

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021120\
 Data File : VU036717.D
 Acq On : 11 Feb 2020 11:16
 Operator : JC/MD
 Sample : VU0211MBL06
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 02:34:31 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	249670	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	235280	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	95078	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	62358	37.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.90%
7) Chloroethane-d5	1.93	69	63932	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.82%
11) 1,1-Dichloroethene-d2	2.59	63	92912	29.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.12%#
21) 2-Butanone-d5	4.68	46	143756	101.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.20%
24) Chloroform-d	5.11	84	130935	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
26) 1,2-Dichloroethane-d4	5.75	65	97962	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.77	84	282106	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.73	67	96864	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.34%
41) Toluene-d8	7.93	98	251938	44.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.96%
43) trans-1,3-Dichloropropene-	8.21	79	43881	44.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.26%
47) 2-Hexanone-d5	8.67	63	118773	101.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.35%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	149221	49.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.62%
66) 1,2-Dichlorobenzene-d4	12.22	152	85208	49.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.66%

Target Compounds

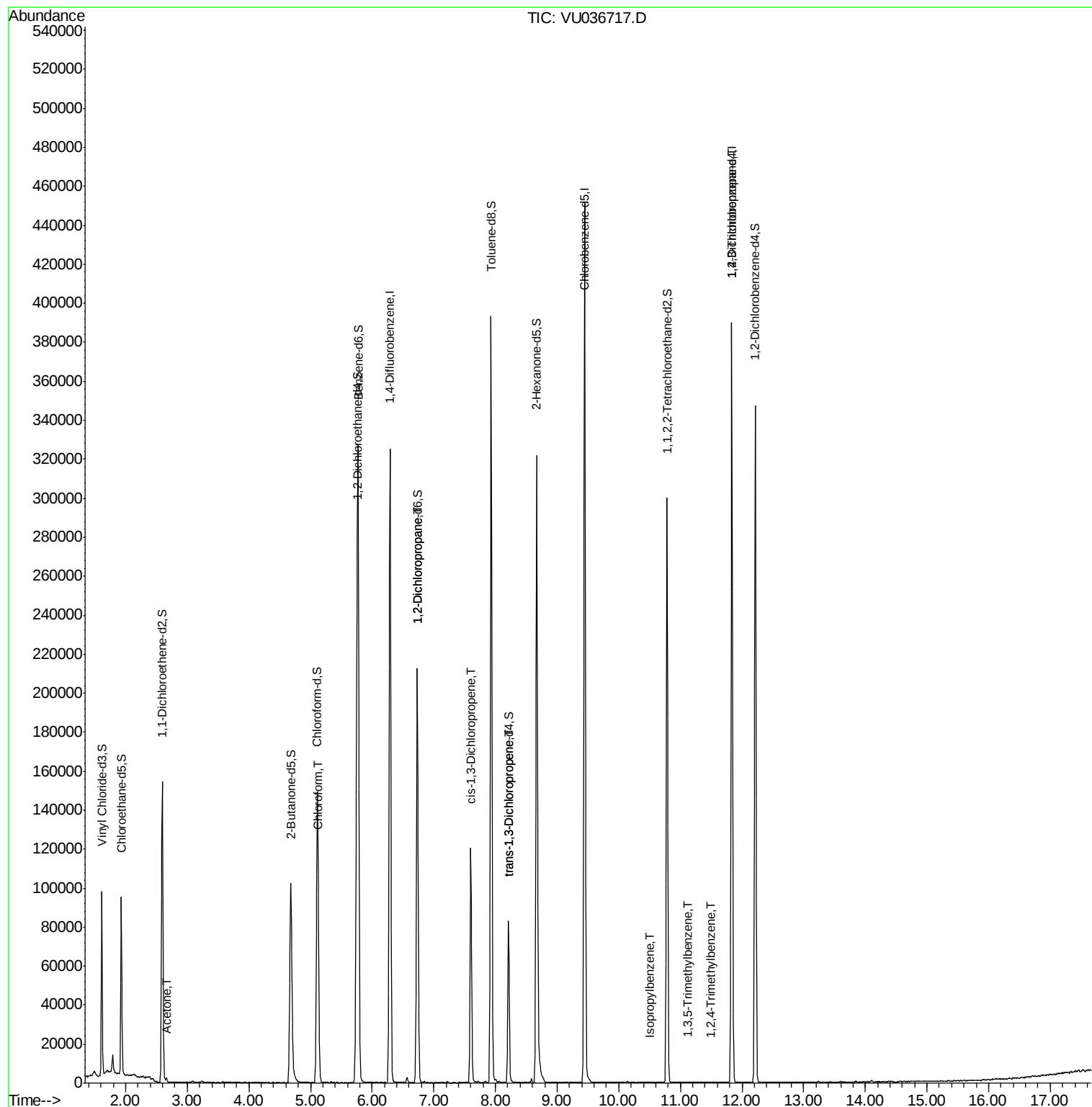
					Ovalue
13) Acetone	2.66	43	2562	1.698 ug/L	94
25) Chloroform	5.13	83	6871	2.185 ug/L	91
37) 1,2-Dichloropropane	6.73	63	11183	5.828 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2900	0.946 ug/L #	46
44) trans-1,3-Dichloropropene	8.21	75	1814	0.677 ug/L #	58
60) 1,2,3-Trichloropropane	11.83	75	13877	6.205 ug/L #	68
61) Isopropylbenzene	10.51	105	174	0.025 ug/L #	55
62) 1,3,5-Trimethylbenzene	11.11	105	146	0.024 ug/L #	30
63) 1,2,4-Trimethylbenzene	11.49	105	249	0.041 ug/L #	32

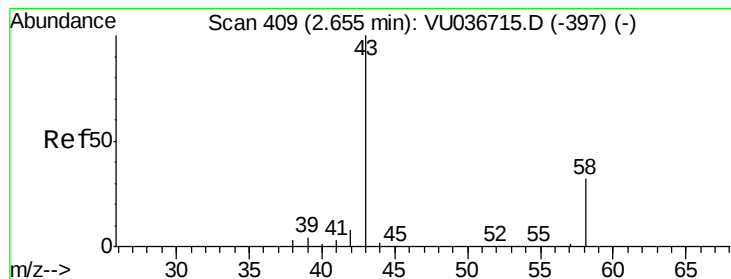
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 12 02:32:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.698 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU036717.D

Acq: 11 Feb 2020 11:16

Instrument :

MSVOA_U

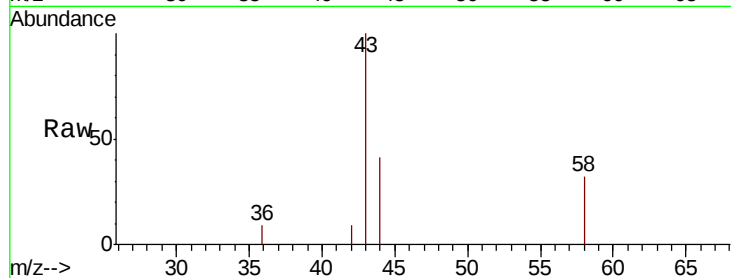
ClientSampled :

Tot Ion: 43 Resp: 2562

Ion Ratio Lower Upper

43 100

58 28.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU036717.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036717.D (-316) (-)

2.66

1500

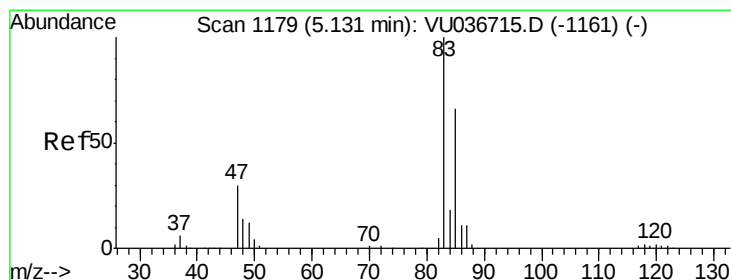
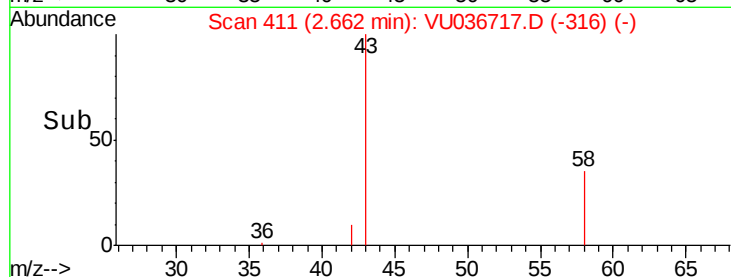
1000

500

0

2.60 2.65 2.70

Time-->



#25

Chloroform

Concen: 2.185 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036717.D

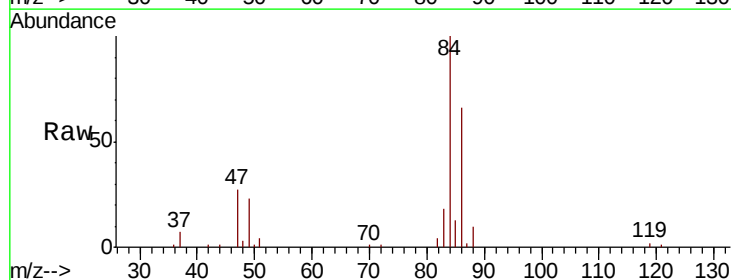
Acq: 11 Feb 2020 11:16

Tgt Ion: 83 Resp: 6871

Ion Ratio Lower Upper

83 100

85 70.4 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VU036717.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036717.D (-1086) (-)

5.13

3000

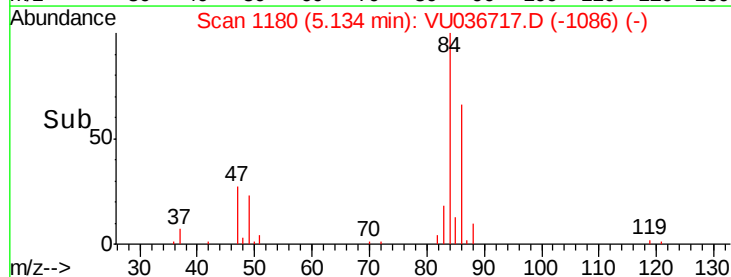
2000

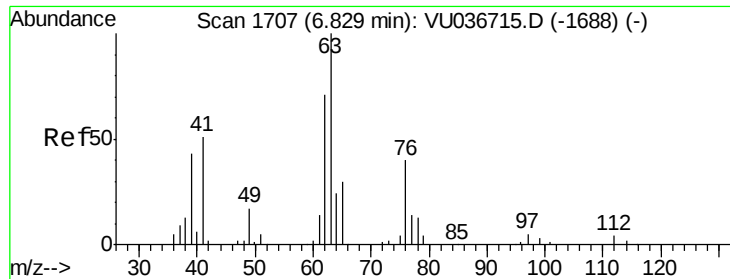
1000

0

5.10 5.15 5.20

Time-->

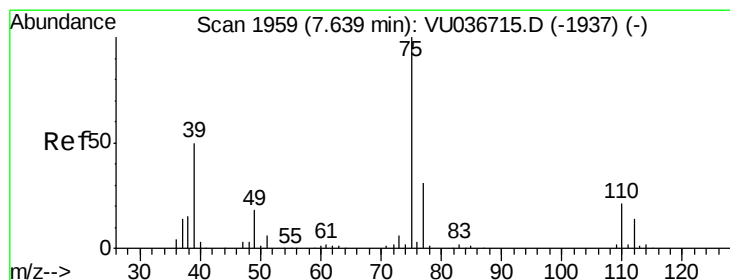
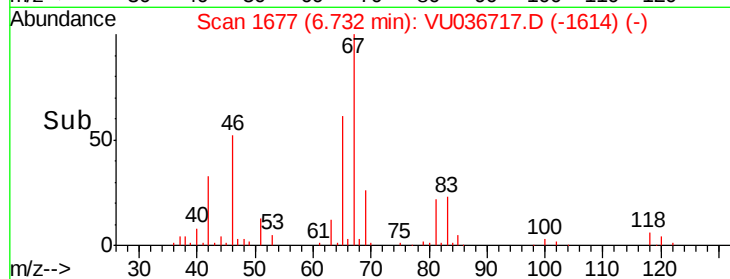
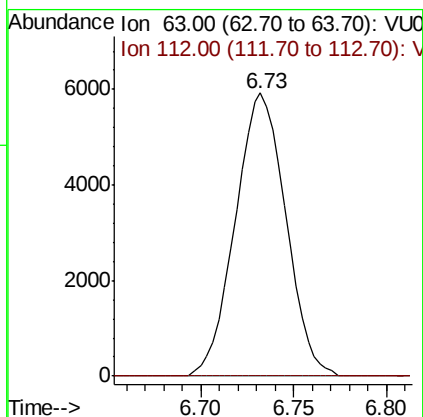
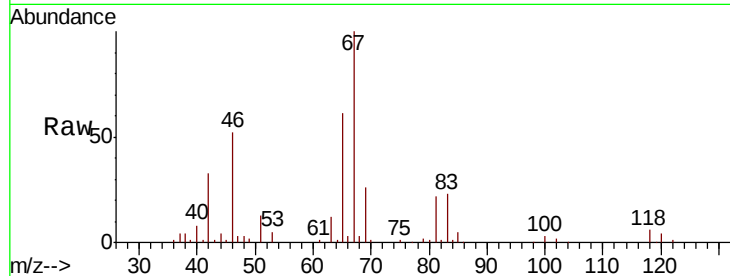




#37
 1,2-Dichloropropane
 Concen: 5.828 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036717.D
 Acq: 11 Feb 2020 11:16

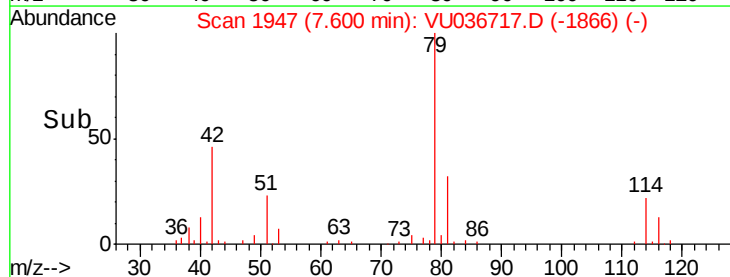
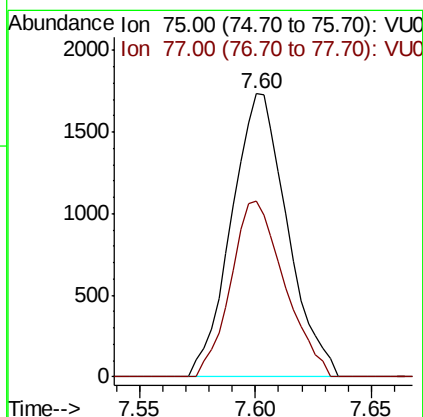
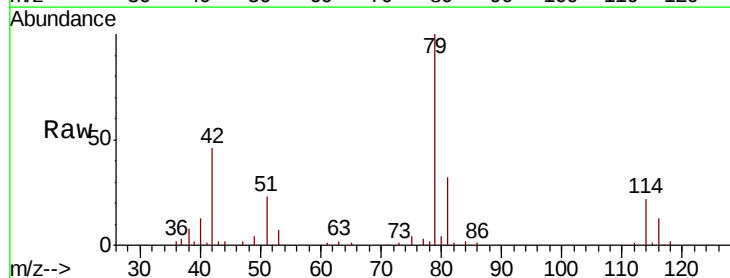
Instrument :
 MSVOA_U
 ClientSampleId :

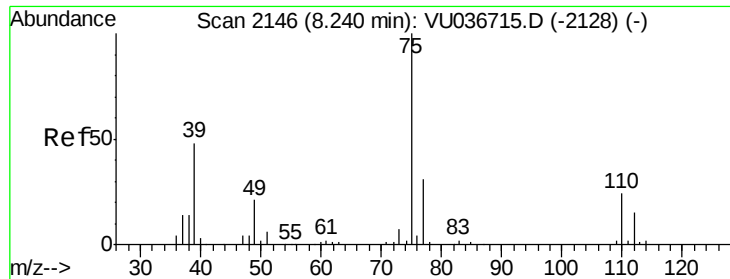
Tot Ion: 63 Resp: 11183
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.946 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036717.D
 Acq: 11 Feb 2020 11:16

Tgt Ion: 75 Resp: 2900
 Ion Ratio Lower Upper
 75 100
 77 62.1 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.677 ug/L

RT: 8.21 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU036717.D

Acq: 11 Feb 2020 11:16

Instrument :

MSVOA_U

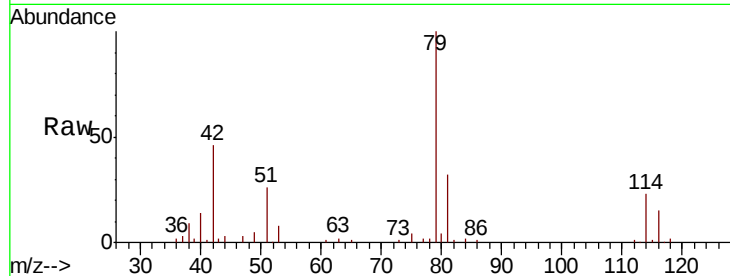
ClientSampleId :

Tot Ion: 75 Resp: 1814

Ion Ratio Lower Upper

75 100

77 55.9 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036717.D (-2128) (-)

Ion 77.00 (76.70 to 77.70): VU036717.D (-2128) (-)

8.21

1000

800

600

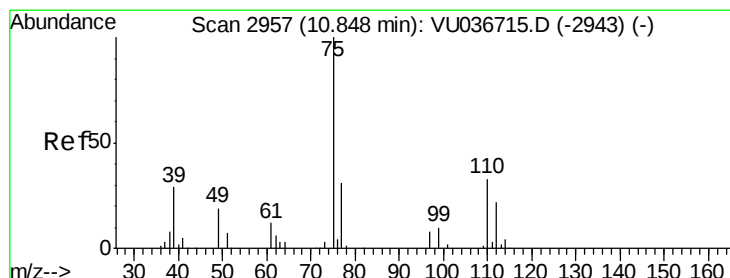
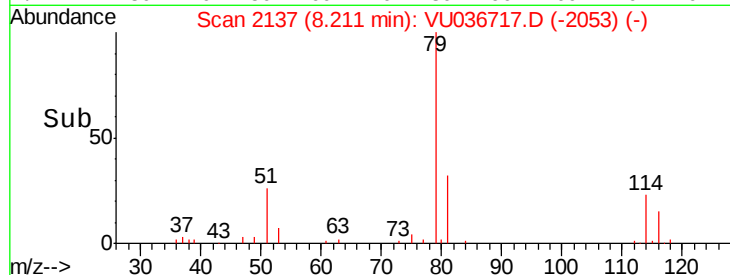
400

200

0

8.20 8.25

Time-->



#60

1,2,3-Trichloropropane

Concen: 6.205 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036717.D

Acq: 11 Feb 2020 11:16

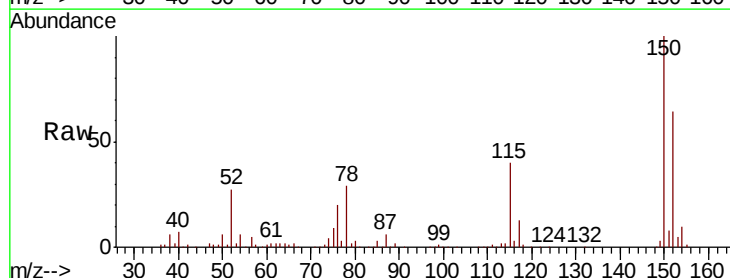
Tgt Ion: 75 Resp: 13877

Ion Ratio Lower Upper

75 100

77 37.1 26.1 39.1

110 2.2 26.9 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VU036717.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU036717.D (-2943) (-)

Ion 110.00 (109.70 to 110.70): VU036717.D (-2943) (-)

11.83

10000

8000

6000

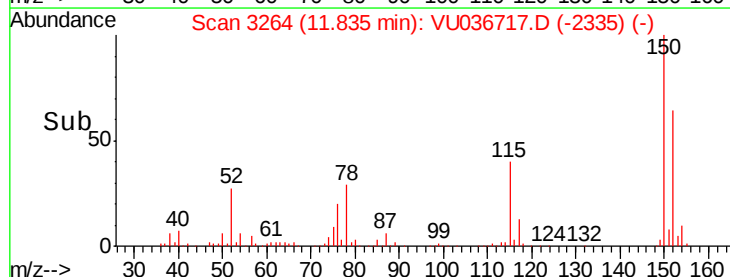
4000

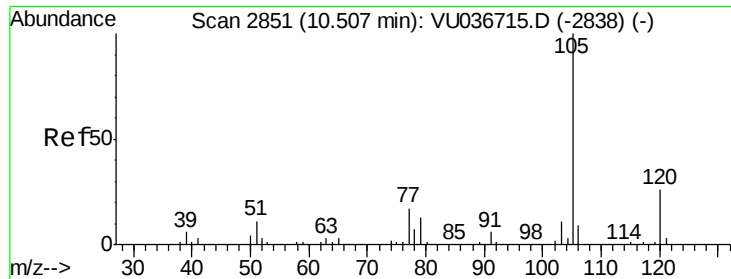
2000

0

11.80 11.85

Time-->





#61

Isopropylbenzene

Concen: 0.025 ug/L

RT: 10.51 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VU036717.D

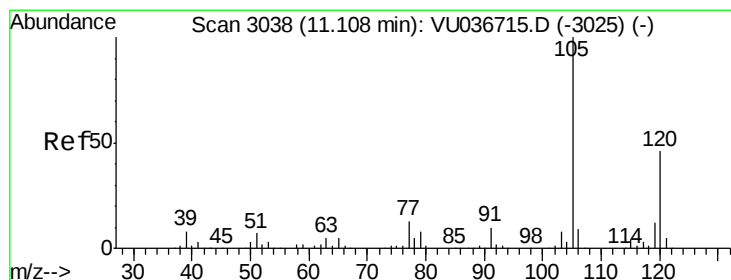
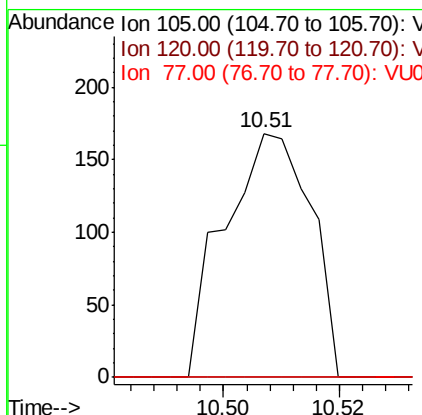
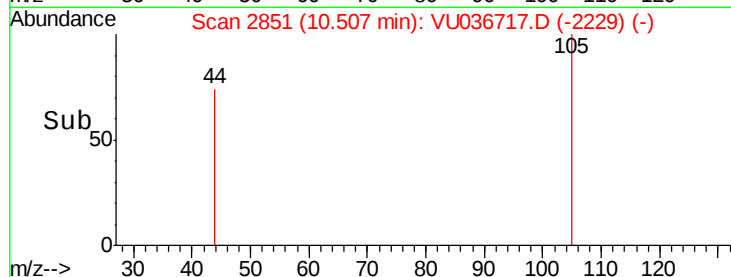
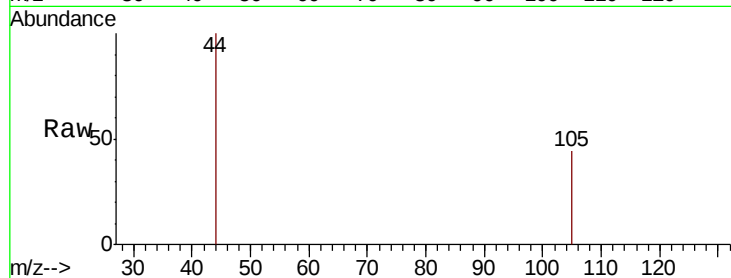
Acq: 11 Feb 2020 11:16

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	105	Resp:	174
Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.2	30.4#
77	0.0	13.0	19.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.024 ug/L

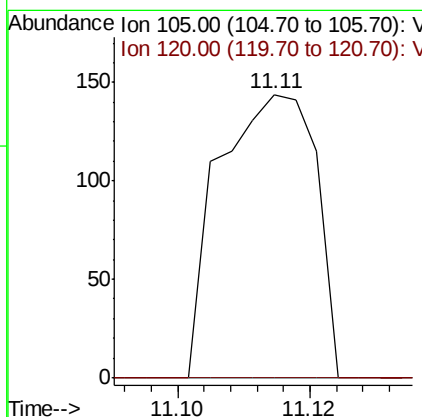
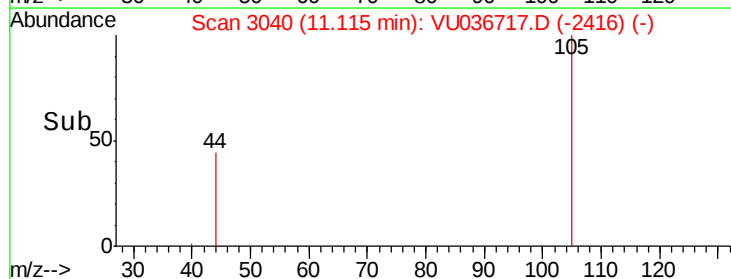
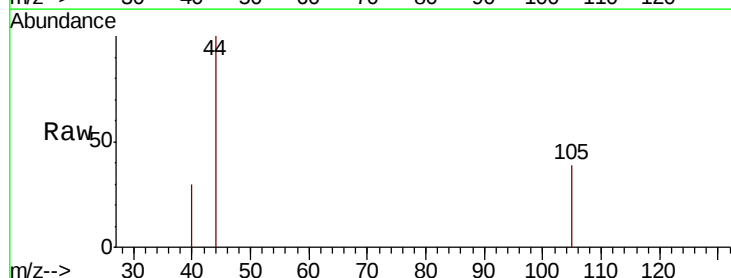
RT: 11.11 min Scan# 3040

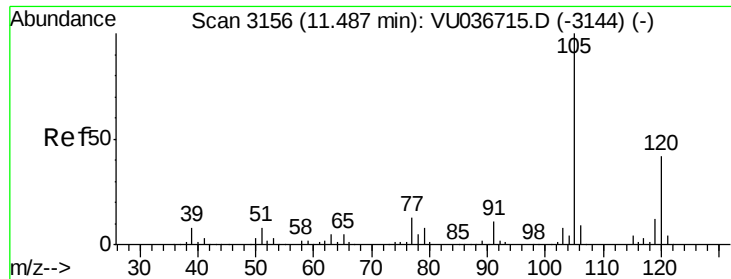
Delta R.T. 0.01 min

Lab File: VU036717.D

Acq: 11 Feb 2020 11:16

Tgt Ion:	105	Resp:	146
Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.1	55.7#





#63

1,2,4-Trimethylbenzene

Concen: 0.041 ug/L

RT: 11.49 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU036717.D

Acq: 11 Feb 2020 11:16

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:105 Resp: 249

Ion Ratio Lower Upper

105 100

120 0.0 34.7 52.1#

