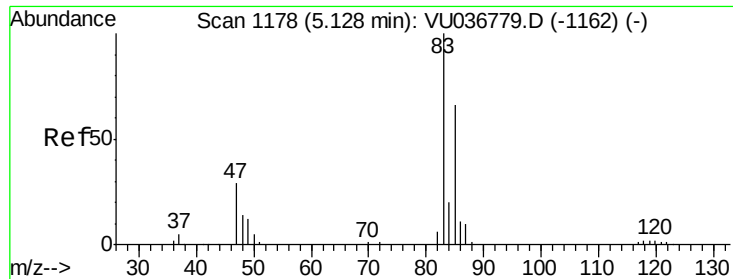
74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036779.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU036779.D (-499) (-)

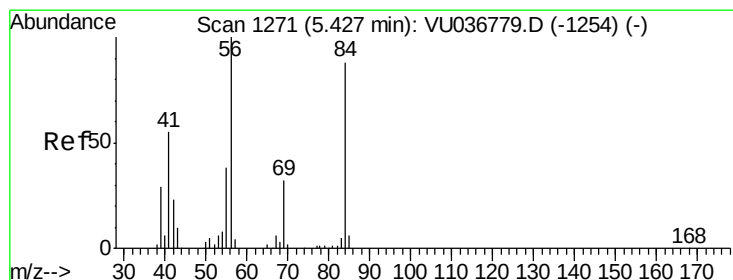
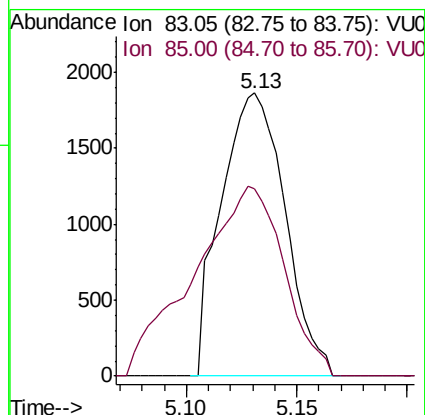
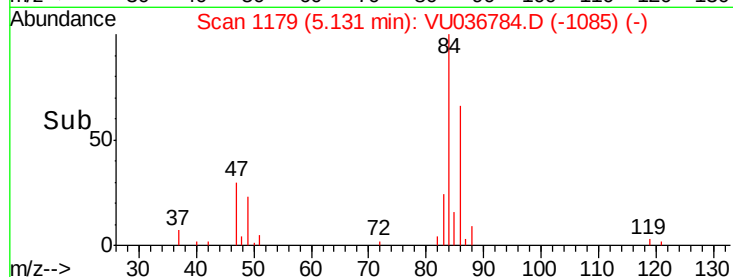
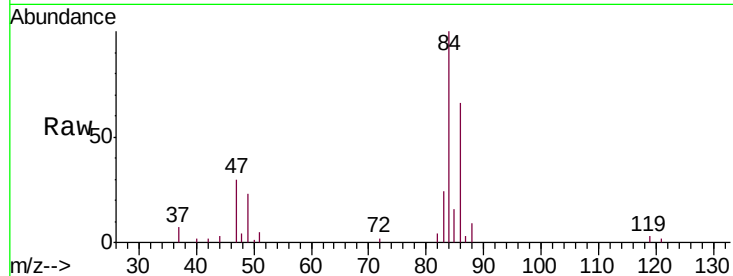




#25
Chloroform
Concen: 0.209 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036784.D
Acq: 14 Feb 2020 14:09

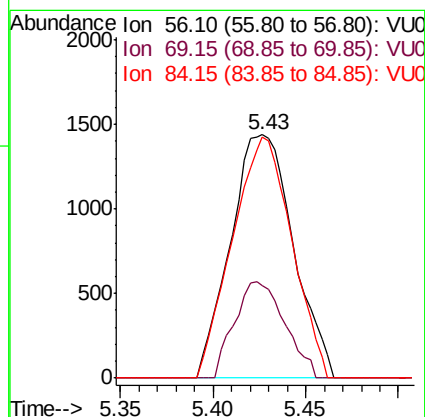
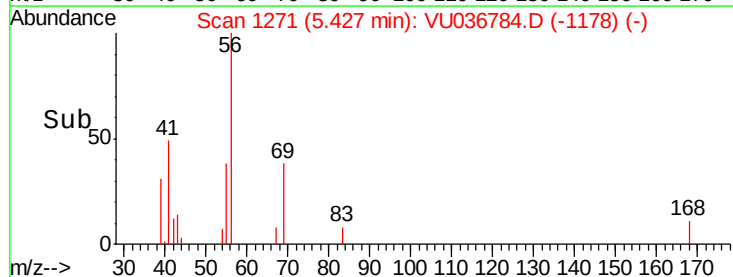
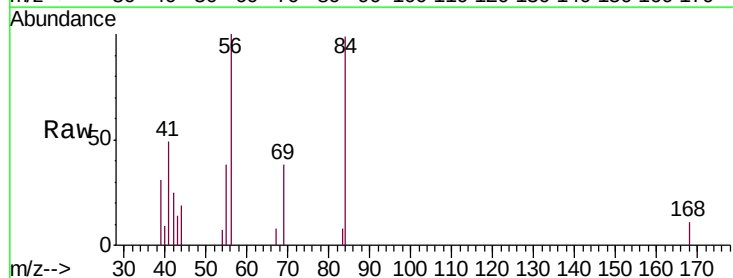
Instrument :
MSVOA_U
ClientSampleId :
C0AR1

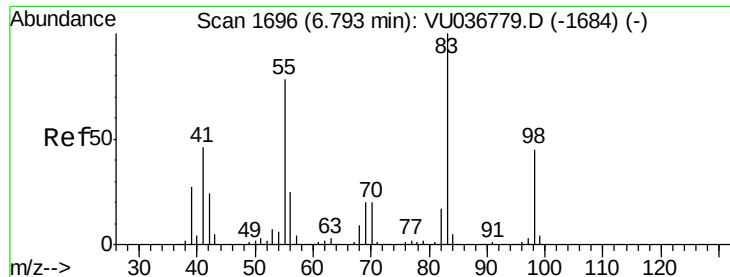
Tgt Ion: 83 Resp: 3754
Ion Ratio Lower Upper
83 100
85 66.4 45.4 84.2



#30
Cyclohexane
Concen: 0.246 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU036784.D
Acq: 14 Feb 2020 14:09

Tgt Ion: 56 Resp: 3381
Ion Ratio Lower Upper
56 100
69 31.8 24.6 37.0
84 93.2 70.0 105.0

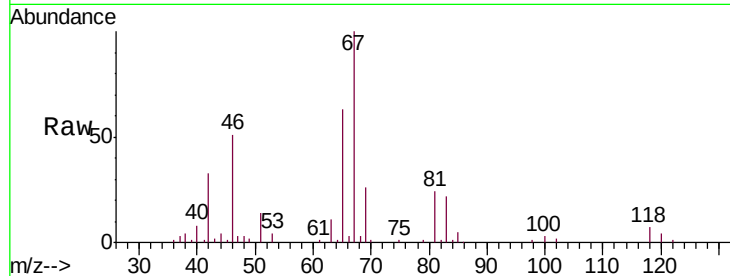




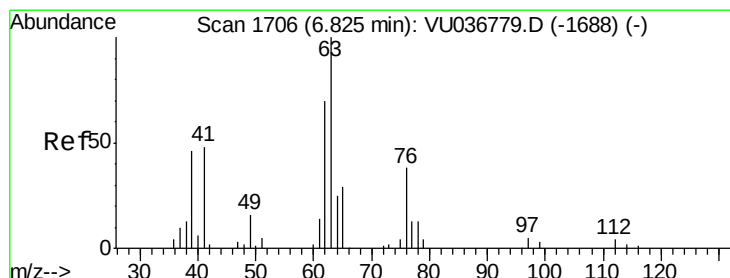
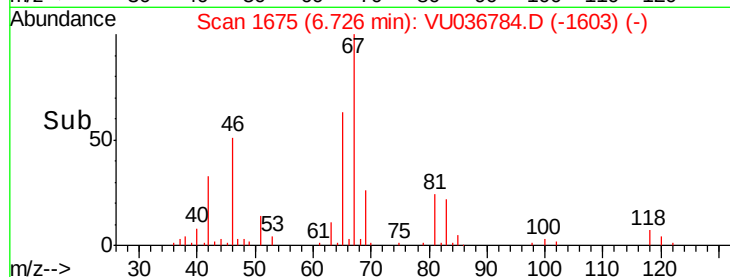
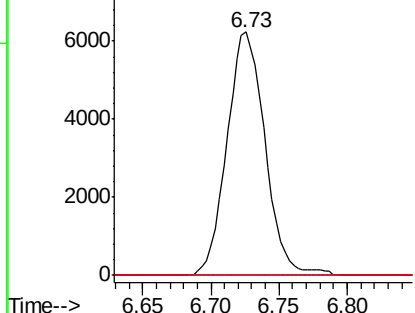
#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036784.D
Acq: 14 Feb 2020 14:09

Instrument :
MSVOA_U
ClientSampleId :
C0AR1

Tgt Ion: 83 Resp: 12092
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 34.2 51.4#

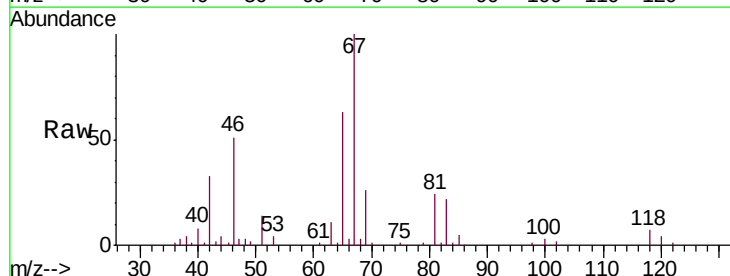


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

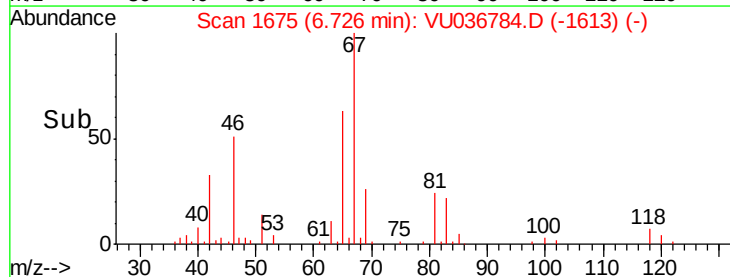
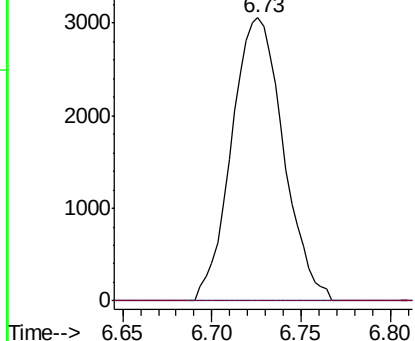


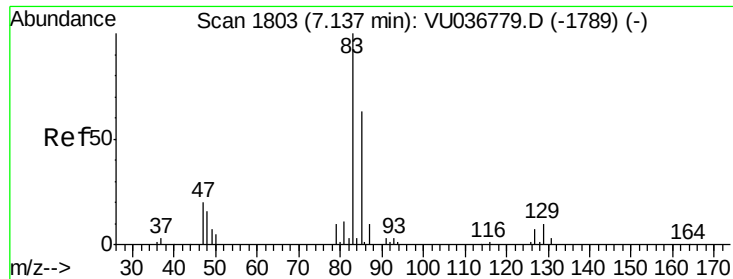
#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036784.D
Acq: 14 Feb 2020 14:09

Tgt Ion: 63 Resp: 6180
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: 0.140 ug/L

RT: 7.16 min Scan# 1810

Delta R.T. 0.02 min

Lab File: VU036784.D

Acq: 14 Feb 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

C0AR1

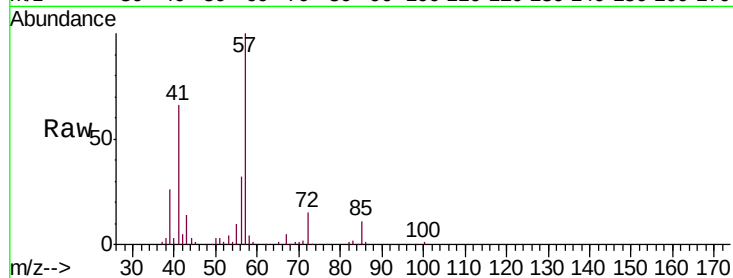
Tgt Ion: 83 Resp: 1658

Ion Ratio Lower Upper

83 100

85 737.8 43.0 80.0#

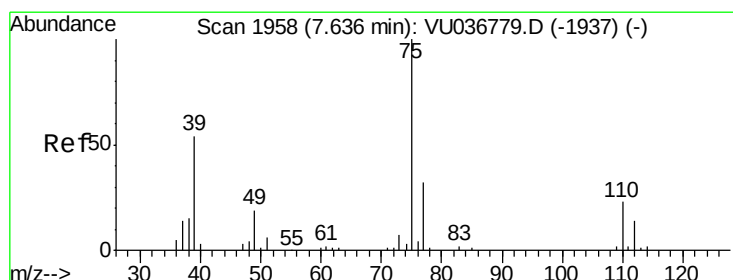
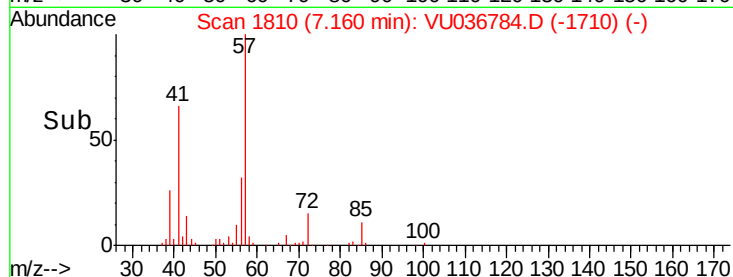
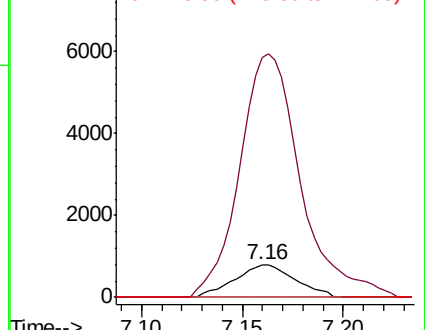
127 0.0 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU036784.D (-1710) (-)

Ion 85.00 (84.70 to 85.70): VU036784.D (-1710) (-)

Ion 126.90 (126.60 to 127.60): VU036784.D (-1710) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036784.D

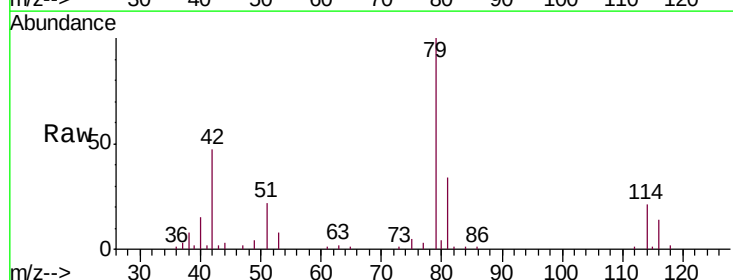
Acq: 14 Feb 2020 14:09

Tgt Ion: 75 Resp: 1480

Ion Ratio Lower Upper

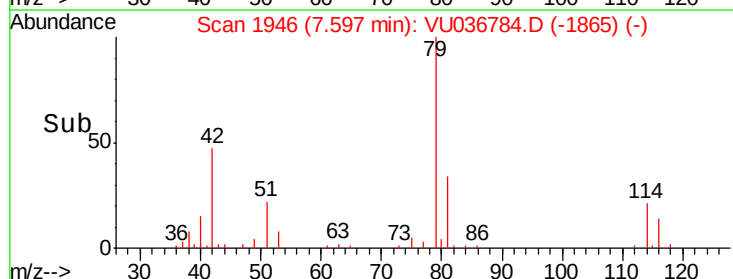
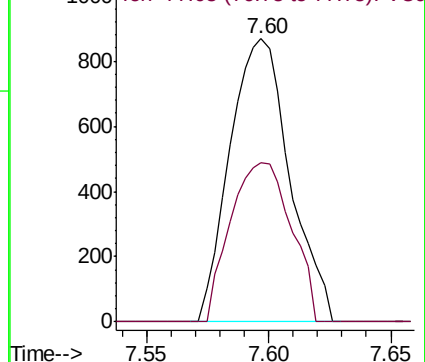
75 100

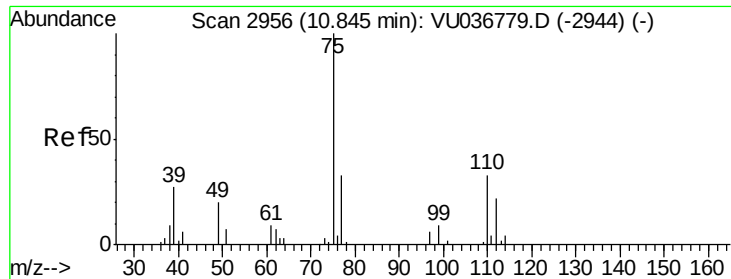
77 56.3 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036784.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU036784.D (-1865) (-)

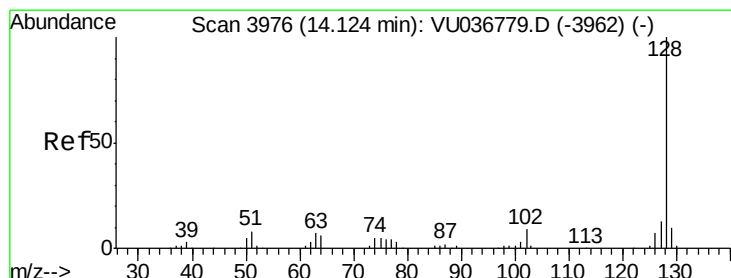
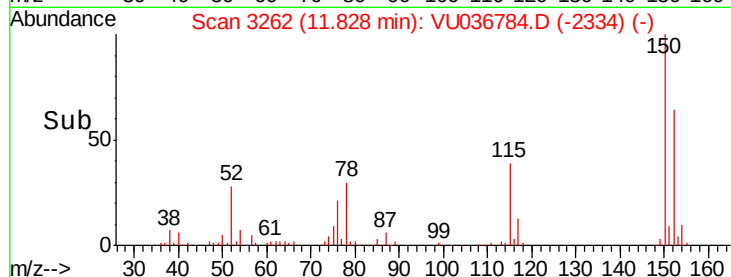
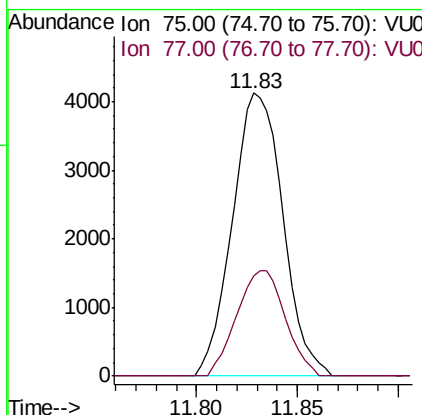
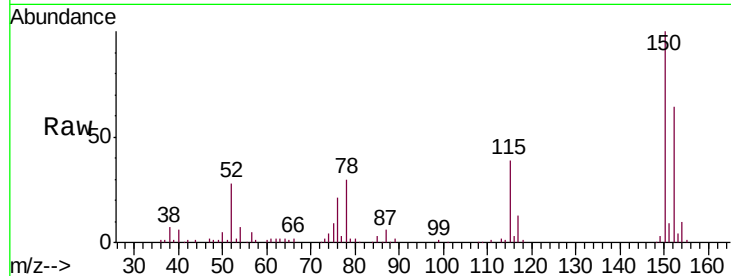




#59
 1,2,3-Trichloropropane
 Concen: 1.103 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036784.D
 Acq: 14 Feb 2020 14:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR1

Tgt Ion: 75 Resp: 7232
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.6 38.4



#69
 Naphthalene
 Concen: 0.396 ug/L
 RT: 14.12 min Scan# 3976
 Delta R.T. -0.00 min
 Lab File: VU036784.D
 Acq: 14 Feb 2020 14:09

Tgt Ion: 128 Resp: 6336
 Ion Ratio Lower Upper
 128 100
 129 8.5 9.0 13.4#
 127 12.8 10.8 16.2

