

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036487.D
 Acq On : 15 Jan 2020 23:24
 Operator : JC/MD
 Sample : L1109-11DL 4X
 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 06:55:22 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	546177	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	549829	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	286086	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151310	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.46%
7) Chloroethane-d5	1.90	69	139223	45.42	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.84%
11) 1,1-Dichloroethene-d2	2.58	63	227999	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	4.68	46	292165	95.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.97%
24) Chloroform-d	5.11	84	315743	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
26) 1,2-Dichloroethane-d4	5.74	65	217968	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
32) Benzene-d6	5.77	84	660001	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.73	67	211271	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.36%
41) Toluene-d8	7.93	98	639061	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%
43) trans-1,3-Dichloropropene-	8.21	79	116578	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.67	63	263776	110.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.07%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	346833	49.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.62%
64) 1,2-Dichlorobenzene-d4	12.21	152	271504	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%

Target Compounds

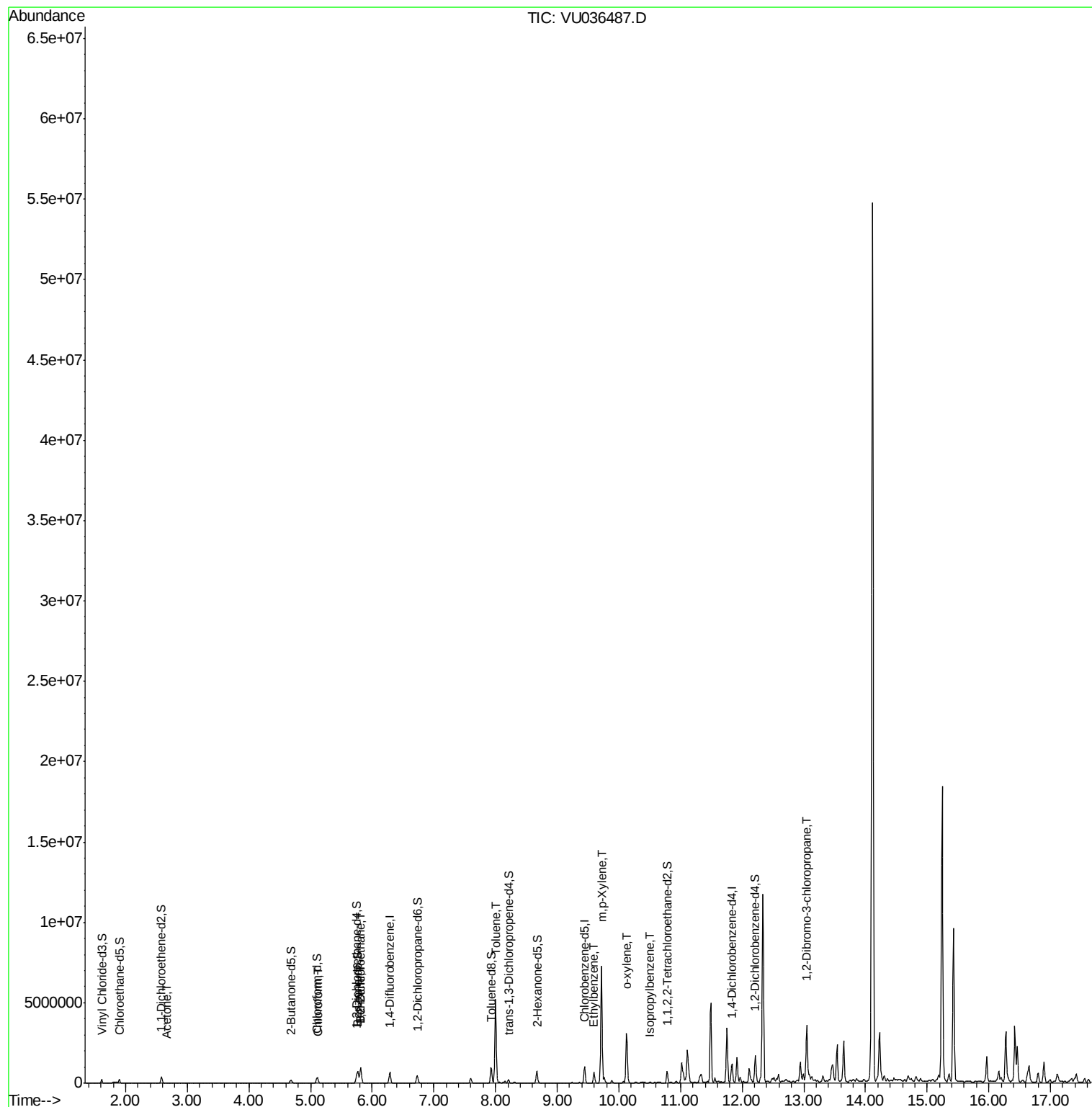
					Ovalue
13) Acetone	2.66	43	6442	1.955	ug/L 96
25) Chloroform	5.13	83	13662	1.917	ug/L 97
27) 1,2-Dichloroethane	5.81	62	7925	1.404	ug/L # 77
33) Benzene	5.81	78	900383	56.990	ug/L 100
42) Toluene	8.00	91	3689383	214.999	ug/L 99
52) Ethylbenzene	9.60	91	497769	25.971	ug/L 98
53) m,p-Xylene	9.72	106	2029735	283.196	ug/L 99
54) o-xylene	10.12	106	774454	108.237	ug/L 97
56) Isopropylbenzene	10.51	105	34628	1.886	ug/L 98
66) 1,2-Dibromo-3-chloropropan	13.05	75	73131	37.425	ug/L # 8

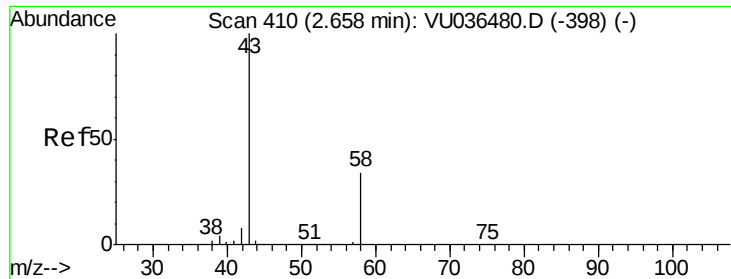
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Jan 16 06:55:22 2020
Quant Method : Z:\V0ASRV\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: 1.955 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036487.D

Acq: 15 Jan 2020 23:24

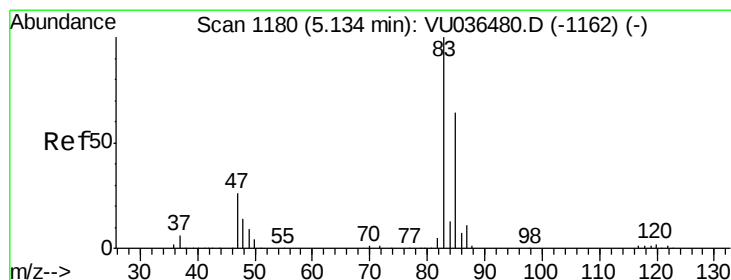
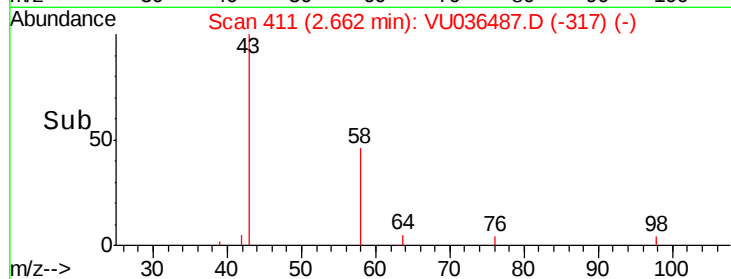
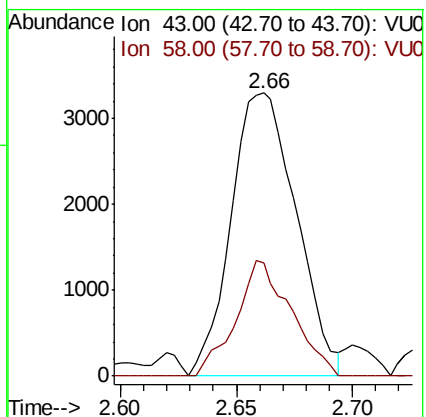
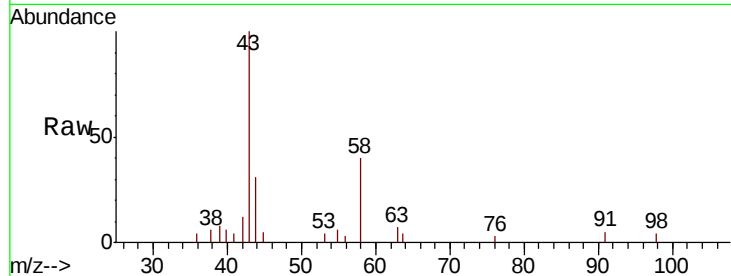
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 6442

Ion Ratio Lower Upper

43 100

58 34.5 0.0 65.0



#25

Chloroform

Concen: 1.917 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036487.D

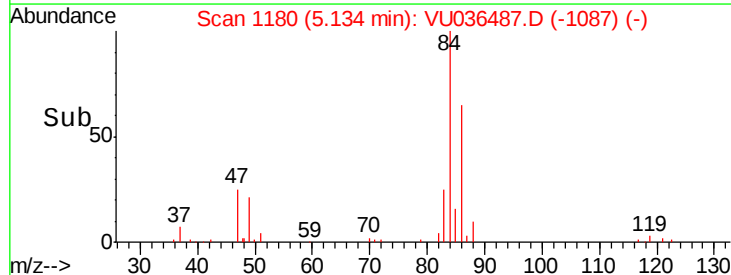
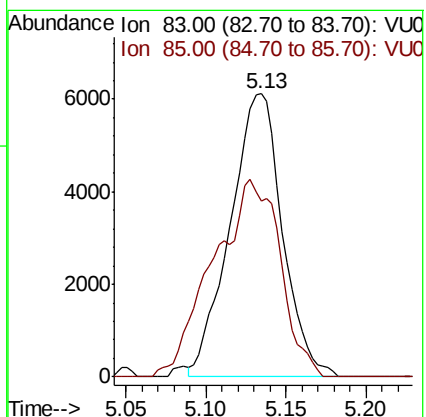
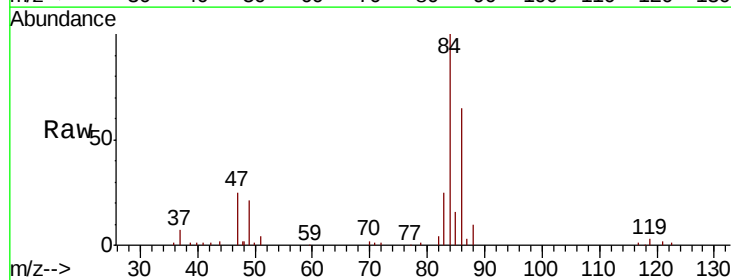
Acq: 15 Jan 2020 23:24

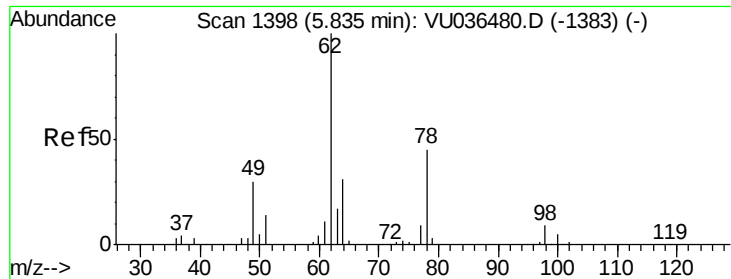
Tgt Ion: 83 Resp: 13662

Ion Ratio Lower Upper

83 100

85 62.3 45.1 83.9

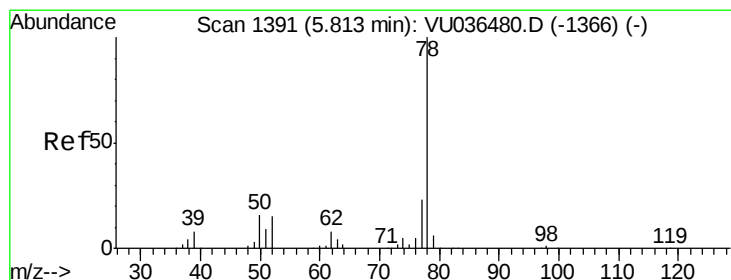
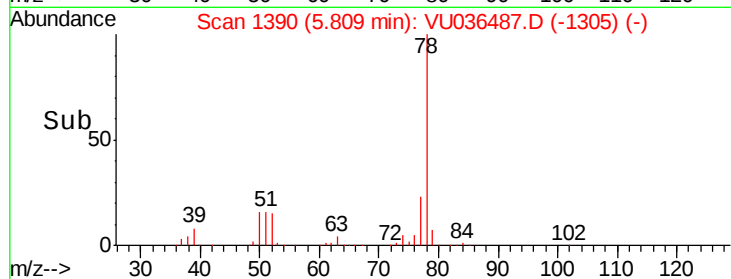
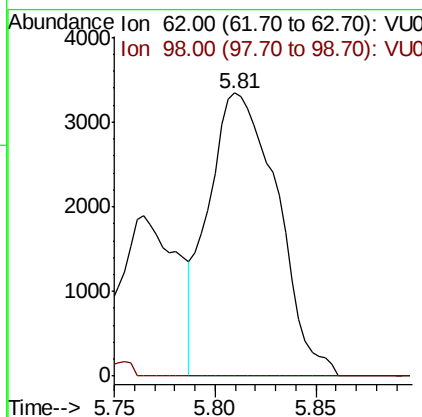
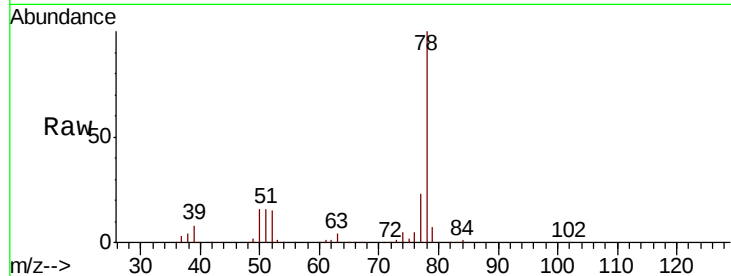




#27
 1,2-Dichloroethane
 Concen: 1.404 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.03 min
 Lab File: VU036487.D
 Acq: 15 Jan 2020 23:24

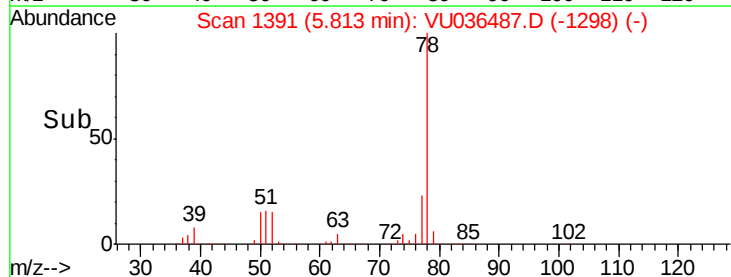
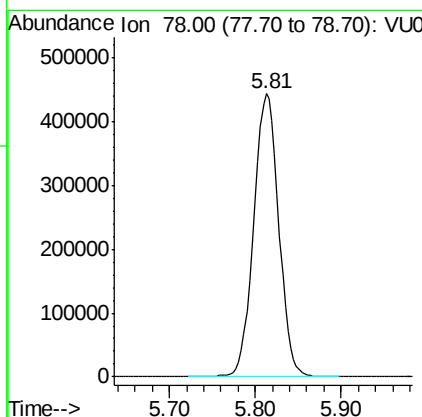
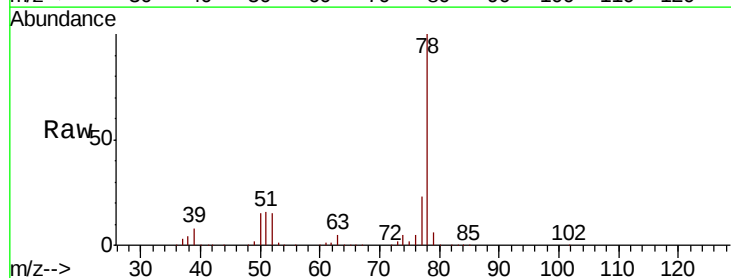
Instrument :
 MSVOA_U
 ClientSampleId :

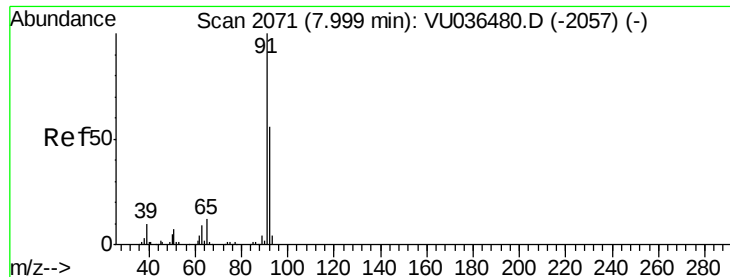
Tot Ion: 62 Resp: 7925
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 9.8#



#33
 Benzene
 Concen: 56.990 ug/L
 RT: 5.81 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VU036487.D
 Acq: 15 Jan 2020 23:24

Tgt Ion: 78 Resp: 900383





#42

Toluene

Concen: 214.999 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VU036487.D

Acq: 15 Jan 2020 23:24

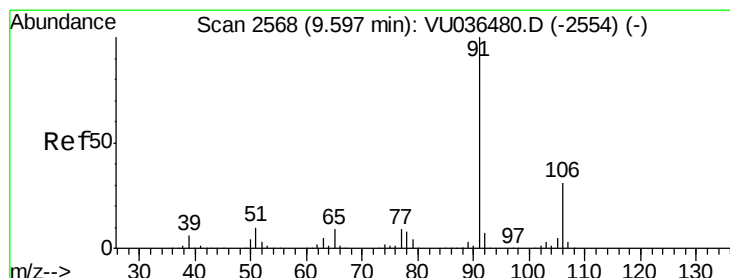
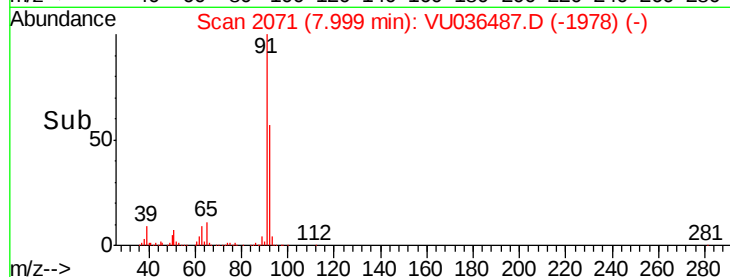
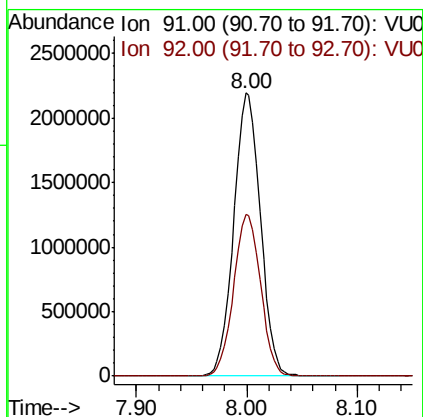
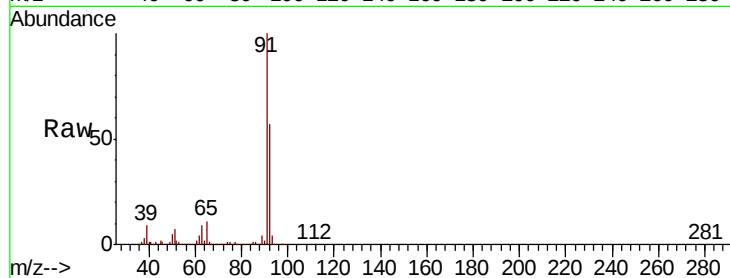
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 3689383

Ion Ratio Lower Upper

91 100

92 57.4 39.5 73.3



#52

Ethylbenzene

Concen: 25.971 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. -0.00 min

Lab File: VU036487.D

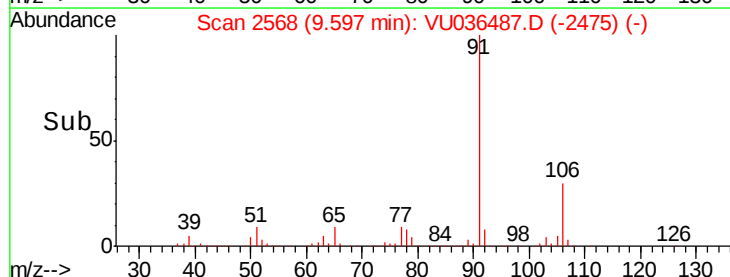
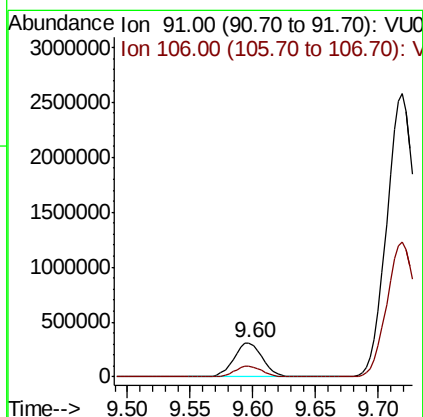
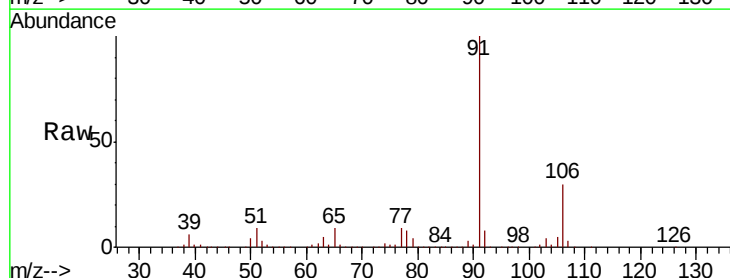
Acq: 15 Jan 2020 23:24

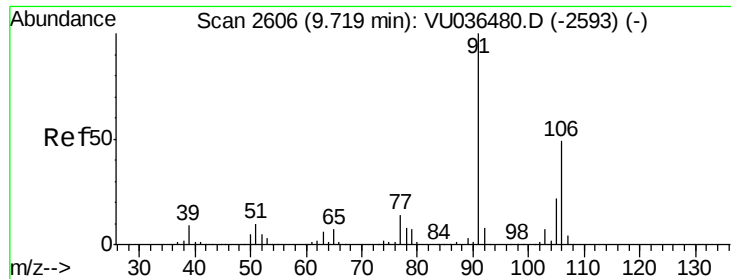
Tgt Ion: 91 Resp: 497769

Ion Ratio Lower Upper

91 100

106 30.4 22.3 41.3

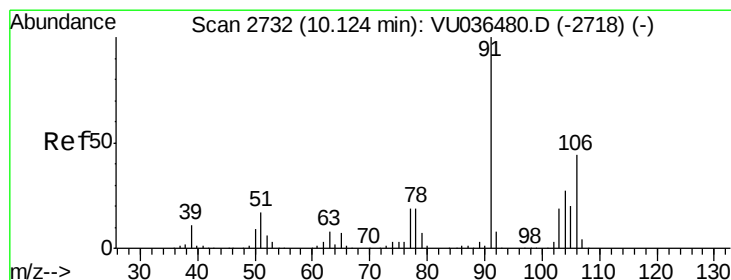
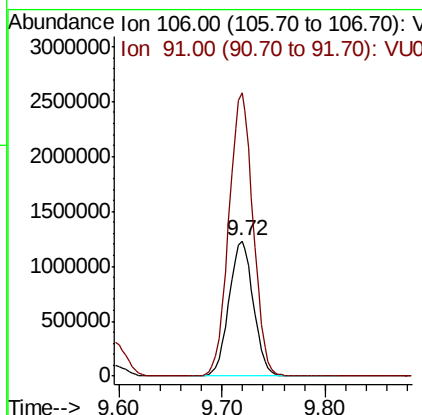
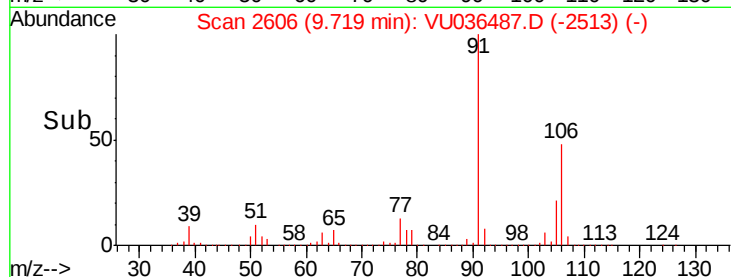
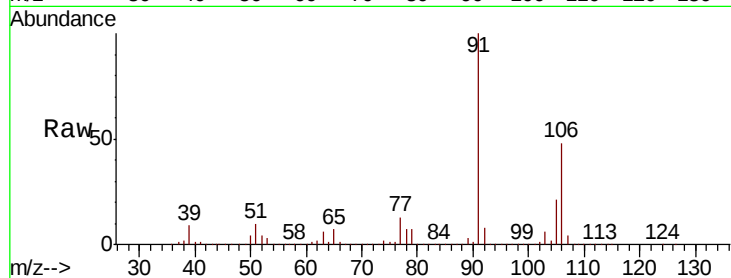




#53
m,p-Xylene
Concen: 283.196 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU036487.D
Acq: 15 Jan 2020 23:24

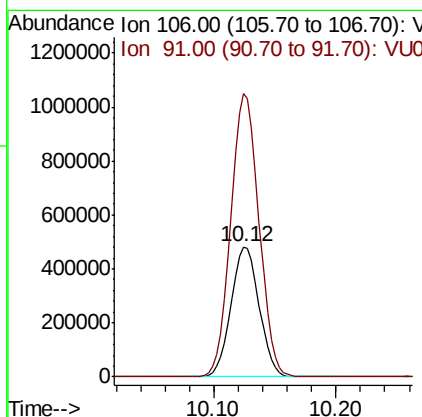
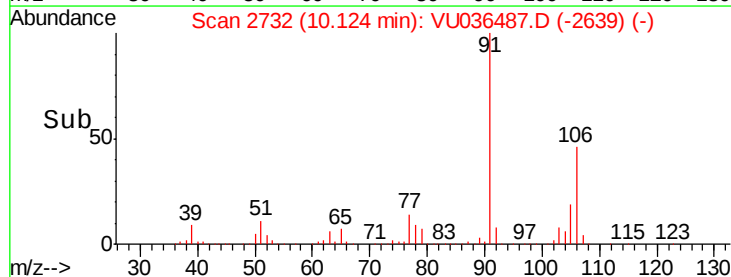
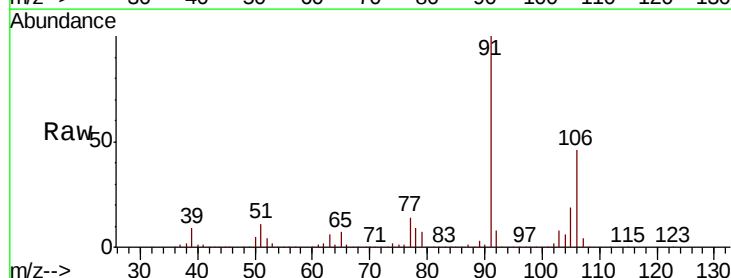
Instrument :
MSVOA_U
ClientSampled :

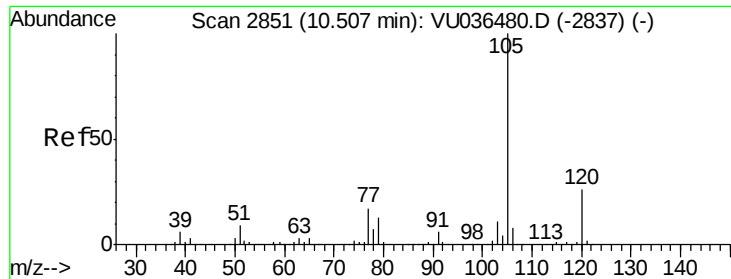
Tot Ion:106 Resp: 2029735
Ion Ratio Lower Upper
106 100
91 209.8 145.9 270.9



#54
o-xylene
Concen: 108.237 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU036487.D
Acq: 15 Jan 2020 23:24

Tgt Ion:106 Resp: 774454
Ion Ratio Lower Upper
106 100
91 217.7 156.4 290.4





#56

Isopropylbenzene

Concen: 1.886 ug/L

RT: 10.51 min Scan# 2851

Delta R.T. -0.00 min

Lab File: VU036487.D

Acq: 15 Jan 2020 23:24

Instrument :

MSVOA_U

ClientSampleId :

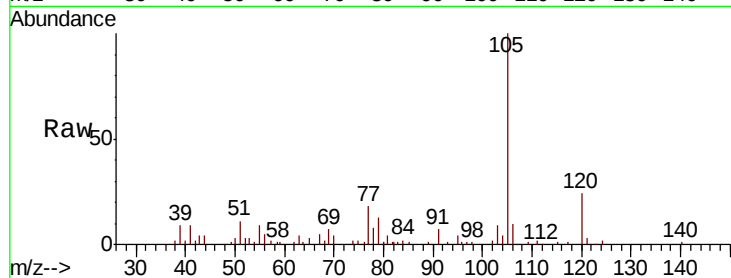
Tot Ion:105 Resp: 34628

Ion Ratio Lower Upper

105 100

120 26.3 21.5 32.3

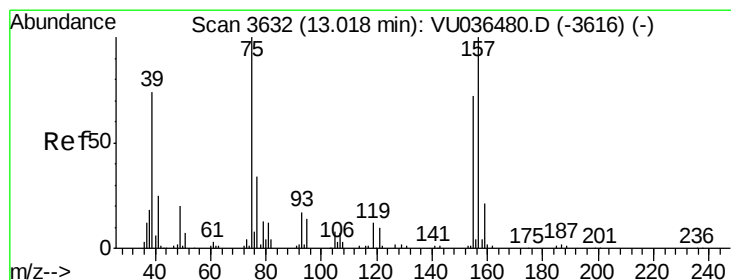
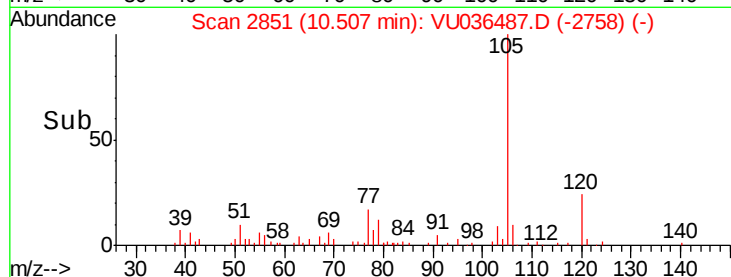
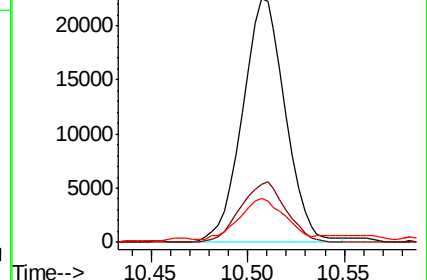
77 17.9 13.4 20.2



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



#66

1,2-Dibromo-3-chloropropane

Concen: 37.425 ug/L

RT: 13.05 min Scan# 3641

Delta R.T. 0.03 min

Lab File: VU036487.D

Acq: 15 Jan 2020 23:24

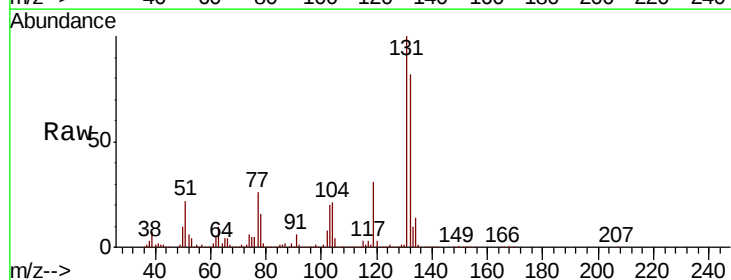
Tgt Ion: 75 Resp: 73131

Ion Ratio Lower Upper

75 100

155 1.1 59.1 88.7#

157 0.0 72.7 109.1#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

