

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
 Data File : VU036615.D
 Acq On : 30 Jan 2020 13:37
 Operator : JC/MD
 Sample : L1301-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFM07

Quant Time: Jan 30 15:36:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 12:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	299388	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	278330	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93091	41.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.02%
7) Chloroethane-d5	1.93	69	83822	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.14%
11) 1,1-Dichloroethene-d2	2.59	63	121043	33.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.76%
21) 2-Butanone-d5	4.68	46	142537	107.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.09%
24) Chloroform-d	5.11	84	164050	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	5.74	65	105666	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.77	84	367100	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.73	67	117040	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.93	98	349764	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%
43) trans-1,3-Dichloropropene-	8.21	79	54073	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.20%
47) 2-Hexanone-d5	8.67	63	123383	109.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.05%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	168930	47.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.18%
64) 1,2-Dichlorobenzene-d4	12.21	152	132826	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%

Target Compounds

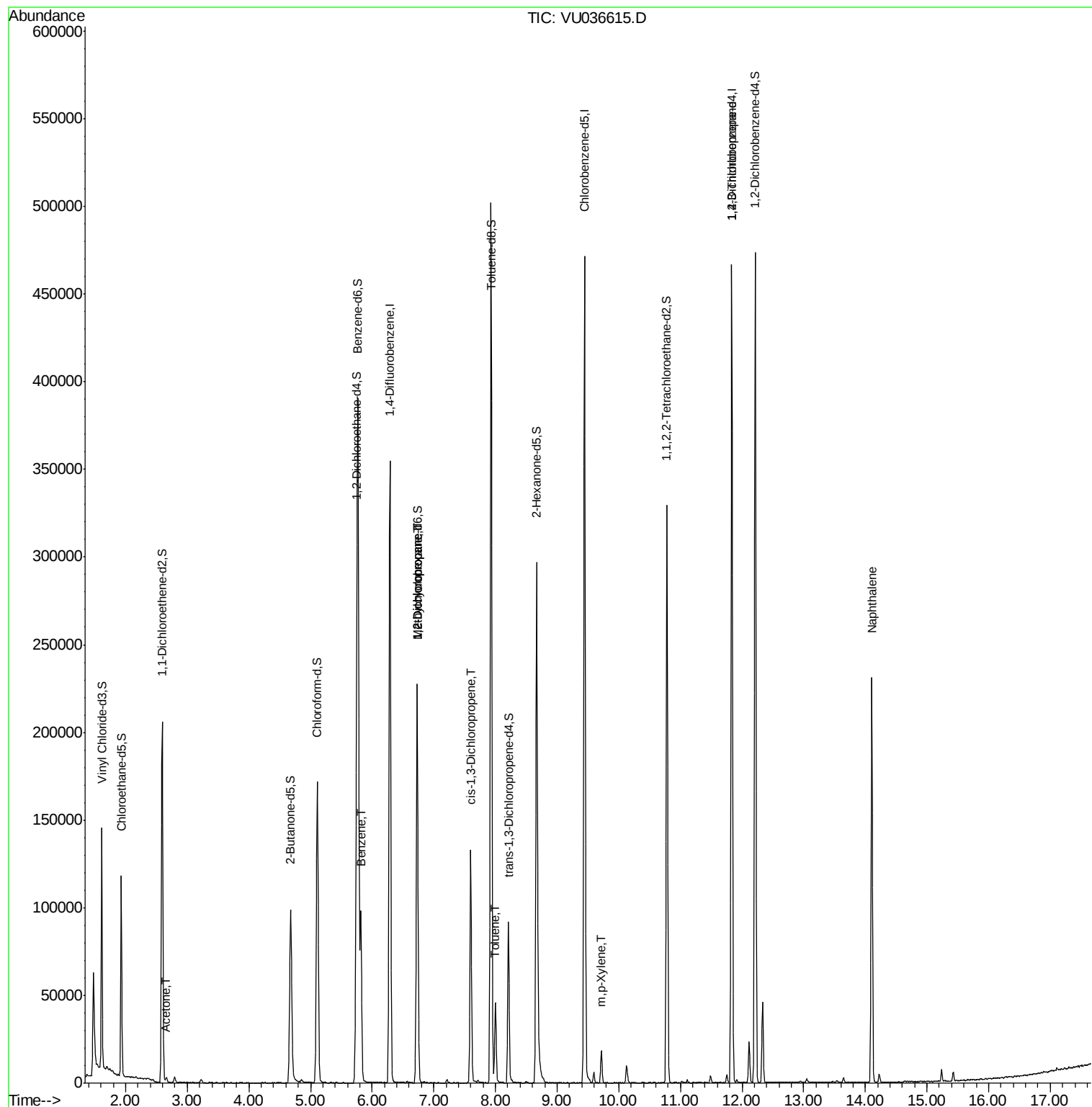
						Qvalue
13) Acetone	2.66	43	3223	2.50	ug/L	100
33) Benzene	5.82	78	94008	11.30	ug/L	100
35) Methylcyclohexane	6.73	83	26375	7.38	ug/L #	21
37) 1,2-Dichloropropane	6.73	63	11682	5.52	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2911	0.85	ug/L #	47
42) Toluene	8.00	91	33175	3.67	ug/L	99
53) m,p-Xylene	9.72	106	5535	1.43	ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	14759	5.16	ug/L	96
69) Naphthalene	14.10	128	184311	29.12	ug/L	99

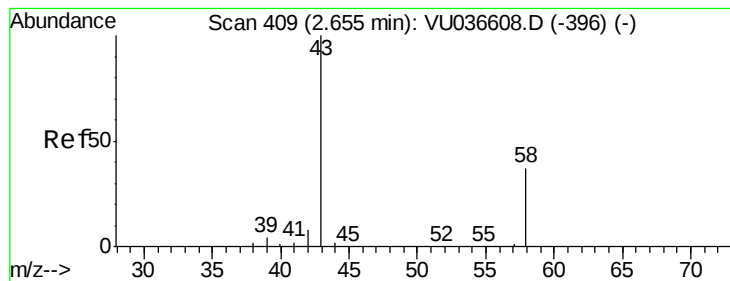
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 30 12:57:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.50 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU036615.D

Acq: 30 Jan 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

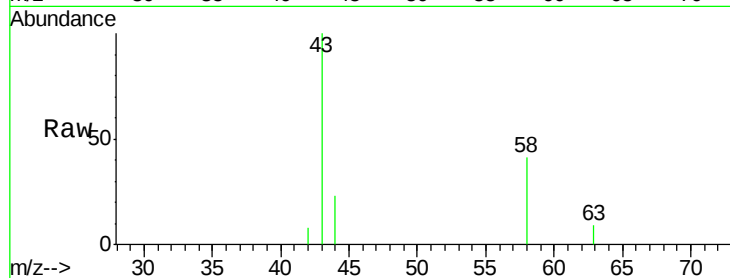
BFM07

Tgt Ion: 43 Resp: 3223

Ion Ratio Lower Upper

43 100

58 37.5 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036615.D (-411) (-)

Ion 58.00 (57.70 to 58.70): VU036615.D (-411) (-)

2.66

2000

1500

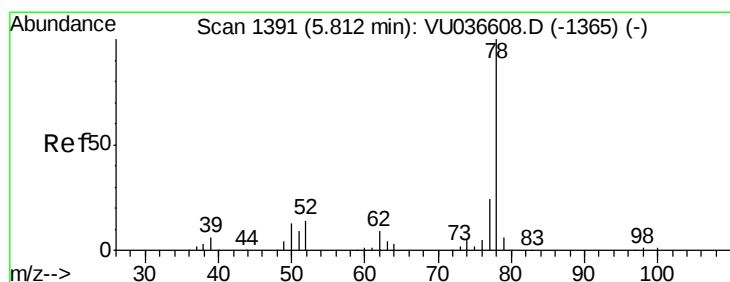
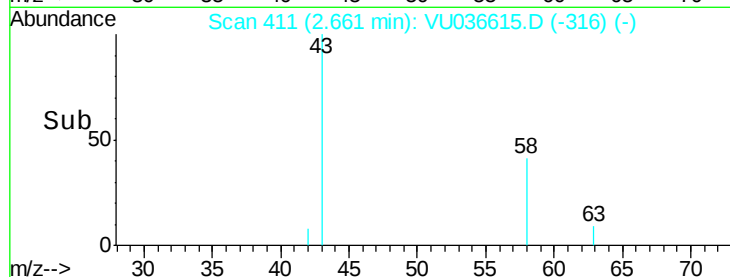
1000

500

0

Time-->

2.60 2.65 2.70



#33

Benzene

Concen: 11.30 ug/L

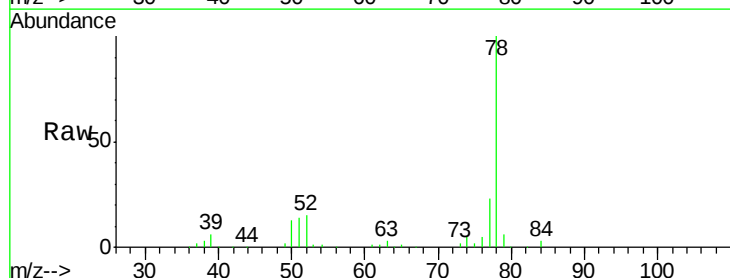
RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036615.D

Acq: 30 Jan 2020 13:37

Tgt Ion: 78 Resp: 94008



Abundance Ion 78.00 (77.70 to 78.70): VU036615.D (-1392) (-)

5.82

50000

40000

30000

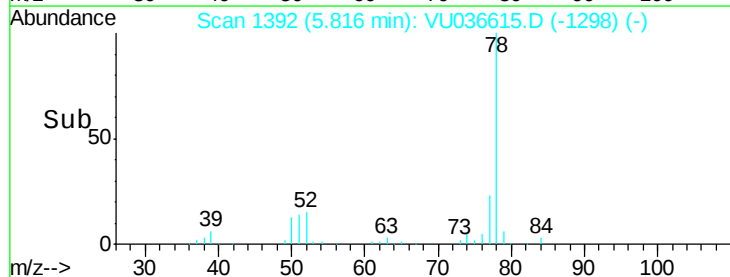
20000

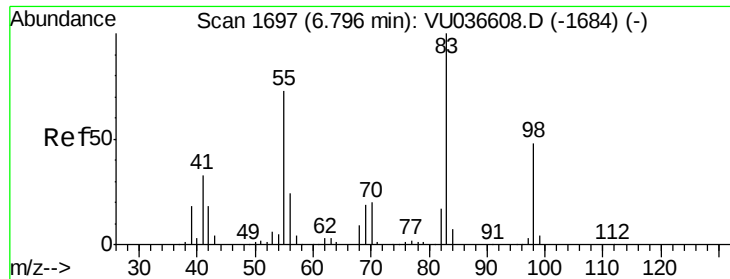
10000

0

Time-->

5.70 5.75 5.80 5.85 5.90

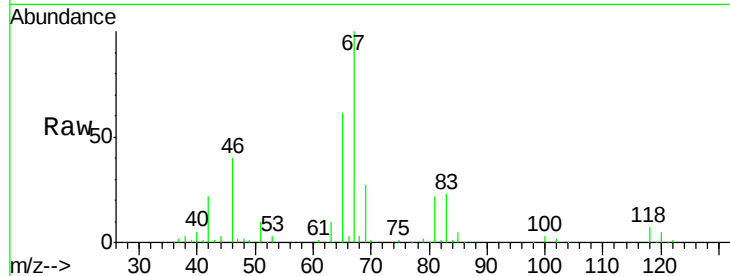




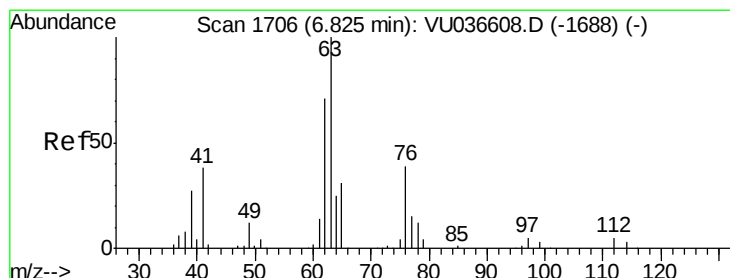
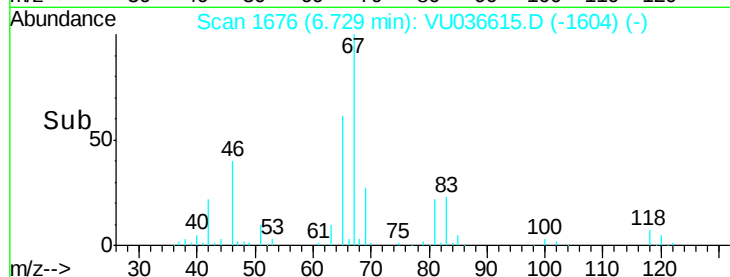
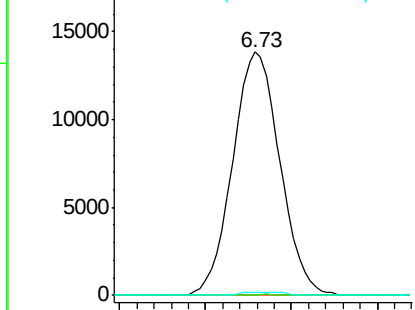
#35
Methylcyclohexane
Concen: 7.38 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036615.D
Acq: 30 Jan 2020 13:37

Instrument :
MSVOA_U
ClientSampleId :
BFM07

Tgt Ion: 83 Resp: 26375
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 0.9 37.5 56.3#

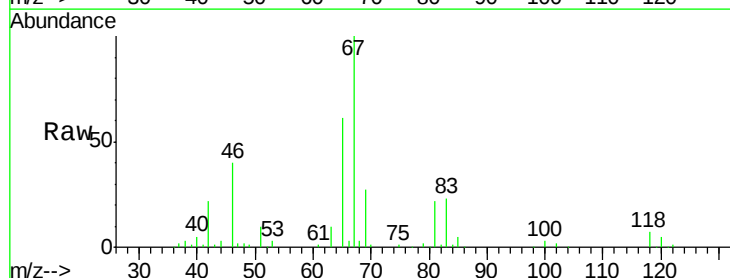


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

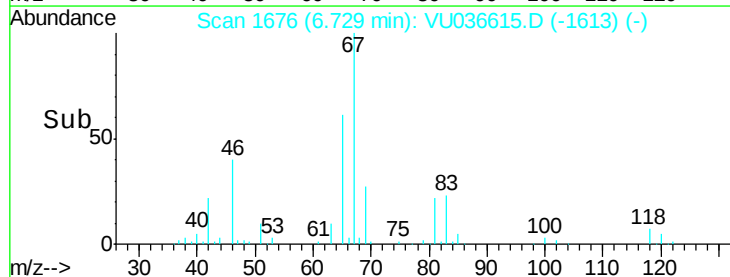
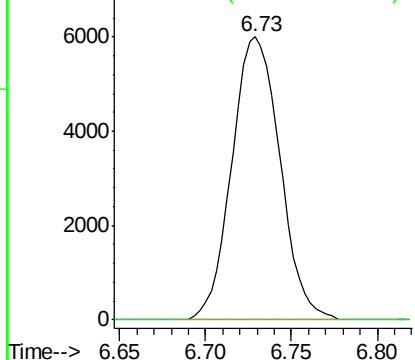


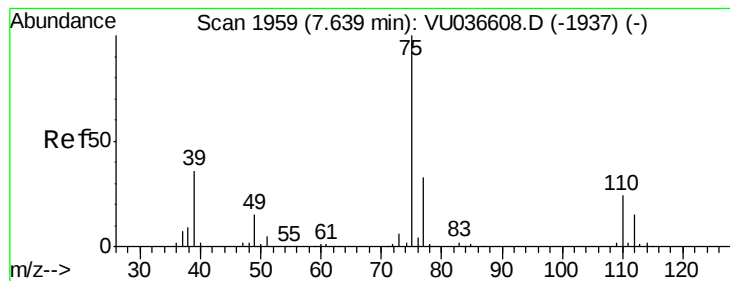
#37
1,2-Dichloropropane
Concen: 5.52 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036615.D
Acq: 30 Jan 2020 13:37

Tgt Ion: 63 Resp: 11682
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



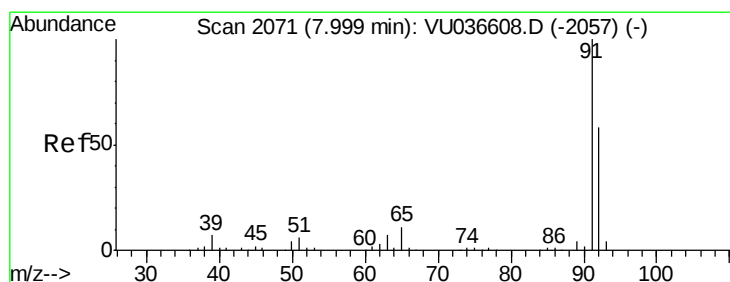
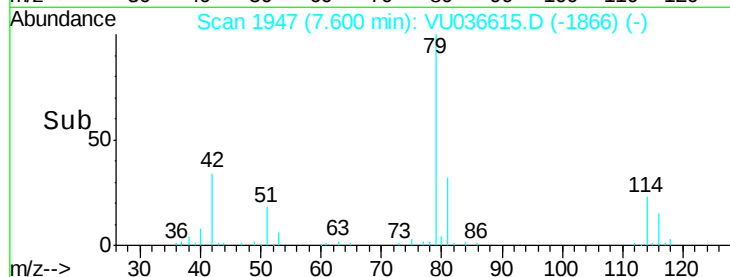
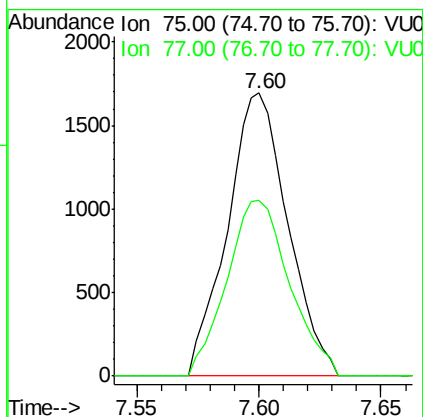
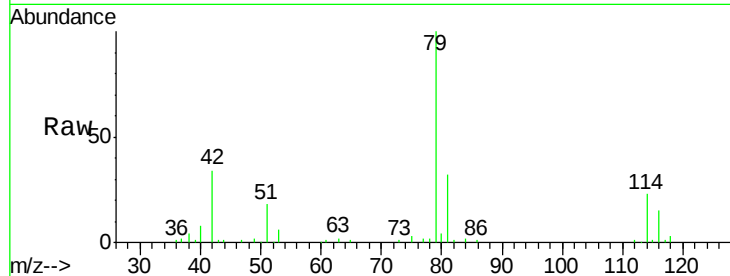


#39

cis-1,3-Dichloropropene
Concen: 0.85 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036615.D
Acq: 30 Jan 2020 13:37

Instrument :
MSVOA_U
ClientSampleId :
BFM07

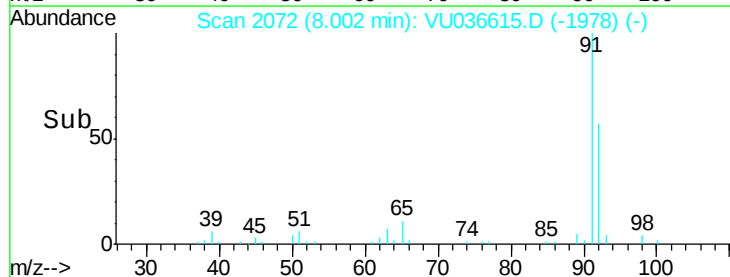
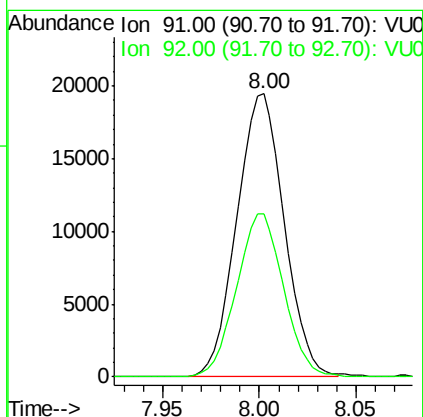
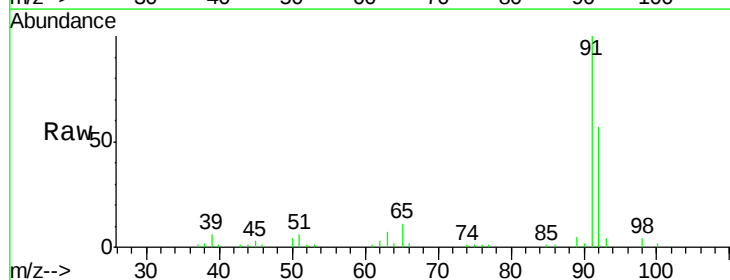
Tgt Ion: 75 Resp: 2911
Ion Ratio Lower Upper
75 100
77 62.1 22.5 41.9#

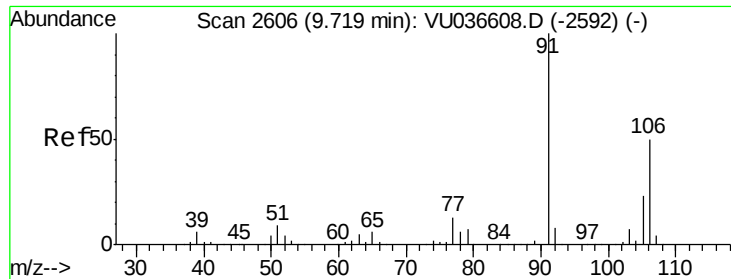


#42

Toluene
Concen: 3.67 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036615.D
Acq: 30 Jan 2020 13:37

Tgt Ion: 91 Resp: 33175
Ion Ratio Lower Upper
91 100
92 57.4 39.9 74.1





#53

m,p-Xylene

Concen: 1.43 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VU036615.D

Acq: 30 Jan 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

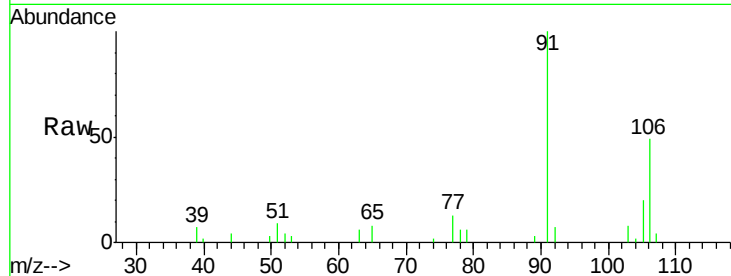
BFM07

Tgt Ion: 106 Resp: 5535

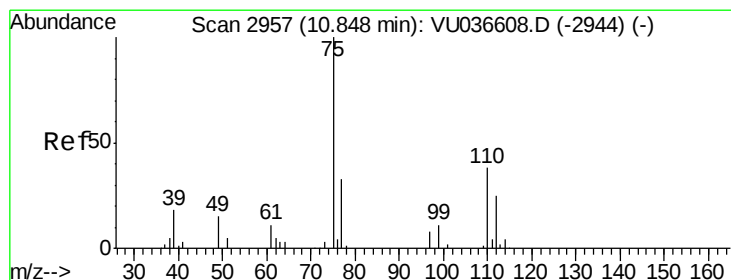
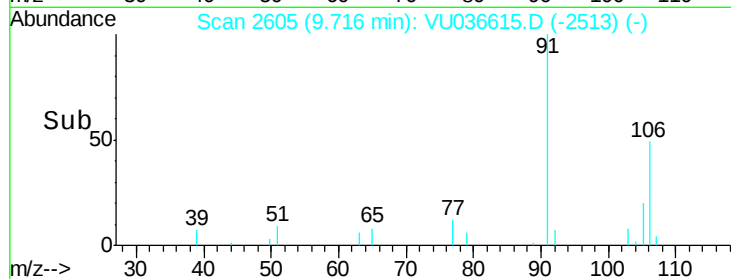
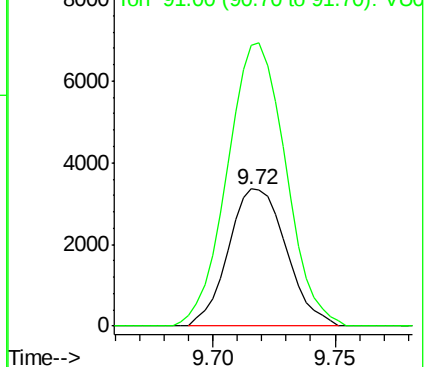
Ion Ratio Lower Upper

106 100

91 205.0 139.4 259.0



Abundance Ion 106.00 (105.70 to 106.70): VU036615.D (-2513) (-)



#59

1,2,3-Trichloropropane

Concen: 5.16 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036615.D

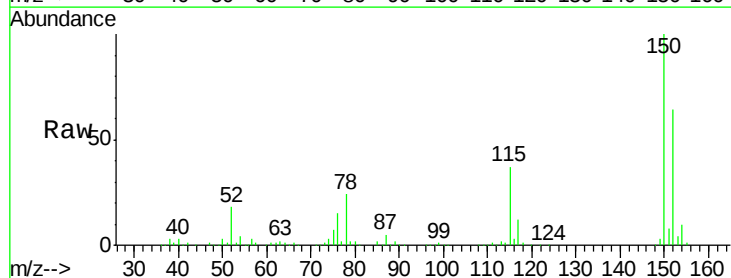
Acq: 30 Jan 2020 13:37

Tgt Ion: 75 Resp: 14759

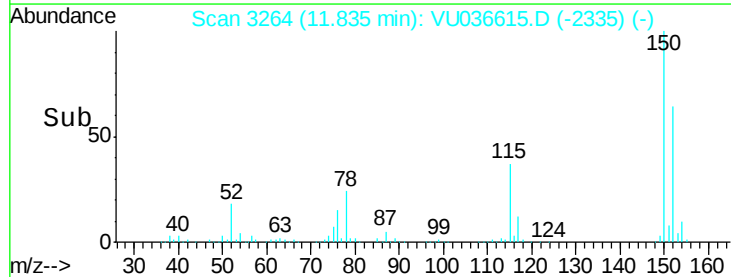
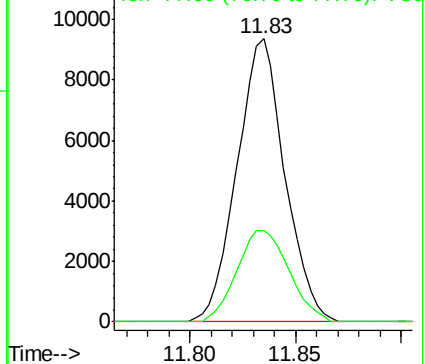
Ion Ratio Lower Upper

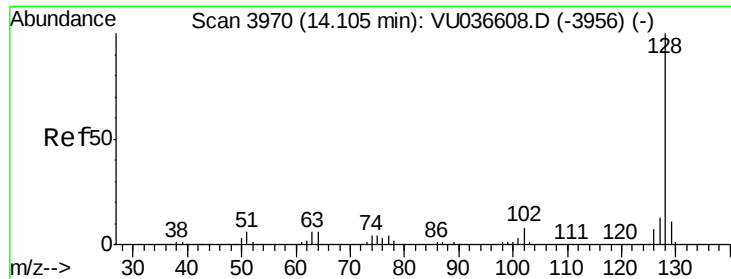
75 100

77 35.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036615.D (-2335) (-)





#69

Naphthalene

Concen: 29.12 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VU036615.D

Acq: 30 Jan 2020 13:37

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ClientSampleId :

BFM07

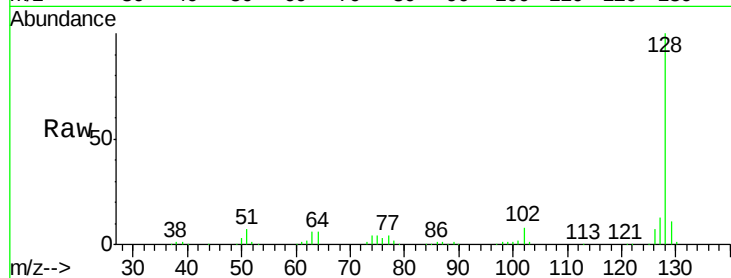
Tgt Ion:128 Resp: 184311

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

