

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036483.D
 Acq On : 15 Jan 2020 21:44
 Operator : JC/MD
 Sample : L1118-04
 Misc : 5.09G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:54:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 06:52:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	521203	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	493728	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	215198	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151158	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.46%
7) Chloroethane-d5	1.89	69	106984	36.57	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.14%
11) 1,1-Dichloroethene-d2	2.64	63	301	0.05	ug/L	0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.10%#
21) 2-Butanone-d5	4.69	46	240540	82.80	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.80%
24) Chloroform-d	5.11	84	318066	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	5.74	65	223646	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
32) Benzene-d6	5.76	84	658832	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
36) 1,2-Dichloropropane-d6	6.73	67	220729	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.12%
41) Toluene-d8	7.93	98	621397	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%
43) trans-1,3-Dichloropropene-	8.21	79	109878	48.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.14%
47) 2-Hexanone-d5	8.68	63	239038	111.08	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.08%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	315286	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	12.22	152	213575	50.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.78%

Target Compounds

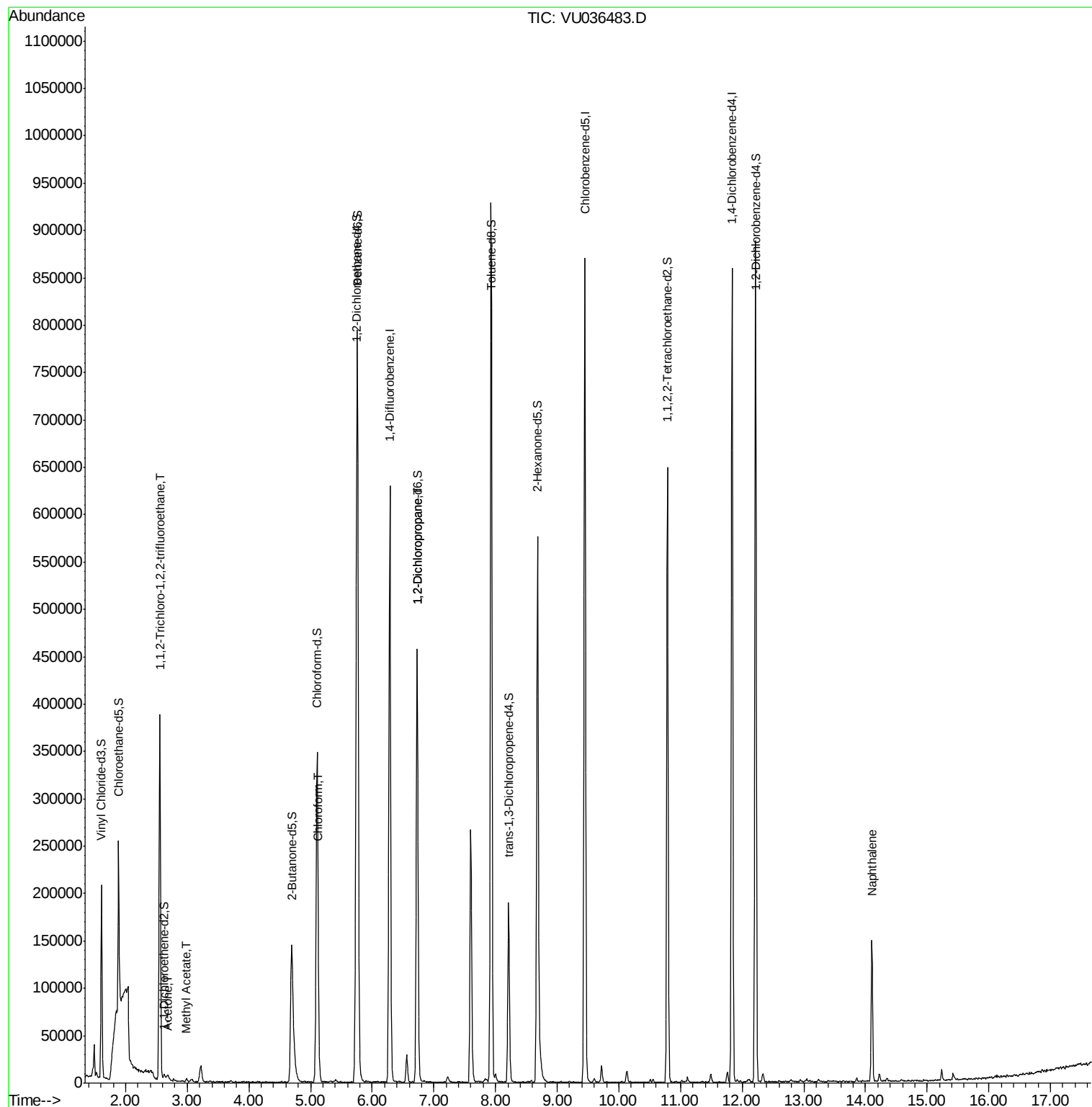
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.56	101	2424	0.780 ug/L #	24
13) Acetone	2.68	43	6897	2.194 ug/L	78
15) Methyl Acetate	2.99	43	3782	0.899 ug/L	96
25) Chloroform	5.13	83	13689	2.013 ug/L	100
37) 1,2-Dichloropropane	6.73	63	25368	6.747 ug/L #	89
69) Naphthalene	14.10	128	112349	11.010 ug/L	99

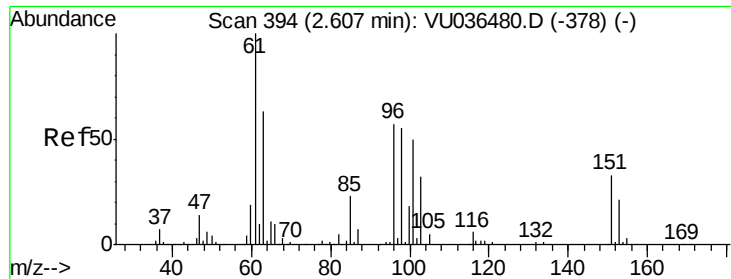
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 16 06:52:15 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.780 ug/L

RT: 2.56 min Scan# 380

Delta R.T. -0.05 min

Lab File: VU036483.D

Acq: 15 Jan 2020 21:44

Instrument :

MSVOA_U

ClientSampleId :

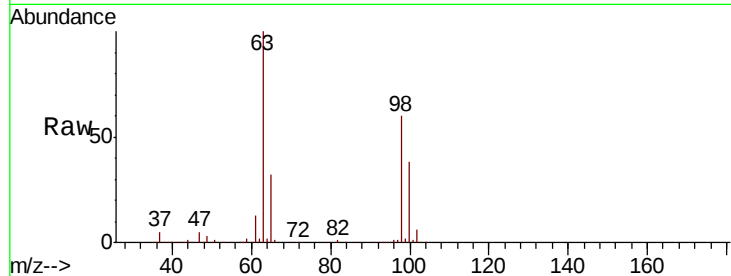
Tot Ion:101 Resp: 2424

Ion Ratio Lower Upper

101 100

85 3.0 36.7 55.1#

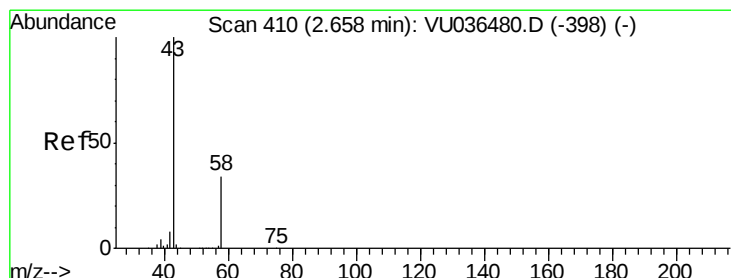
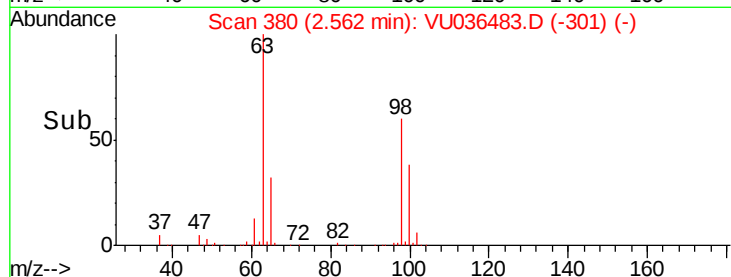
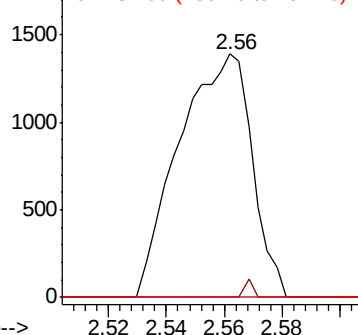
151 0.0 53.3 79.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.194 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU036483.D

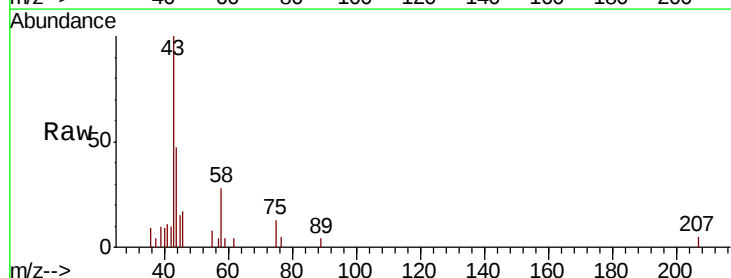
Acq: 15 Jan 2020 21:44

Tgt Ion: 43 Resp: 6897

Ion Ratio Lower Upper

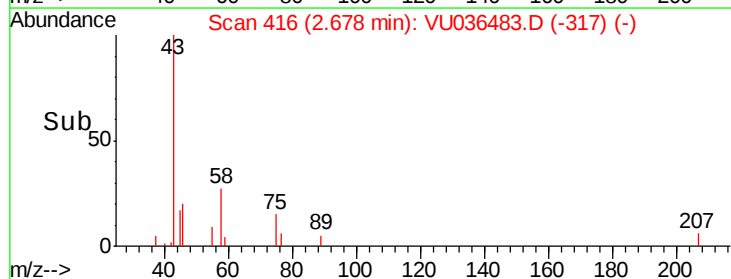
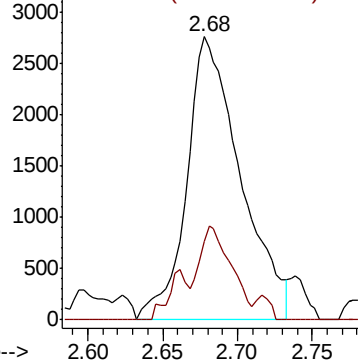
43 100

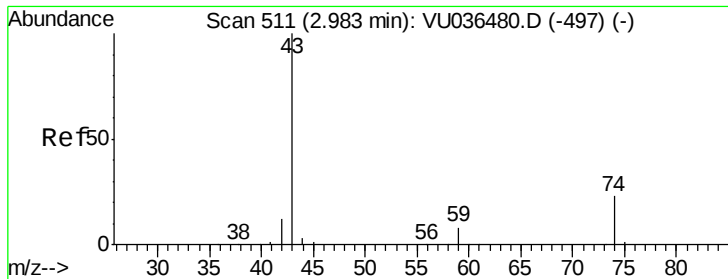
58 19.9 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

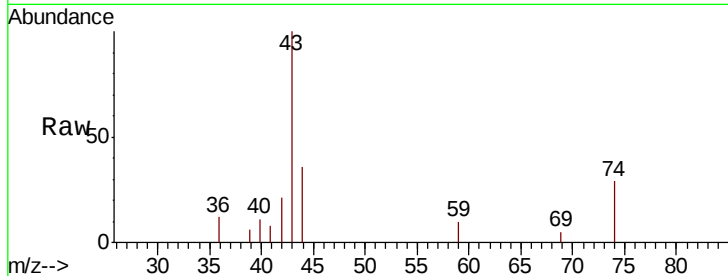




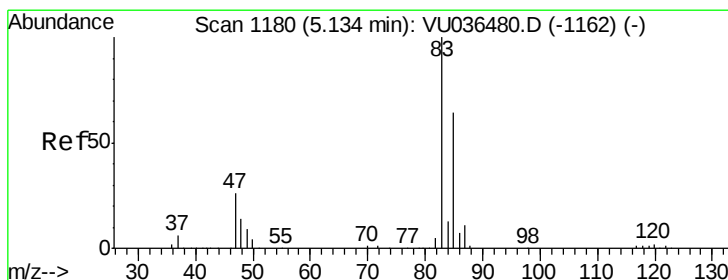
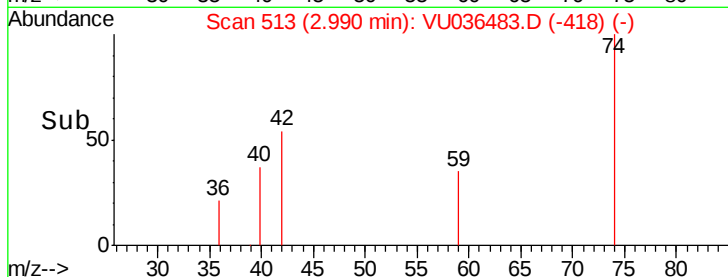
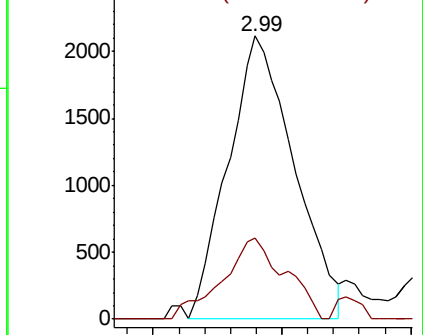
#15
Methvl Acetate
Concen: 0.899 ug/L
RT: 2.99 min Scan# 513
Delta R.T. 0.01 min
Lab File: VU036483.D
Acq: 15 Jan 2020 21:44

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 3782
Ion Ratio Lower Upper
43 100
74 21.8 19.0 28.4

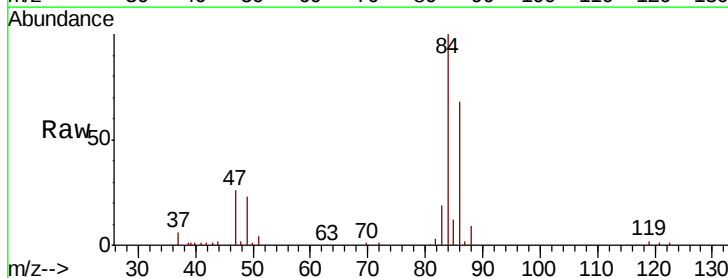


Abundance Ion 43.00 (42.70 to 43.70): VU036483.D (-513) (-)
Ion 74.00 (73.70 to 74.70): VU036483.D (-513) (-)

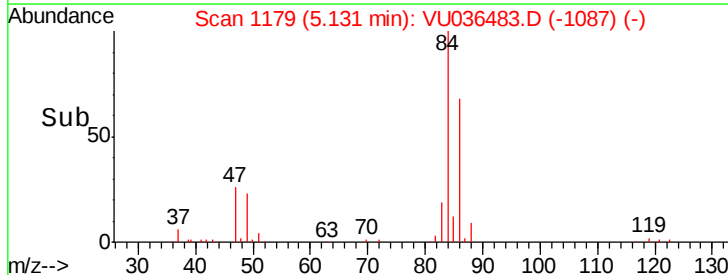
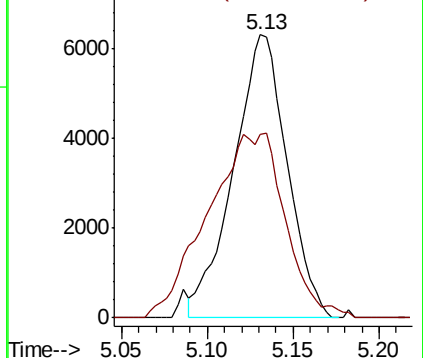


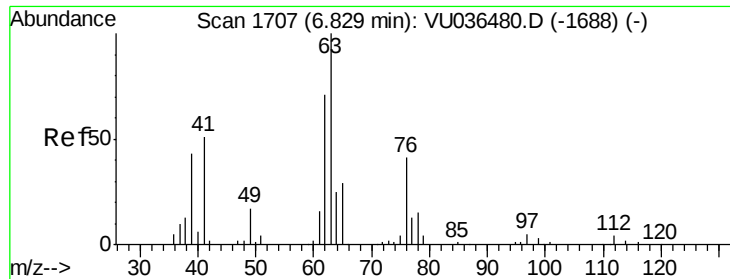
#25
Chloroform
Concen: 2.013 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036483.D
Acq: 15 Jan 2020 21:44

Tgt Ion: 83 Resp: 13689
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU036483.D (-1179) (-)
Ion 85.00 (84.70 to 85.70): VU036483.D (-1179) (-)

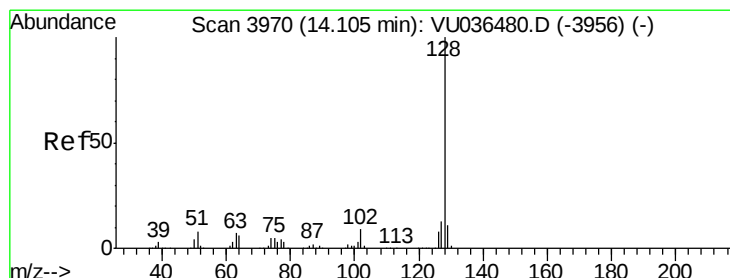
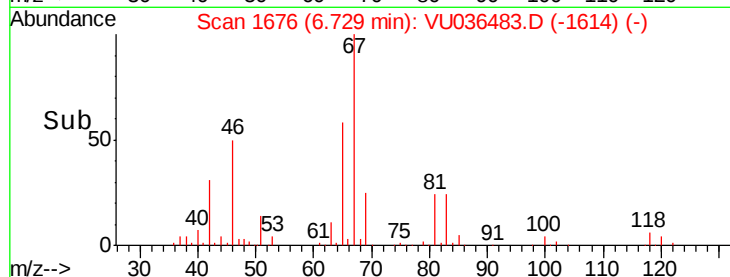
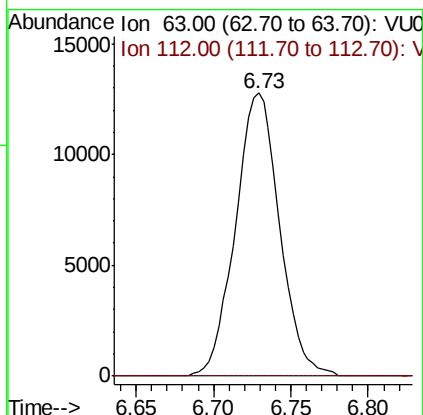
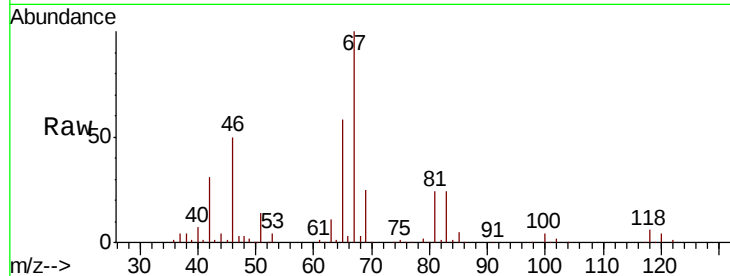




#37
 1,2-Dichloropropane
 Concen: 6.747 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036483.D
 Acq: 15 Jan 2020 21:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 25368
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#69
 Naphthalene
 Concen: 11.010 ug/L
 RT: 14.10 min Scan# 3970
 Delta R.T. -0.00 min
 Lab File: VU036483.D
 Acq: 15 Jan 2020 21:44

Tgt Ion: 128 Resp: 112349
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.0 15.0
 129 10.7 8.6 12.8

