

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036484.D
 Acq On : 15 Jan 2020 22:09
 Operator : JC/MD
 Sample : L1109-05
 Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:54:57 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	514277	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	494062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	254696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142928	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.74%
7) Chloroethane-d5	1.97	69	173	0.06	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.62	63	298	0.05	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.10%#
21) 2-Butanone-d5	4.69	46	233470	81.44	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.44%
24) Chloroform-d	5.11	84	312205	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
26) 1,2-Dichloroethane-d4	5.74	65	213443	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
32) Benzene-d6	5.76	84	637436	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.73	67	208792	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.38%
41) Toluene-d8	7.93	98	600354	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%
43) trans-1,3-Dichloropropene-	8.21	79	106784	47.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.34%
47) 2-Hexanone-d5	8.68	63	240855	111.85	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.85%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	322559	51.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.06%
64) 1,2-Dichlorobenzene-d4	12.22	152	242174	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%

Target Compounds

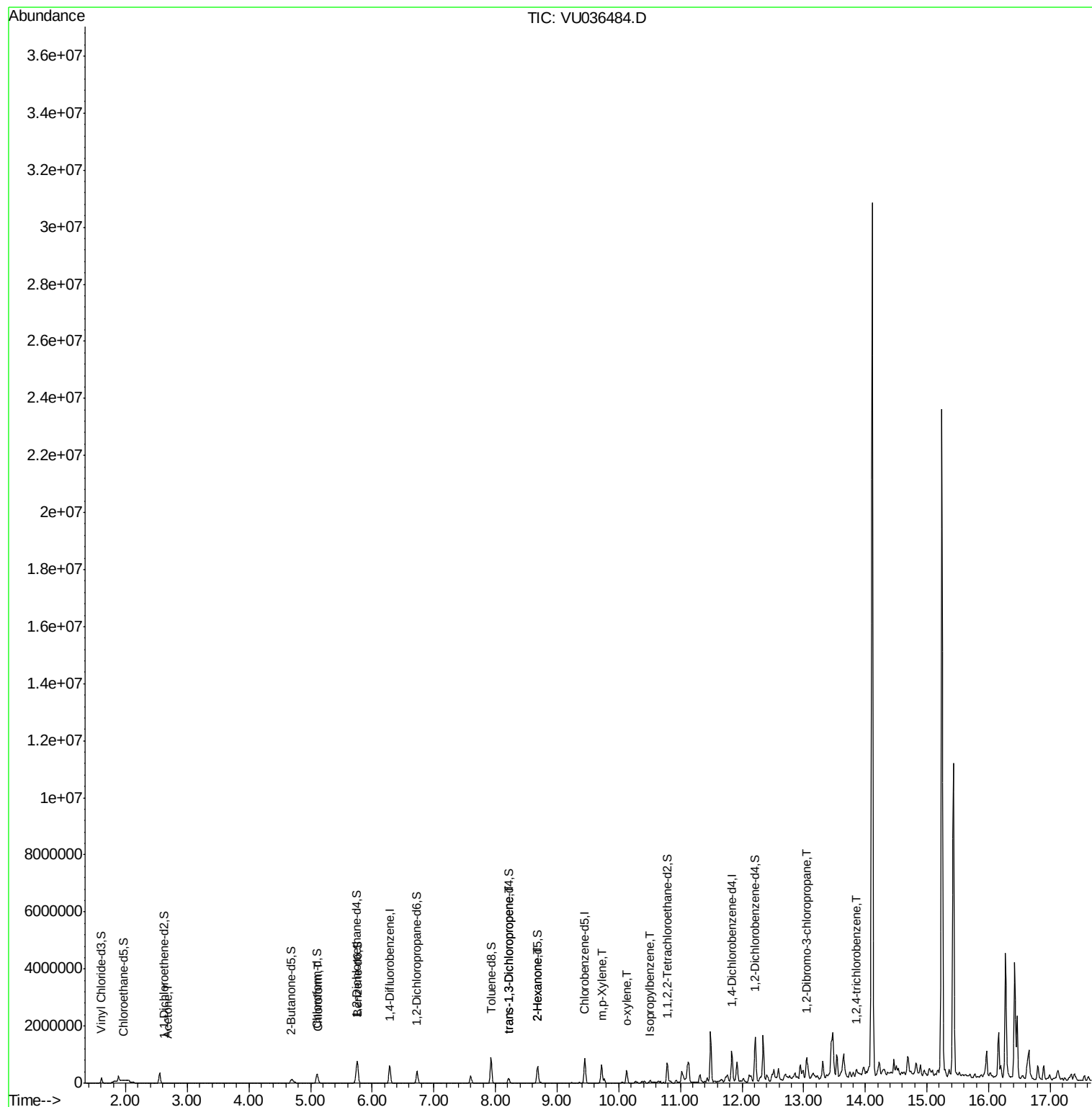
					Ovalue
13) Acetone	2.69	43	5848	1.885	ug/L 94
25) Chloroform	5.13	83	9231	1.376	ug/L 96
44) trans-1,3-Dichloropropene	8.22	75	5882	1.042	ug/L 89
48) 2-Hexanone	8.68	43	28992	6.056	ug/L # 68
53) m,p-Xylene	9.72	106	187798	29.160	ug/L 97
54) o-xylene	10.13	106	122129	18.995	ug/L 96
56) Isopropylbenzene	10.51	105	59697	3.618	ug/L 97
66) 1,2-Dibromo-3-chloropropan	13.04	75	6579	3.782	ug/L # 8
68) 1,2,4-trichlorobenzene	13.86	180	3141	0.879	ug/L # 1

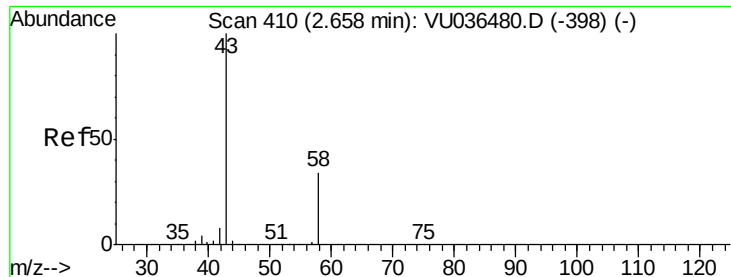
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036484.D
Acq On : 15 Jan 2020 22:09
Operator : JC/MD
Sample : L1109-05
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 16 06:54:57 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





#13

Acetone

Concen: 1.885 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.03 min

Lab File: VU036484.D

Acq: 15 Jan 2020 22:09

Instrument :

MSVOA_U

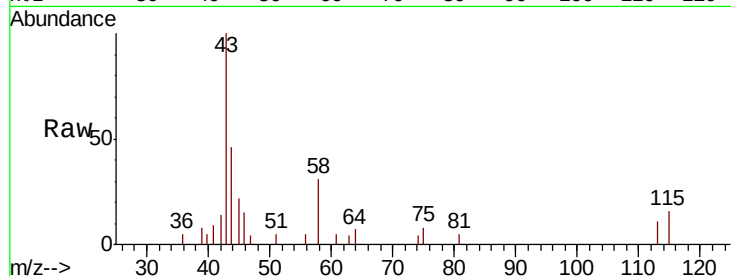
ClientSampled :

Tot Ion: 43 Resp: 5848

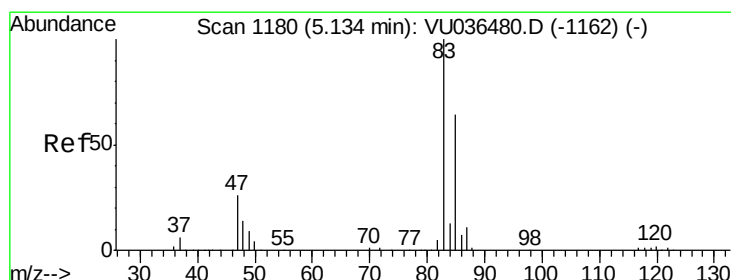
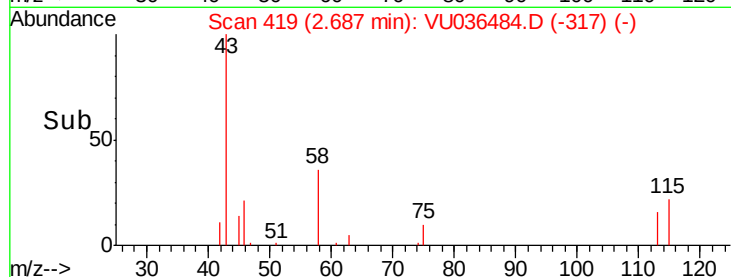
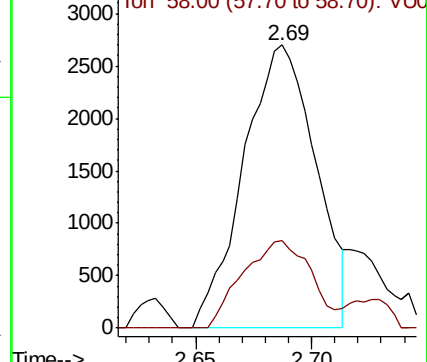
Ion Ratio Lower Upper

43 100

58 29.1 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU036484.D (-419) (-)



#25

Chloroform

Concen: 1.376 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VU036484.D

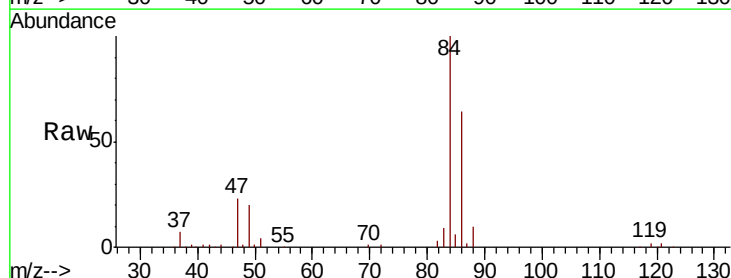
Acq: 15 Jan 2020 22:09

Tgt Ion: 83 Resp: 9231

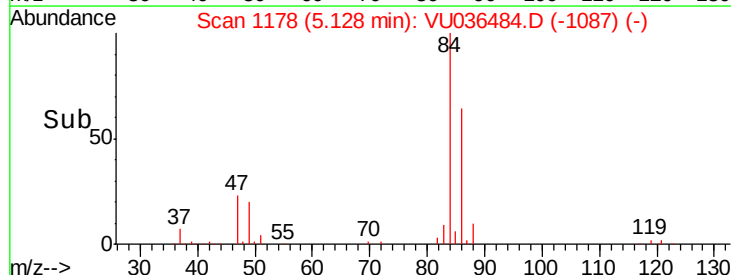
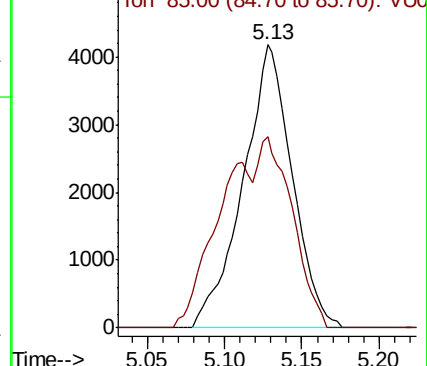
Ion Ratio Lower Upper

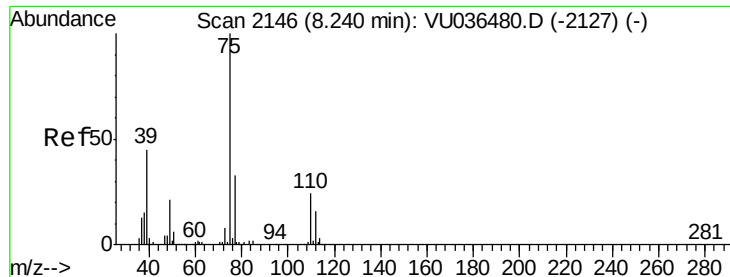
83 100

85 67.4 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU036484.D (-1178) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.042 ug/L

RT: 8.22 min Scan# 2139

Delta R.T. -0.02 min

Lab File: VU036484.D

Acq: 15 Jan 2020 22:09

Instrument :

MSVOA_U

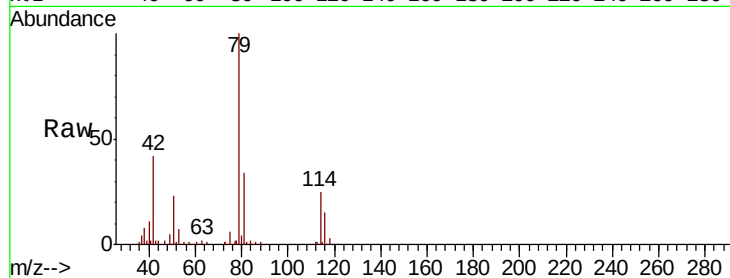
ClientSampleId :

Tot Ion: 75 Resp: 5882

Ion Ratio Lower Upper

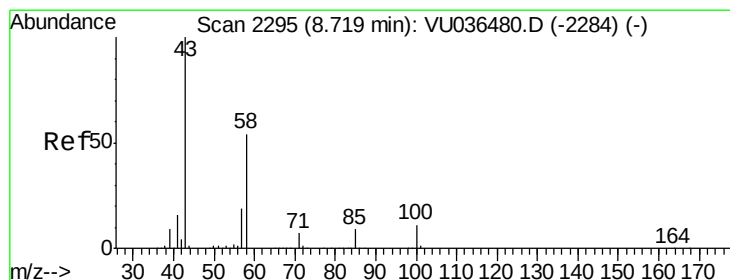
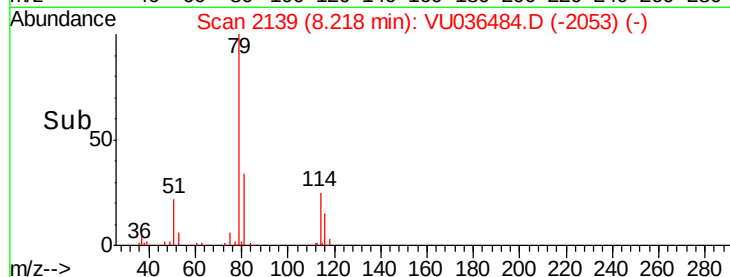
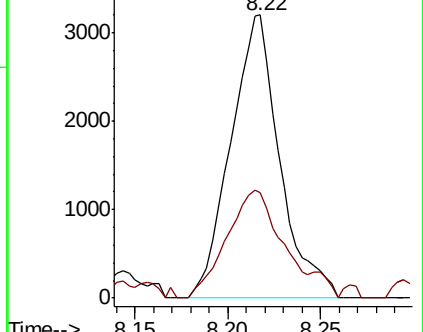
75 100

77 37.2 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU036484.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU036484.D (-2127) (-)



#48

2-Hexanone

Concen: 6.056 ug/L

RT: 8.68 min Scan# 2284

Delta R.T. -0.04 min

Lab File: VU036484.D

Acq: 15 Jan 2020 22:09

Tgt Ion: 43 Resp: 28992

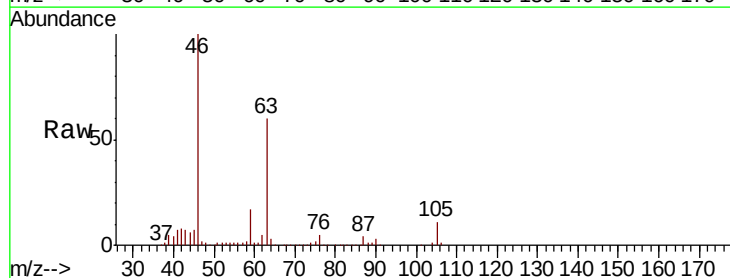
Ion Ratio Lower Upper

43 100

58 24.2 43.7 65.5#

57 16.9 14.7 22.1

100 0.0 9.4 14.0#

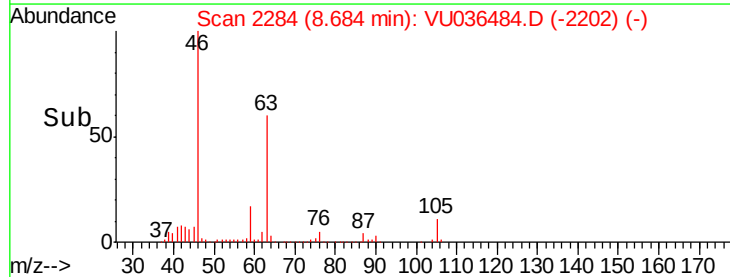
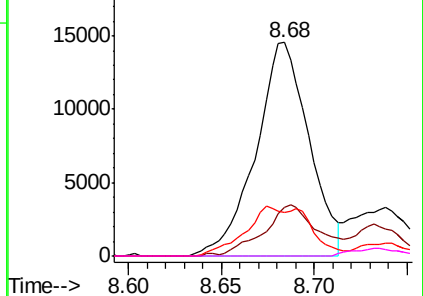


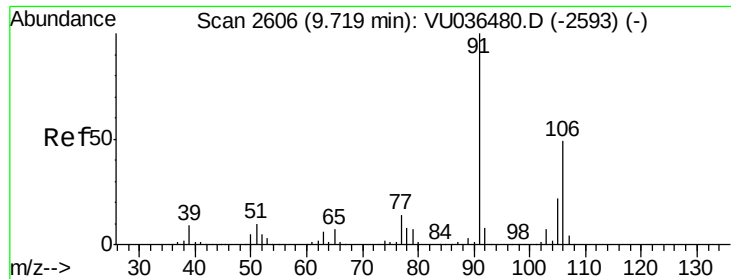
Abundance Ion 43.00 (42.70 to 43.70): VU036484.D (-2284) (-)

Ion 58.00 (57.70 to 58.70): VU036484.D (-2284) (-)

Ion 57.00 (56.70 to 57.70): VU036484.D (-2284) (-)

Ion 100.00 (99.70 to 100.70): VU036484.D (-2284) (-)





#53

m,p-Xylene

Concen: 29.160 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VU036484.D

Acq: 15 Jan 2020 22:09

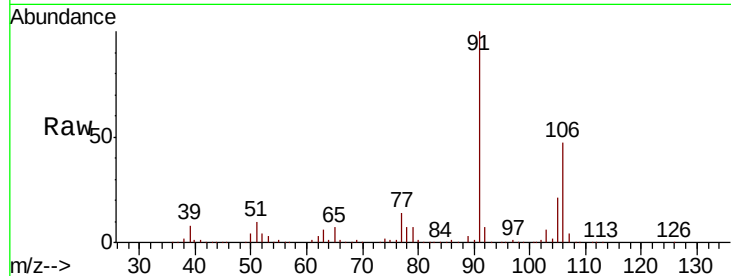
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 187798

Ion Ratio Lower Upper

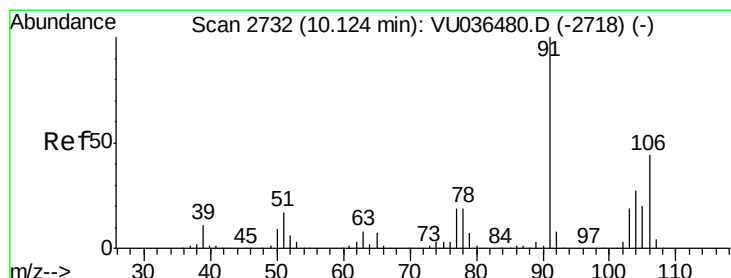
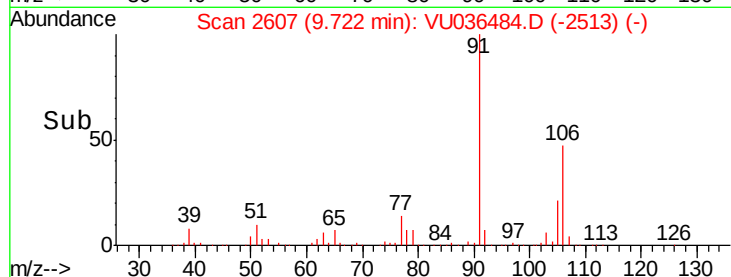
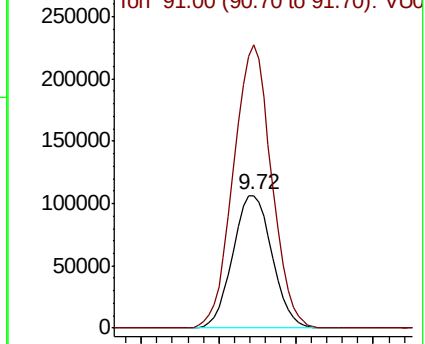
106 100

91 212.8 145.9 270.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 18.995 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. 0.01 min

Lab File: VU036484.D

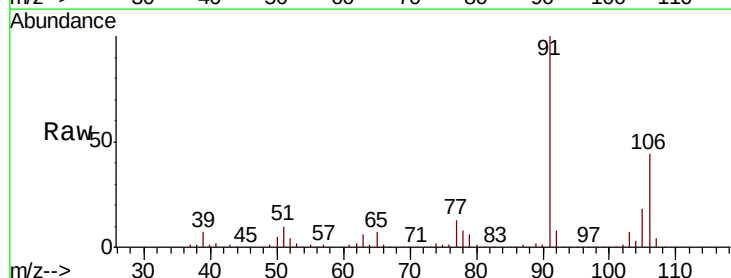
Acq: 15 Jan 2020 22:09

Tgt Ion:106 Resp: 122129

Ion Ratio Lower Upper

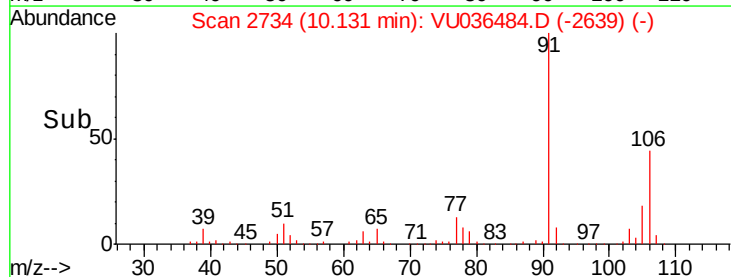
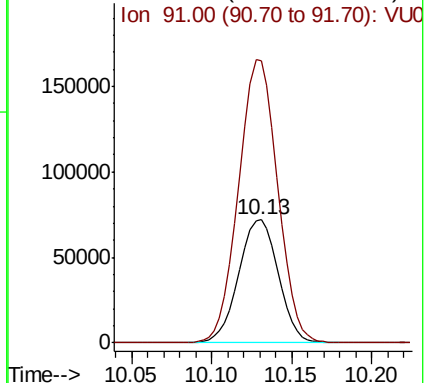
106 100

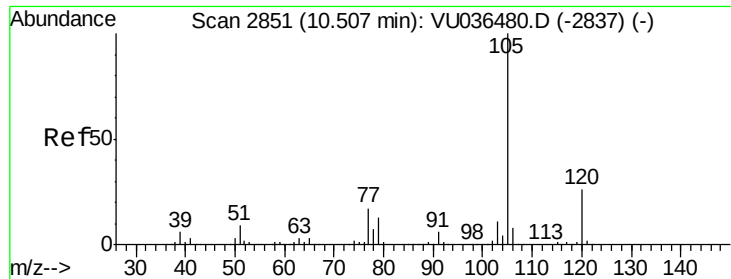
91 229.6 156.4 290.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 3.618 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU036484.D

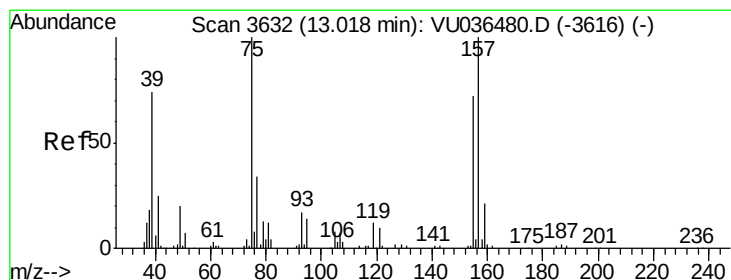
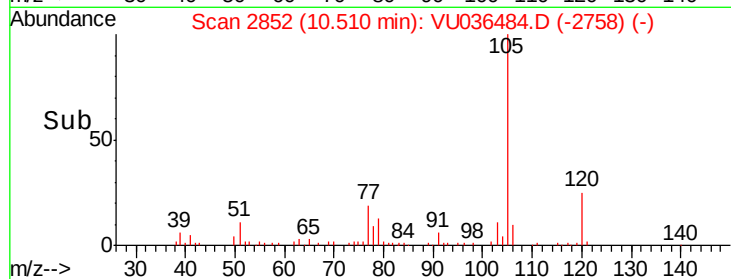
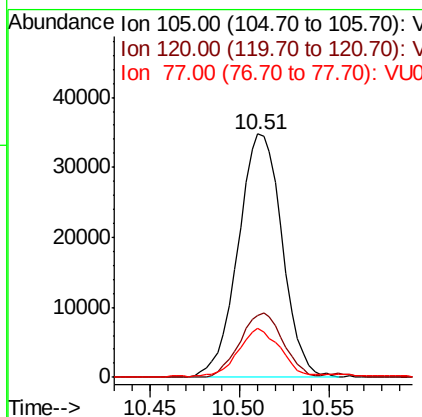
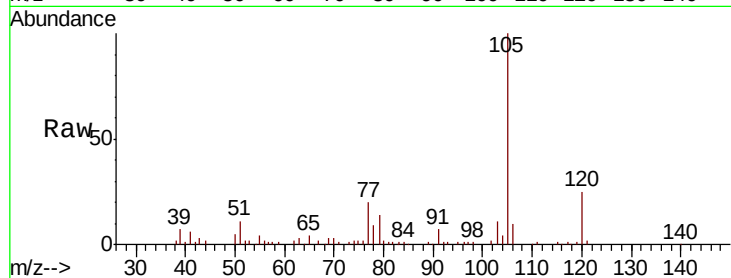
Acq: 15 Jan 2020 22:09

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	105	Resp:	59697
Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.5	32.3
77	18.7	13.4	20.2



#66

1,2-Dibromo-3-chloropropane

Concen: 3.782 ug/L

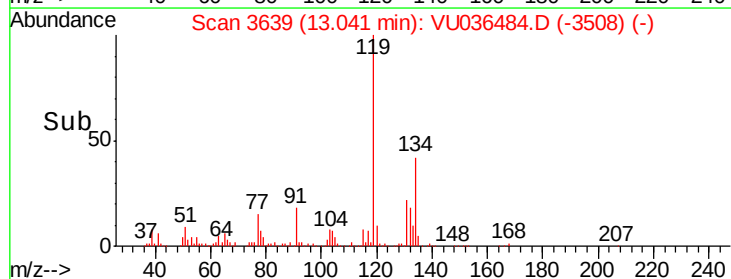
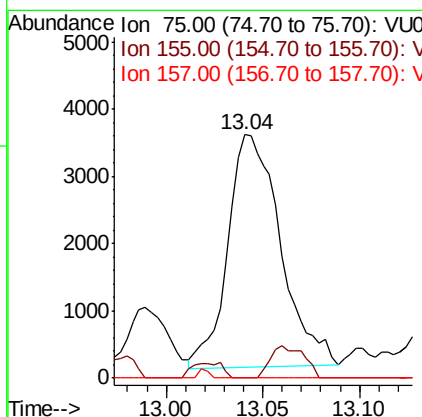
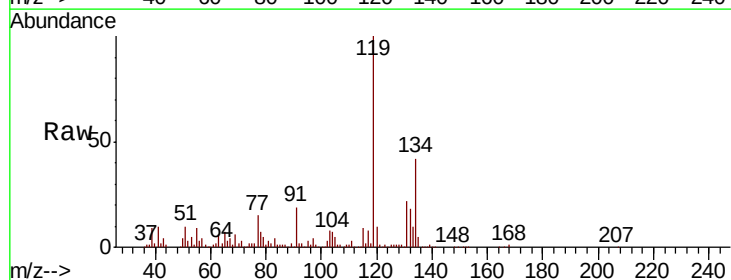
RT: 13.04 min Scan# 3639

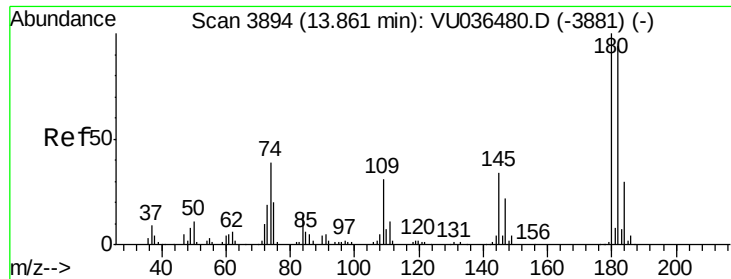
Delta R.T. 0.02 min

Lab File: VU036484.D

Acq: 15 Jan 2020 22:09

Tgt Ion:	75	Resp:	6579
Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.1	88.7#
157	0.0	72.7	109.1#





#68
 1,2,4-trichlorobenzene
 Concen: 0.879 ug/L
 RT: 13.86 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU036484.D
 Acq: 15 Jan 2020 22:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 3141
 Ion Ratio Lower Upper
 180 100
 182 59.0 74.1 111.1#
 145 434.8 26.6 40.0#

