

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021120\
 Data File : VU036716.D
 Acq On : 11 Feb 2020 10:53
 Operator : JC/MD
 Sample : VU0211MBL05
 Misc : 5.0µL/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 02:34:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 12 02:32:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	257492	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	240963	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	96710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	65469	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.24%
7) Chloroethane-d5	1.93	69	66384	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.38%
11) 1,1-Dichloroethene-d2	2.59	63	96435	29.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.50%#
21) 2-Butanone-d5	4.67	46	131234	89.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.57%
24) Chloroform-d	5.11	84	130213	41.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.75	65	99451	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.77	84	291353	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
36) 1,2-Dichloropropane-d6	6.73	67	100313	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.40%
41) Toluene-d8	7.93	98	260266	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%
43) trans-1,3-Dichloropropene-	8.21	79	44565	44.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.52%
47) 2-Hexanone-d5	8.67	63	110972	92.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.46%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	147523	47.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.20%
66) 1,2-Dichlorobenzene-d4	12.21	152	86989	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%

Target Compounds

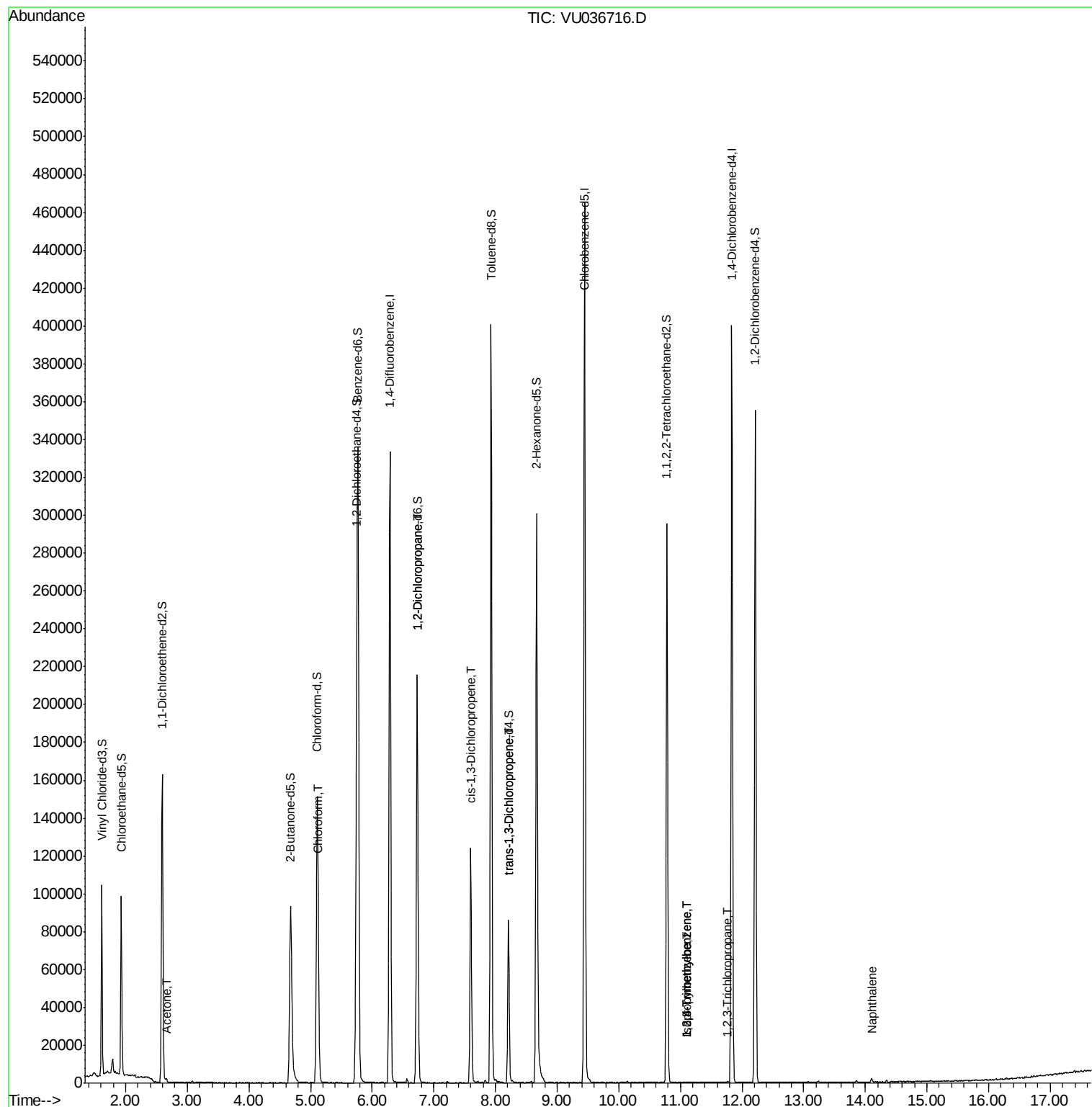
					Ovalue
13) Acetone	2.66	43	2569	1.651 ug/L	89
25) Chloroform	5.13	83	10930	3.370 ug/L	100
37) 1,2-Dichloropropane	6.73	63	10899	5.546 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2922	0.931 ug/L #	59
44) trans-1,3-Dichloropropene	8.21	75	2033	0.741 ug/L #	80
60) 1,2,3-Trichloropropane	11.77	75	42	0.018 ug/L #	15
61) Isopropylbenzene	11.11	105	257	0.036 ug/L #	70
62) 1,3,5-Trimethylbenzene	11.11	105	257	0.042 ug/L	87
63) 1,2,4-Trimethylbenzene	11.11	105	257	0.042 ug/L	91
71) Naphthalene	14.10	128	2178	0.353 ug/L #	88

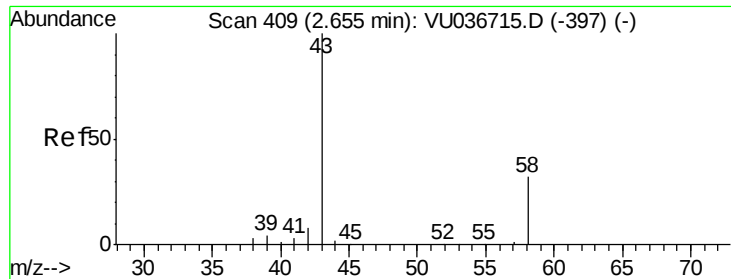
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU036716.D
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Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

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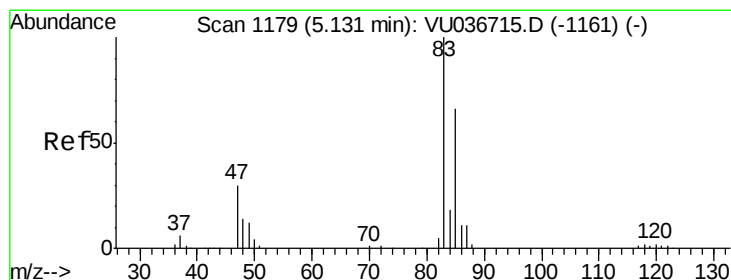
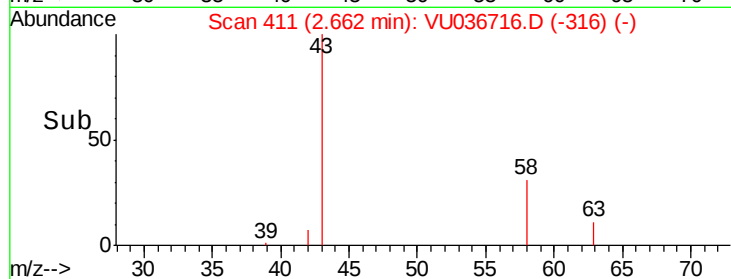
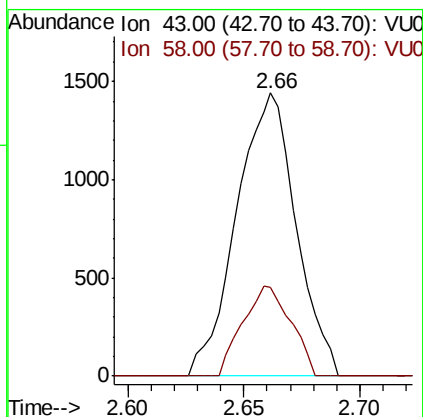
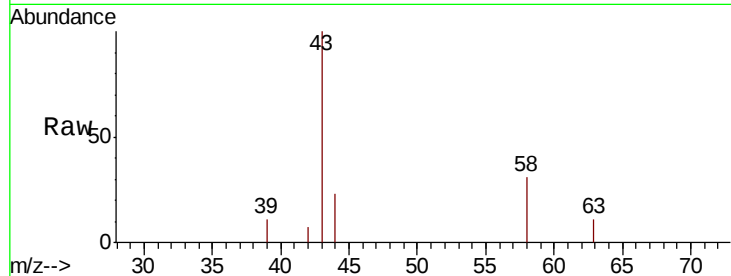




#13
Acetone
Concen: 1.651 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.01 min
Lab File: VU036716.D
Acq: 11 Feb 2020 10:53

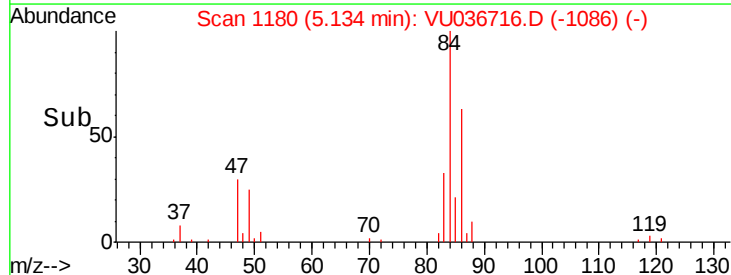
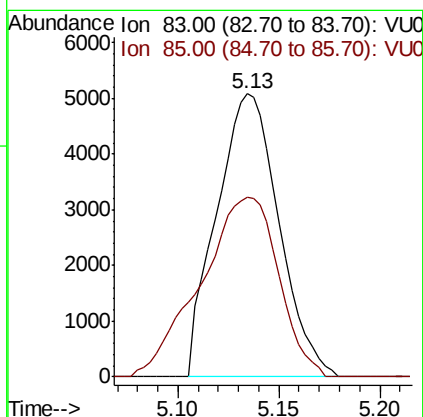
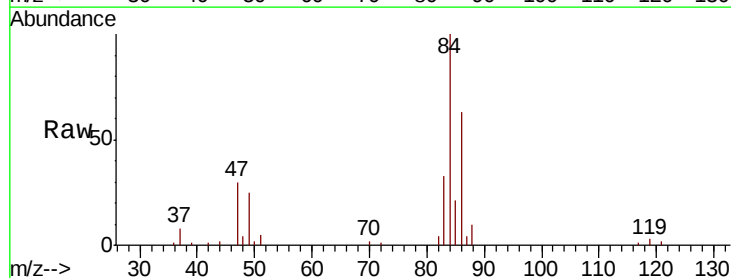
Instrument :
MSVOA_U
ClientSampleId :

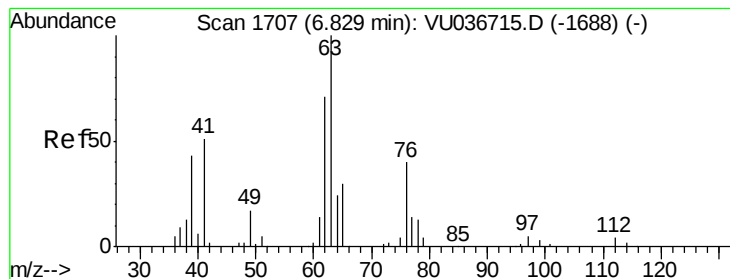
Tot Ion: 43 Resp: 2569
Ion Ratio Lower Upper
43 100
58 25.8 0.0 64.0



#25
Chloroform
Concen: 3.370 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036716.D
Acq: 11 Feb 2020 10:53

Tgt Ion: 83 Resp: 10930
Ion Ratio Lower Upper
83 100
85 63.4 44.6 82.8





#37

1,2-Dichloropropane

Concen: 5.546 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036716.D

Acq: 11 Feb 2020 10:53

Instrument :

MSVOA_U

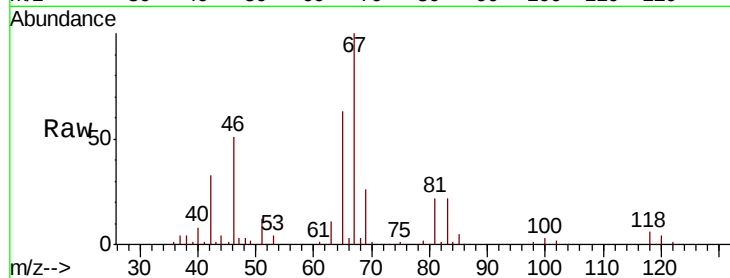
ClientSampleId :

Tot Ion: 63 Resp: 10899

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU036715.D (-1688) (-)

Ion 112.00 (111.70 to 112.70): VU036715.D (-1688) (-)

6.73

6000

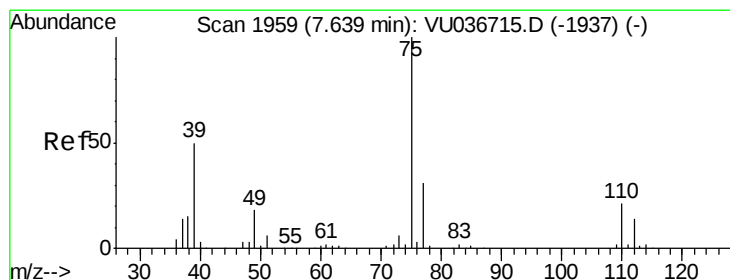
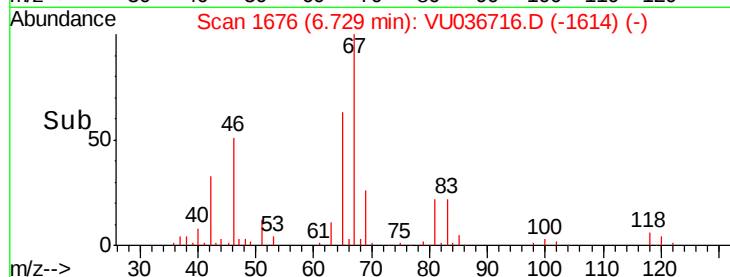
4000

2000

0

6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.931 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036716.D

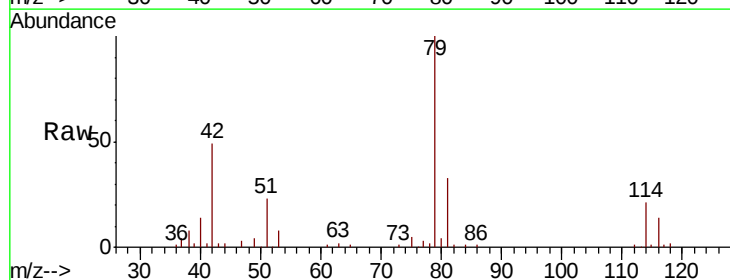
Acq: 11 Feb 2020 10:53

Tgt Ion: 75 Resp: 2922

Ion Ratio Lower Upper

75 100

77 54.7 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU036715.D (-1937) (-)

Ion 77.00 (76.70 to 77.70): VU036715.D (-1937) (-)

7.60

2000

1500

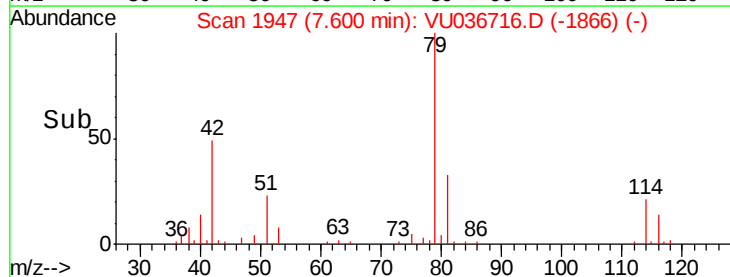
1000

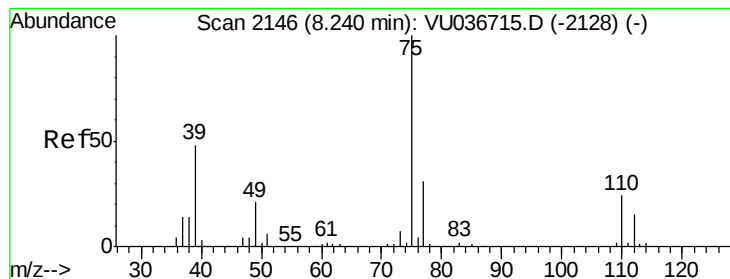
500

0

7.55 7.60 7.65

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.741 ug/L

RT: 8.21 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU036716.D

Acq: 11 Feb 2020 10:53

Instrument :

MSVOA_U

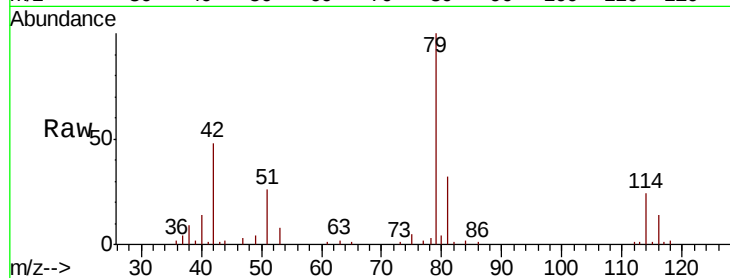
ClientSampleId :

Tot Ion: 75 Resp: 2033

Ion Ratio Lower Upper

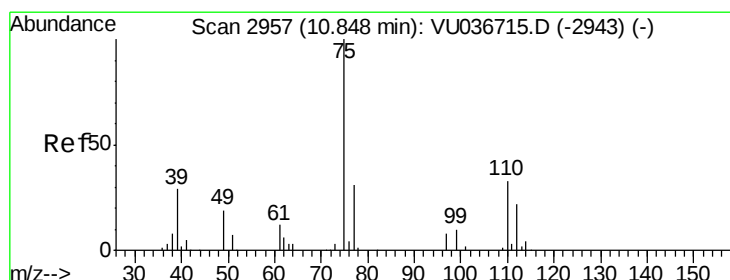
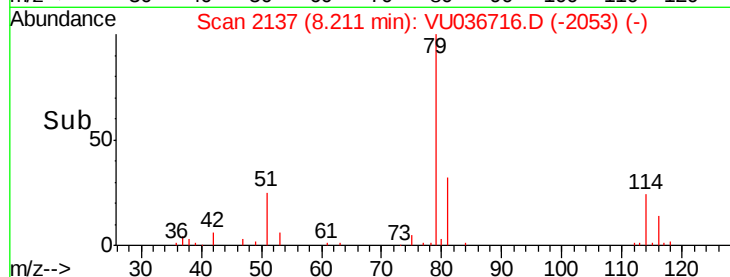
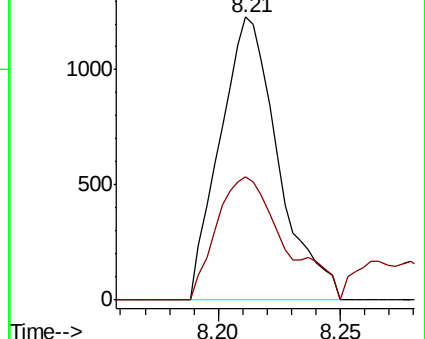
75 100

77 43.5 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#60

1,2,3-Trichloropropane

Concen: 0.018 ug/L

RT: 11.77 min Scan# 3244

Delta R.T. 0.92 min

Lab File: VU036716.D

Acq: 11 Feb 2020 10:53

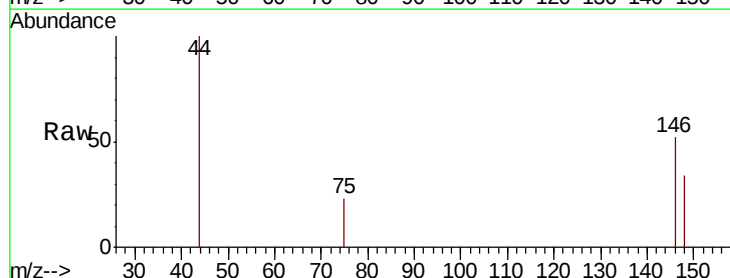
Tgt Ion: 75 Resp: 42

Ion Ratio Lower Upper

75 100

77 95.2 26.1 39.1#

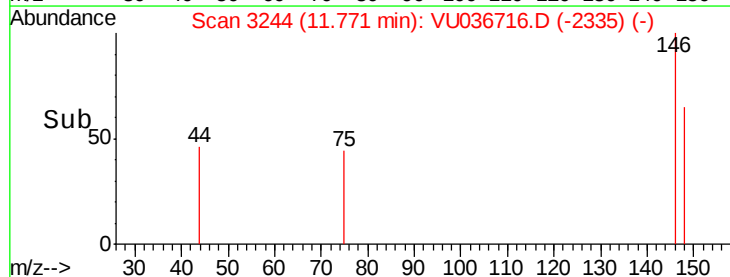
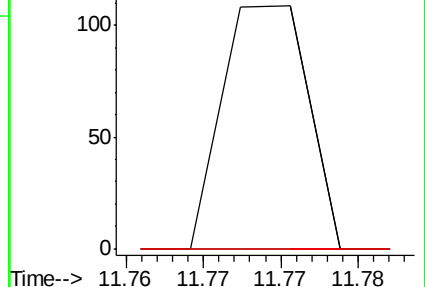
110 0.0 26.9 40.3#

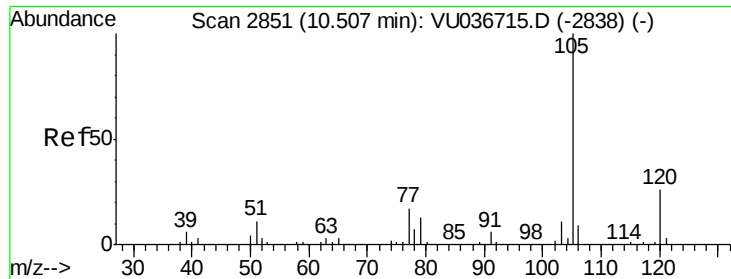


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V





#61

Isopropylbenzene

Concen: 0.036 ug/L

RT: 11.11 min Scan# 3039

Delta R.T. 0.60 min

Lab File: VU036716.D

Acq: 11 Feb 2020 10:53

Instrument :

MSVOA_U

ClientSampleId :

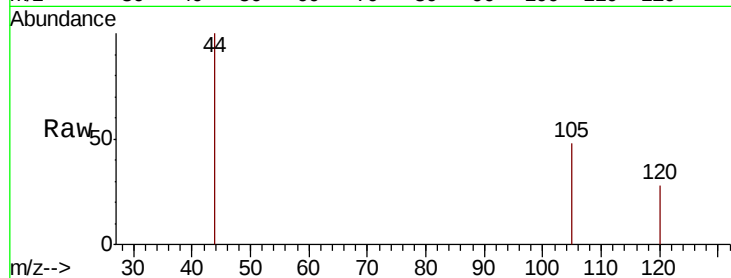
Tot Ion:105 Resp: 257

Ion Ratio Lower Upper

105 100

120 37.7 20.2 30.4#

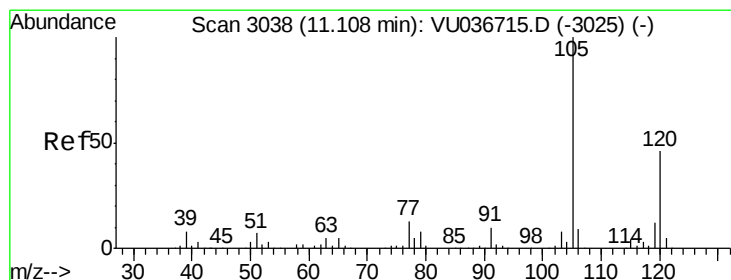
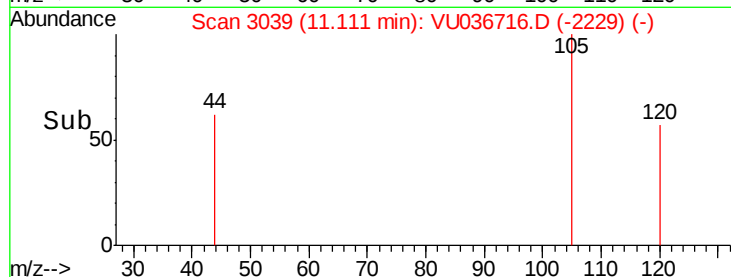
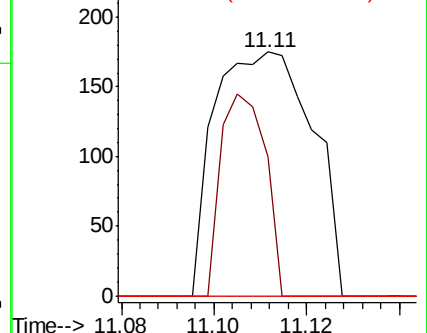
77 0.0 13.0 19.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3,5-Trimethylbenzene

Concen: 0.042 ug/L

RT: 11.11 min Scan# 3039

Delta R.T. 0.00 min

Lab File: VU036716.D

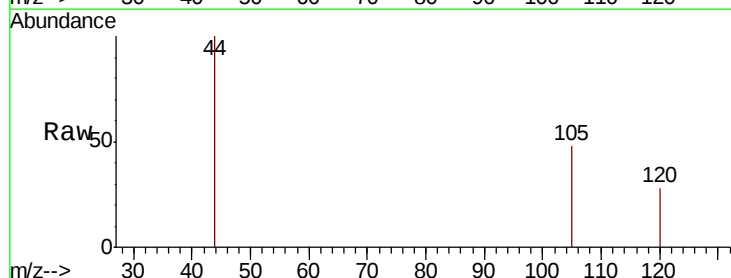
Acq: 11 Feb 2020 10:53

Tgt Ion:105 Resp: 257

Ion Ratio Lower Upper

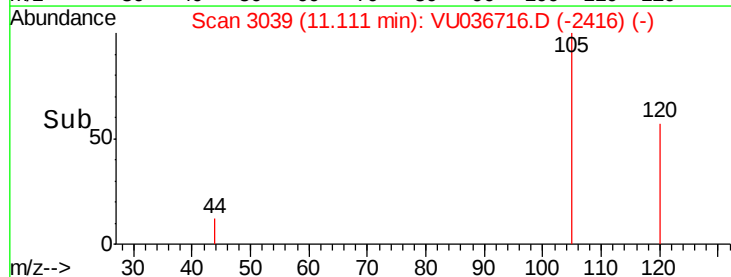
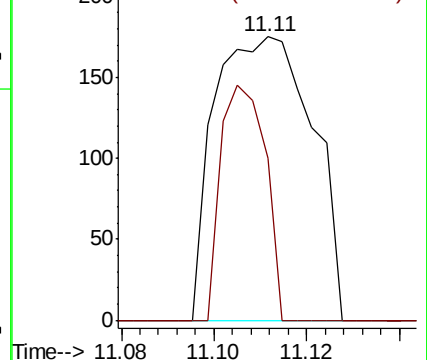
105 100

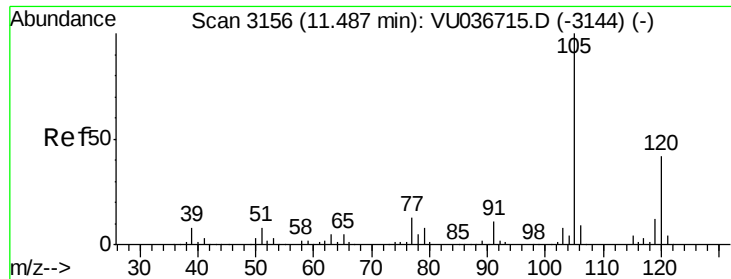
120 37.7 37.1 55.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

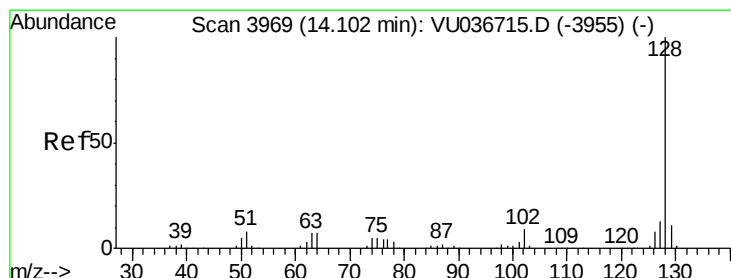
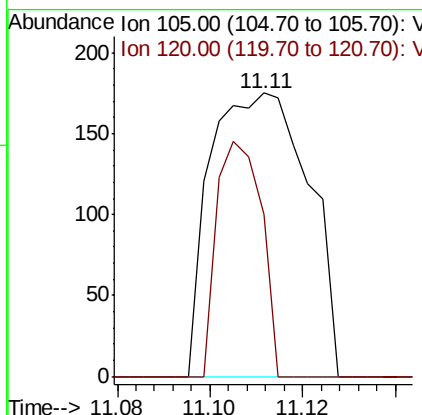
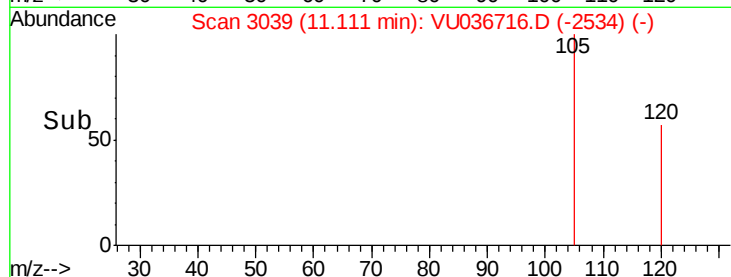
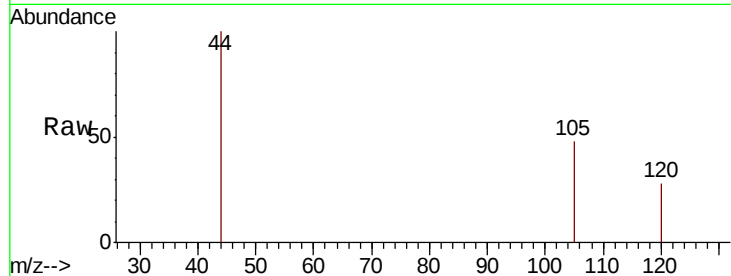




#63
 1,2,4-Trimethylbenzene
 Concen: 0.042 ug/L
 RT: 11.11 min Scan# 3039
 Delta R.T. -0.38 min
 Lab File: VU036716.D
 Acq: 11 Feb 2020 10:53

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:105 Resp: 257
 Ion Ratio Lower Upper
 105 100
 120 37.7 34.7 52.1



#71
 Naphthalene
 Concen: 0.353 ug/L
 RT: 14.10 min Scan# 3969
 Delta R.T. 0.00 min
 Lab File: VU036716.D
 Acq: 11 Feb 2020 10:53

Tgt Ion:128 Resp: 2178
 Ion Ratio Lower Upper
 128 100
 127 8.2 10.6 16.0#
 129 6.3 8.5 12.7#

