

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122719\
 Data File : VU036359.D
 Acq On : 27 Dec 2019 17:12
 Operator : JC/MD
 Sample : K6397-01
 Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 00:11:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 28 00:08:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	847678	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	827576	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	431320	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	314615	47.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.26%
7) Chloroethane-d5	1.89	69	186640	33.50	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.00%#
11) 1,1-Dichloroethene-d2	2.56	63	443397	39.40	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.80%
21) 2-Butanone-d5	4.69	46	390482	79.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.39%
24) Chloroform-d	5.11	84	595379	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.28%
26) 1,2-Dichloroethane-d4	5.74	65	402813	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.40%
32) Benzene-d6	5.76	84	1207979	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
36) 1,2-Dichloropropane-d6	6.73	67	391332	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.93	98	1133869	51.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.54%
43) trans-1,3-Dichloropropene-	8.21	79	221708	52.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.76%
47) 2-Hexanone-d5	8.68	63	415449	104.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.25%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	634069	54.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	476007	52.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.22%

Target Compounds

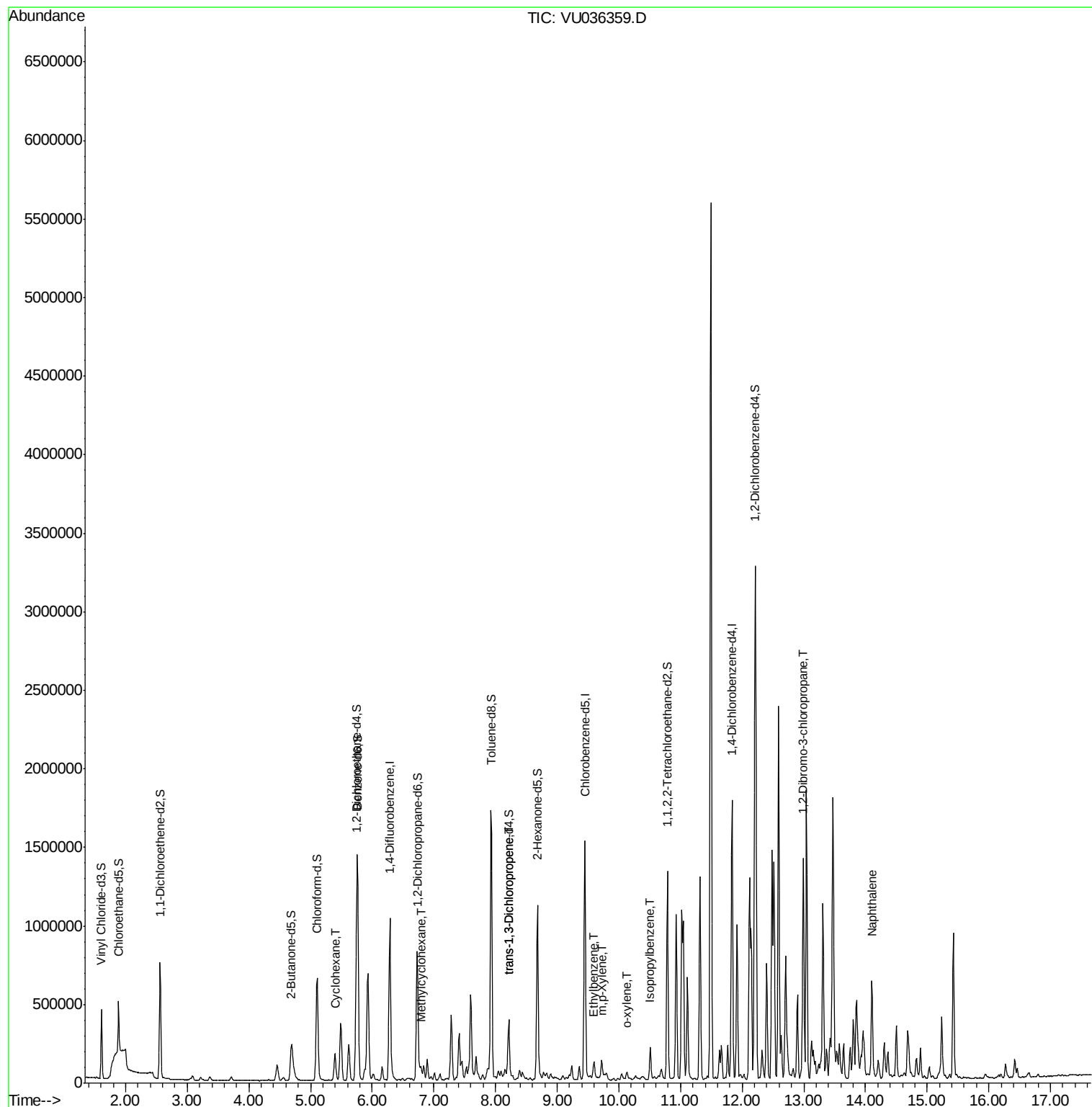
					Ovalue
29) Cyclohexane	5.40	56	29956	3.124 ug/L #	48
35) Methylcyclohexane	6.79	83	36196	3.618 ug/L	91
44) trans-1,3-Dichloropropene	8.21	75	13050	1.271 ug/L #	78
52) Ethylbenzene	9.60	91	68752	2.257 ug/L	94
53) m,p-Xylene	9.72	106	32824	2.904 ug/L	96
54) o-xylene	10.13	106	11327	0.999 ug/L	80
56) Isopropylbenzene	10.51	105	130963	4.431 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	6952	2.133 ug/L #	5
69) Naphthalene	14.10	128	473869	19.660 ug/L	98

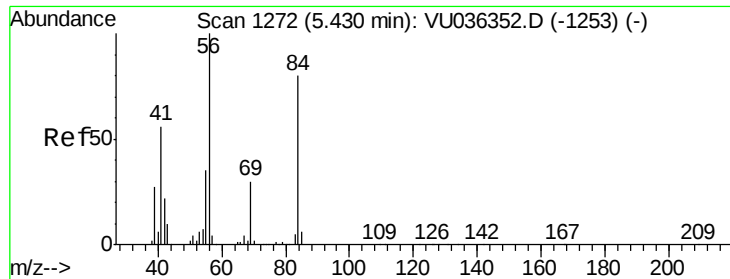
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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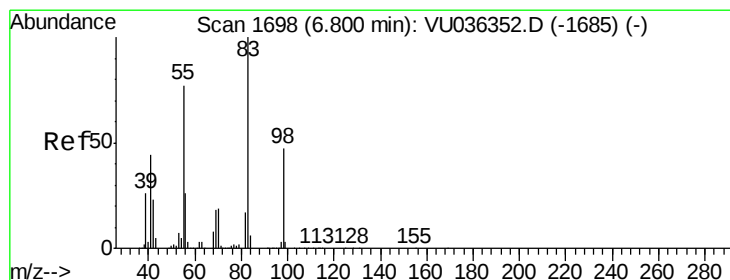
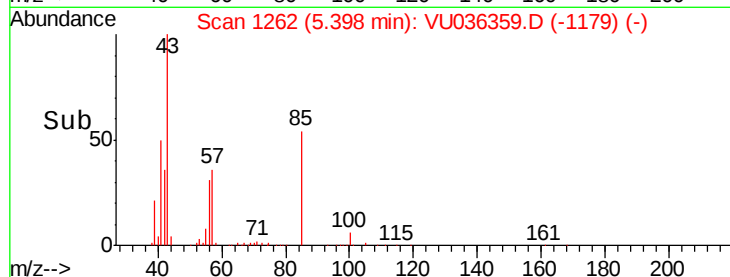
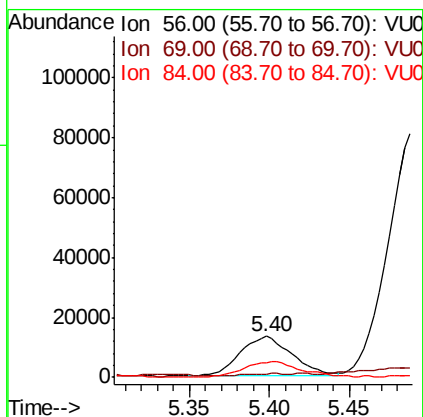
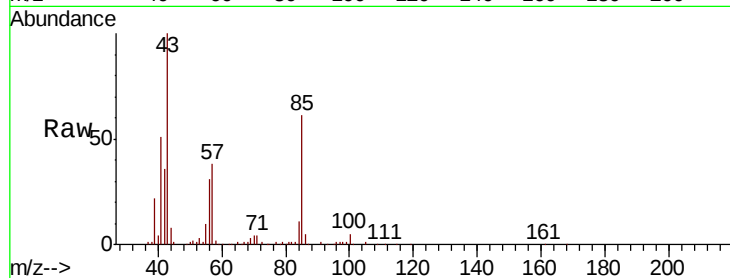




#29
Cyclohexane
Concen: 3.124 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.03 min
Lab File: VU036359.D
Acq: 27 Dec 2019 17:12

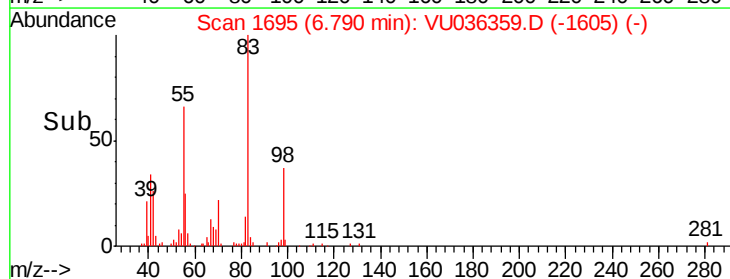
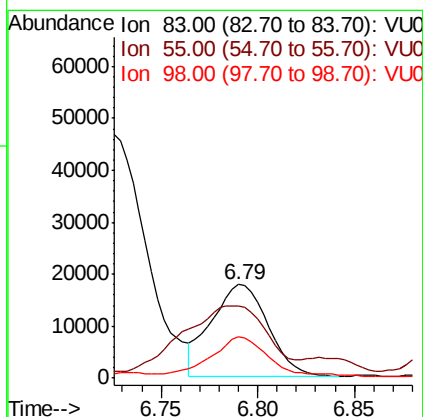
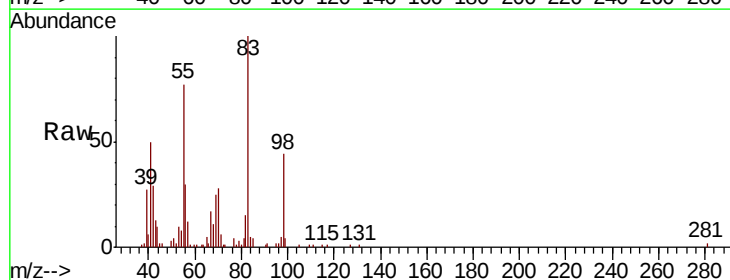
Instrument :
MSVOA_U
ClientSampleId :

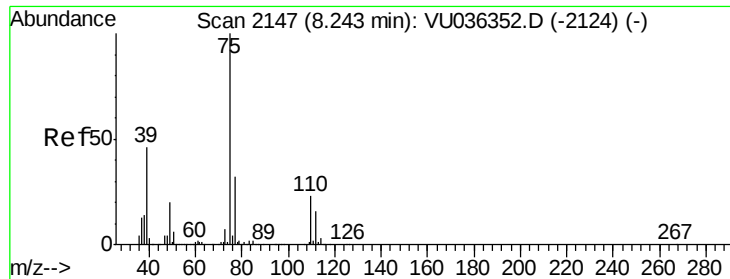
Tot Ion: 56 Resp: 29956
Ion Ratio Lower Upper
56 100
69 1.3 24.8 37.2#
84 37.9 67.4 101.2#



#35
Methylcyclohexane
Concen: 3.618 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.01 min
Lab File: VU036359.D
Acq: 27 Dec 2019 17:12

Tgt Ion: 83 Resp: 36196
Ion Ratio Lower Upper
83 100
55 67.9 60.0 90.0
98 38.4 36.2 54.4





#44

trans-1,3-Dichloropropene

Concen: 1.271 ug/L

RT: 8.21 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU036359.D

Acq: 27 Dec 2019 17:12

Instrument :

MSVOA_U

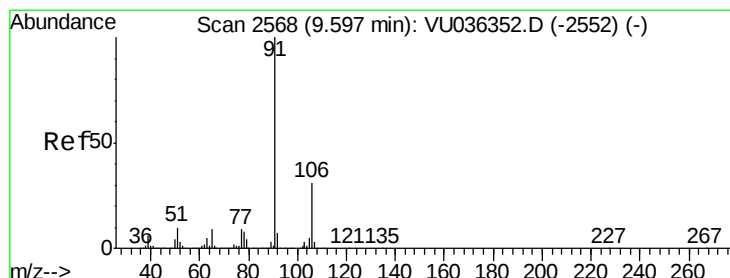
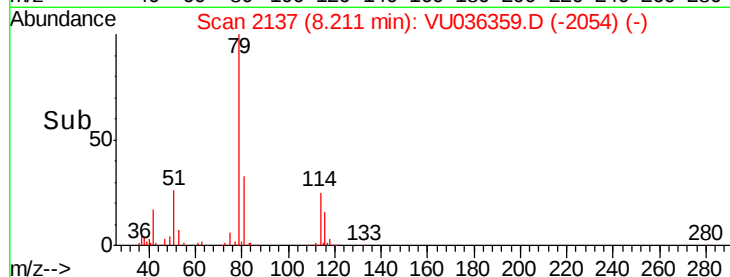
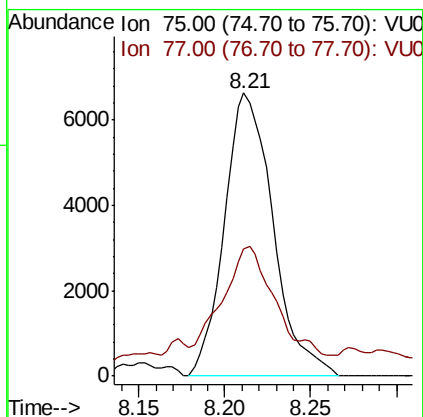
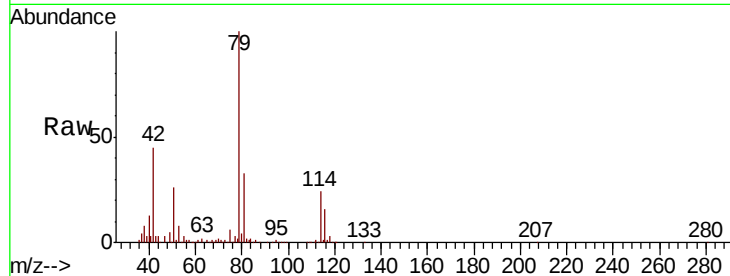
ClientSampleId :

Tot Ion: 75 Resp: 13050

Ion Ratio Lower Upper

75 100

77 44.8 22.5 41.9#



#52

Ethylbenzene

Concen: 2.257 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036359.D

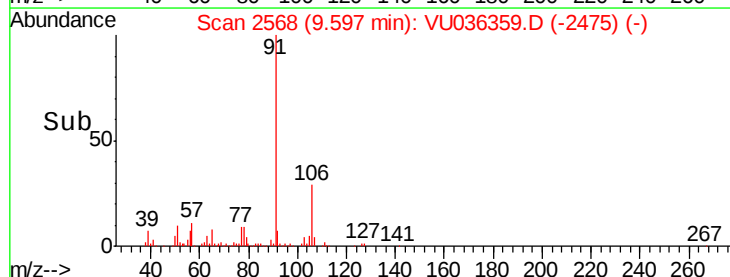
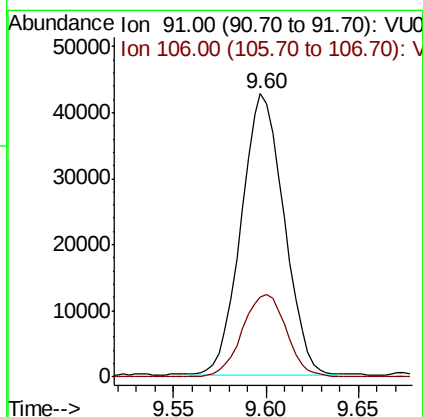
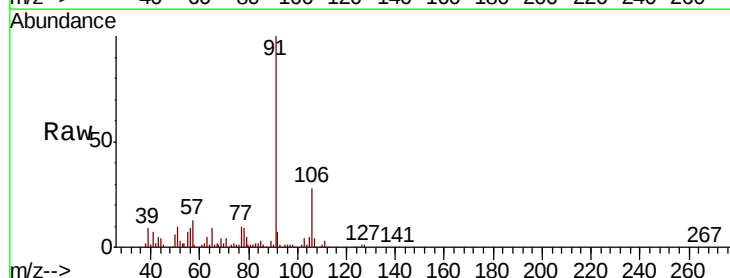
Acq: 27 Dec 2019 17:12

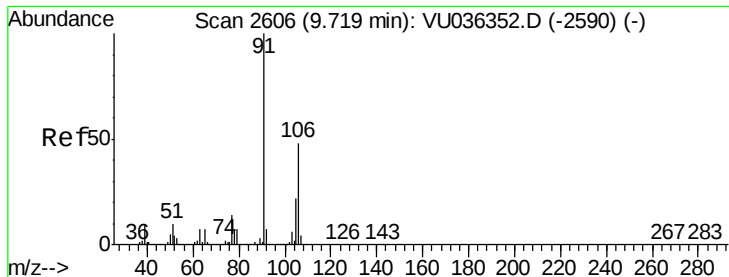
Tgt Ion: 91 Resp: 68752

Ion Ratio Lower Upper

91 100

106 28.2 22.0 40.8





#53

m,p-Xylene

Concen: 2.904 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VU036359.D

Acq: 27 Dec 2019 17:12

Instrument :

MSVOA_U

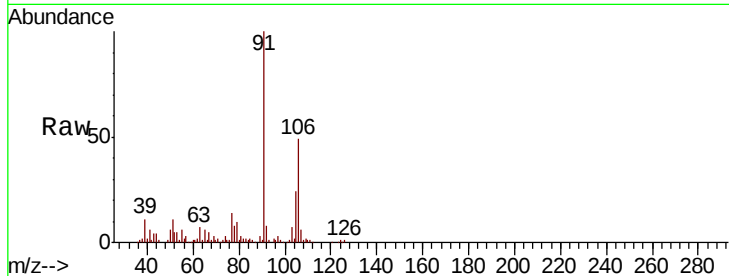
ClientSampleId :

Tot Ion:106 Resp: 32824

Ion Ratio Lower Upper

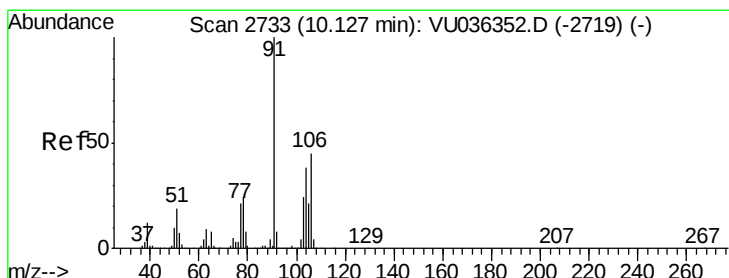
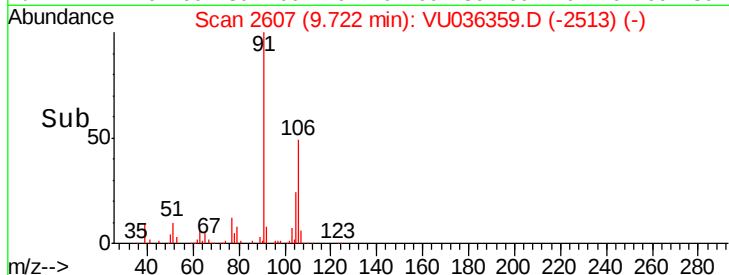
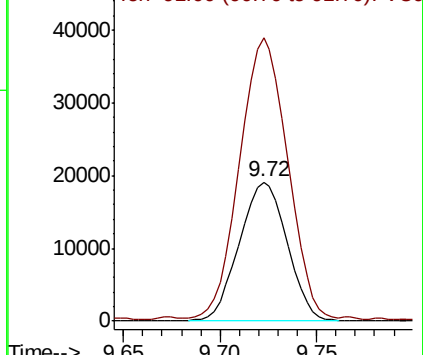
106 100

91 203.5 146.8 272.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 0.999 ug/L

RT: 10.13 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU036359.D

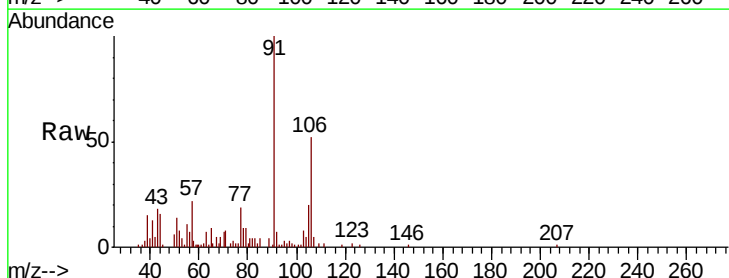
Acq: 27 Dec 2019 17:12

Tgt Ion:106 Resp: 11327

Ion Ratio Lower Upper

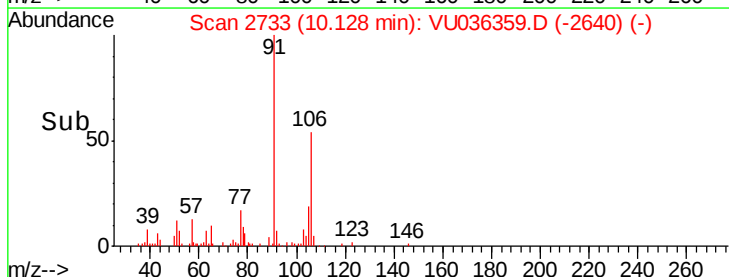
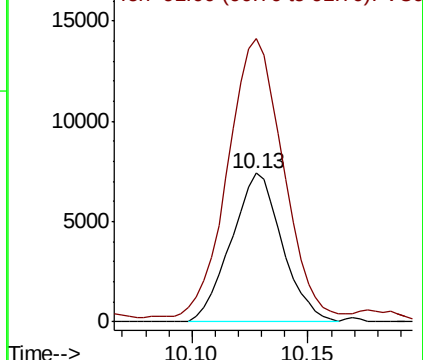
106 100

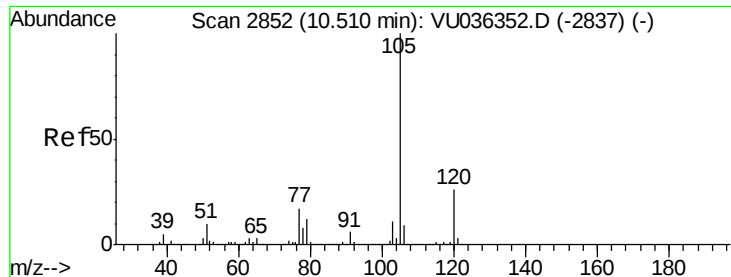
91 190.6 156.4 290.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 4.431 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU036359.D

Acq: 27 Dec 2019 17:12

Instrument :

MSVOA_U

ClientSampled :

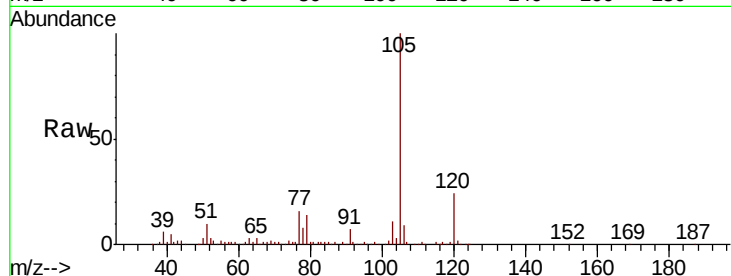
Tot Ion:105 Resp: 130963

Ion Ratio Lower Upper

105 100

120 25.2 21.0 31.4

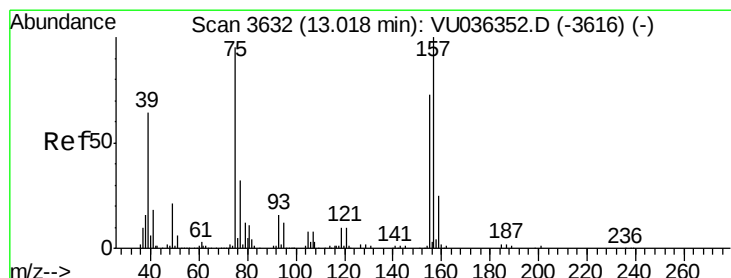
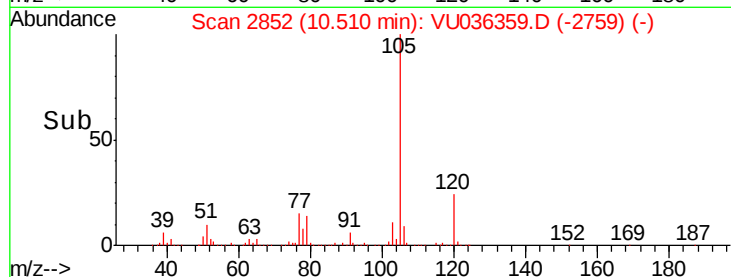
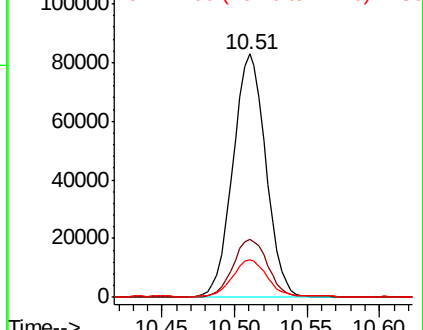
77 15.8 13.3 19.9



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: 2.133 ug/L

RT: 12.99 min Scan# 3624

Delta R.T. -0.03 min

Lab File: VU036359.D

Acq: 27 Dec 2019 17:12

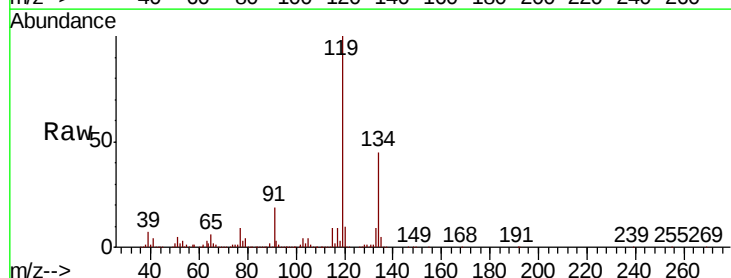
Tgt Ion: 75 Resp: 6952

Ion Ratio Lower Upper

75 100

155 2.6 61.8 92.6#

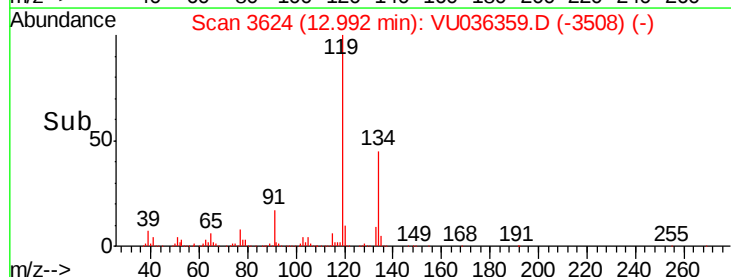
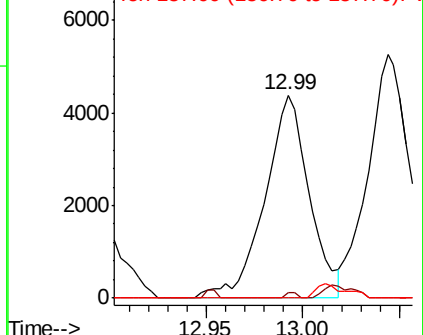
157 0.0 84.2 126.2#

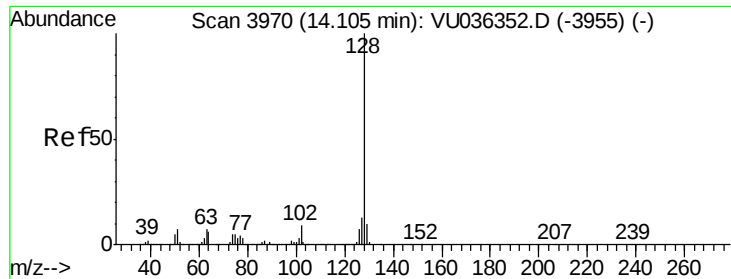


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#69

Naphthalene

Concen: 19.660 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. 0.00 min

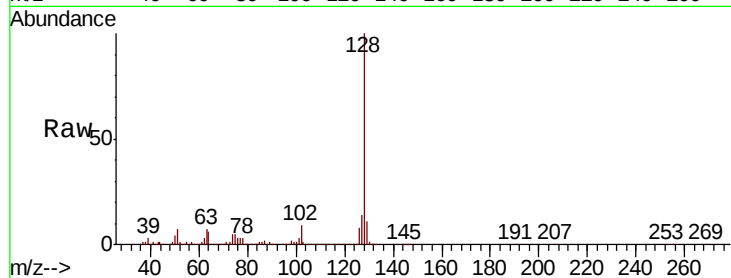
Lab File: VU036359.D

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Instrument :

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ClientSampleId :



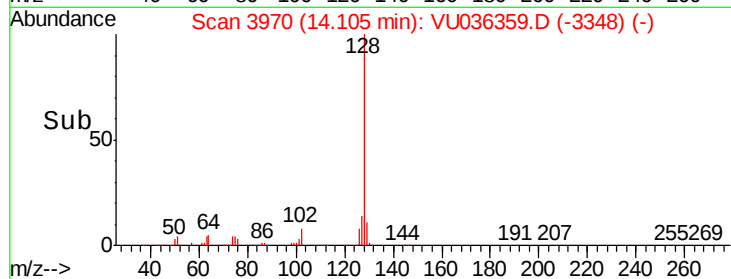
Tot Ion:128 Resp: 473869

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.6 8.5 12.7



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

