

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039614.D
 Acq On : 21 Jul 2020 21:56
 Operator : SY/MD
 Sample : L3347-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY03

Quant Time: Jul 22 04:04:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	101250	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95608	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44017	5.00	ug/L	0.00

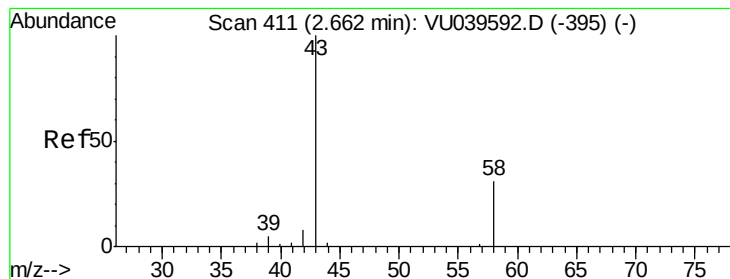
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31119	6.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.40%#
7) Chloroethane-d5	1.92	69	32344	6.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.20%
11) 1,1-Dichloroethene-d2	2.58	63	48335	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.65	46	116652	55.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.06%
24) Chloroform-d	5.08	84	62652	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.72	65	41532	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.74	84	125362	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.71	67	41768	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.91	98	111253	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	8.19	79	16143	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.64	63	85761	53.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.64%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35689	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	42993	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

					Qvalue
13) Acetone	2.65	43	15766	13.364 ug/L	97
21) 2-Butanone	4.73	43	7459	3.650 ug/L	97
25) Chloroform	5.11	83	6395	0.514 ug/L	89
33) Benzene	5.79	78	5409	0.235 ug/L	100
34) Trichloroethene	6.55	95	1883	0.298 ug/L	83
42) Toluene	7.98	91	11321	0.450 ug/L	91
47) Tetrachloroethene	8.56	164	155104	35.840 ug/L	95
52) Ethylbenzene	9.57	91	7215	0.252 ug/L	95
53) m,p-Xylene	9.70	106	2042	0.191 ug/L	90
54) o-Xylene	10.10	106	1427	0.137 ug/L	82

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



#13

Acetone

Concen: 13.364 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: VU039614.D

Acq: 21 Jul 2020 21:56

Instrument :

MSVOA_U

ClientSampleId :

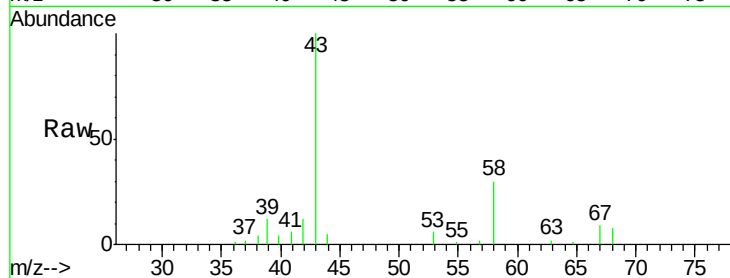
GAY03

Tgt Ion: 43 Resp: 15766

Ion Ratio Lower Upper

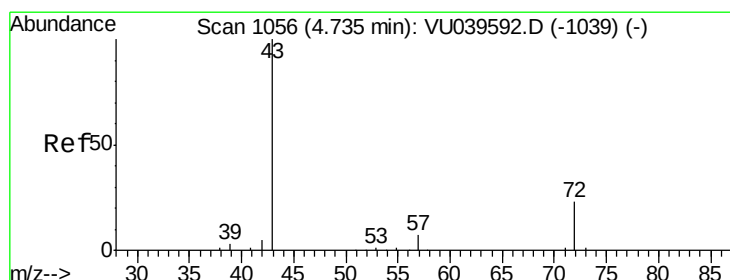
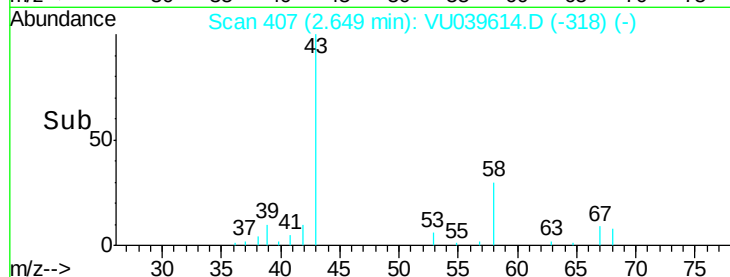
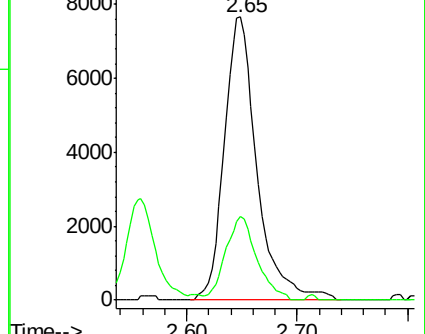
43 100

58 28.1 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU039592.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU039592.D (-395) (-)



#21

2-Butanone

Concen: 3.650 ug/L

RT: 4.73 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VU039614.D

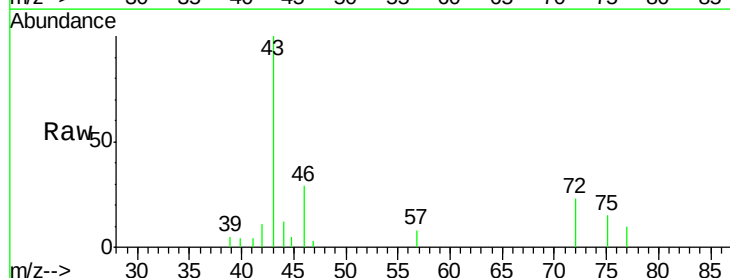
Acq: 21 Jul 2020 21:56

Tgt Ion: 43 Resp: 7459

Ion Ratio Lower Upper

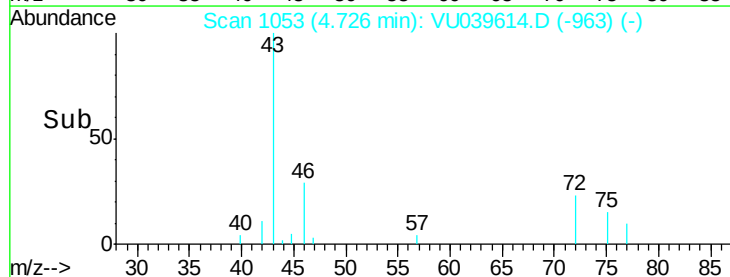
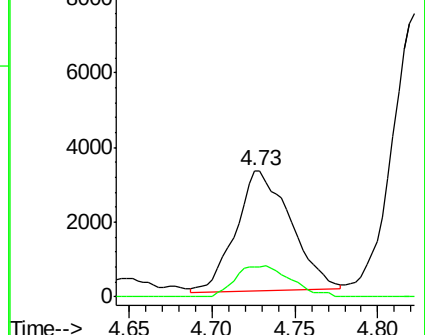
43 100

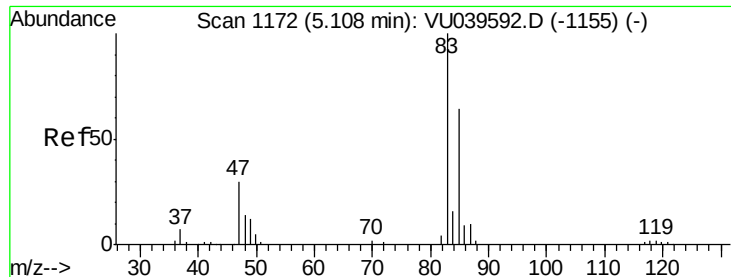
72 25.7 12.2 36.4



Abundance Ion 43.05 (42.75 to 43.75): VU039592.D (-1039) (-)

Ion 72.10 (71.80 to 72.80): VU039592.D (-1039) (-)

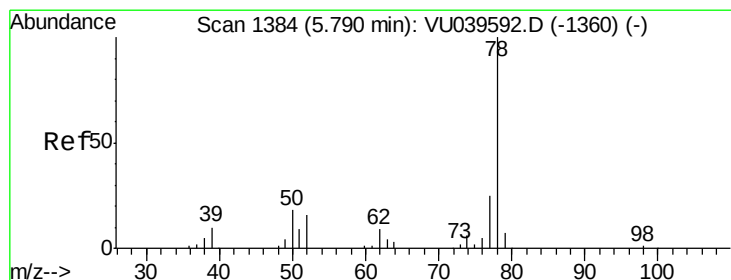
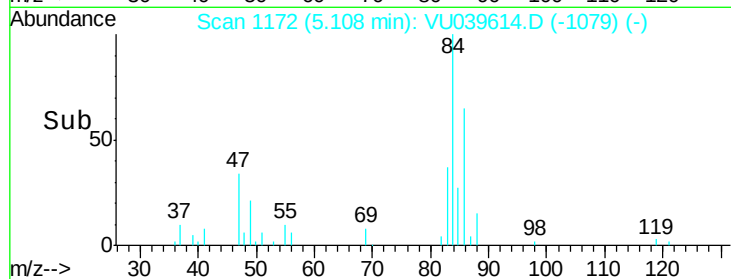
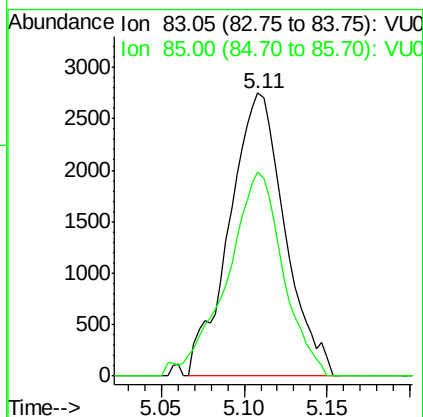
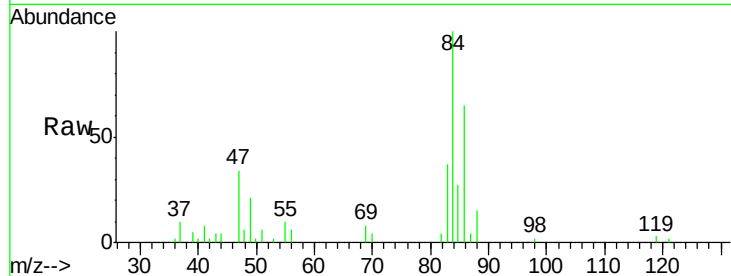




#25
Chloroform
Concen: 0.514 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU039614.D
Acq: 21 Jul 2020 21:56

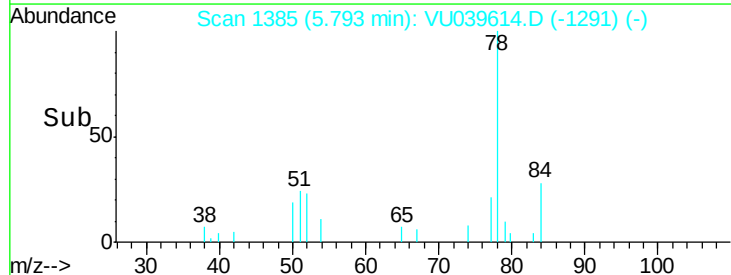
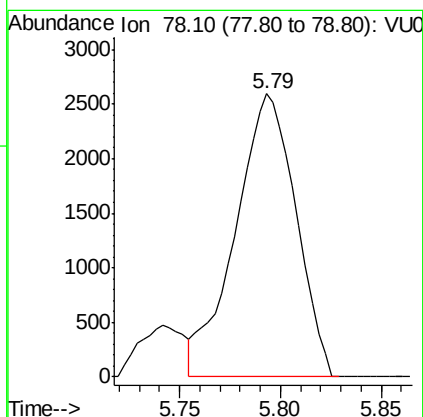
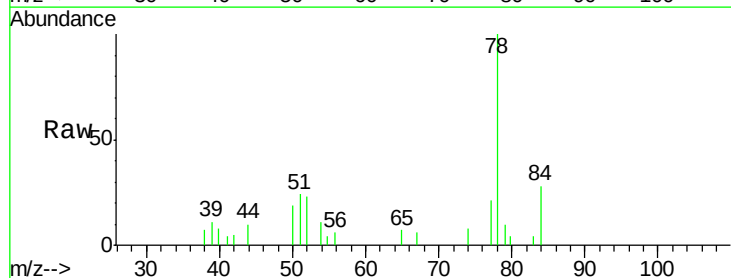
Instrument :
MSVOA_U
ClientSampleId :
GAY03

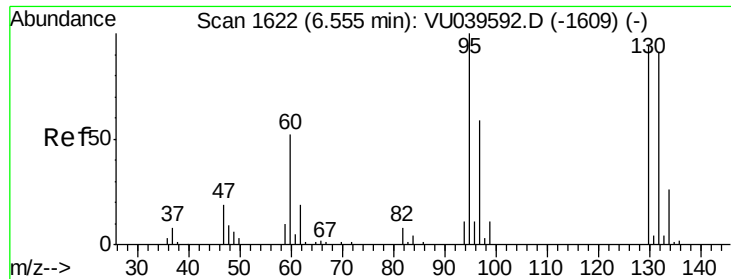
Tgt Ion: 83 Resp: 6395
Ion Ratio Lower Upper
83 100
85 72.2 44.4 82.5



#33
Benzene
Concen: 0.235 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039614.D
Acq: 21 Jul 2020 21:56

Tgt Ion: 78 Resp: 5409

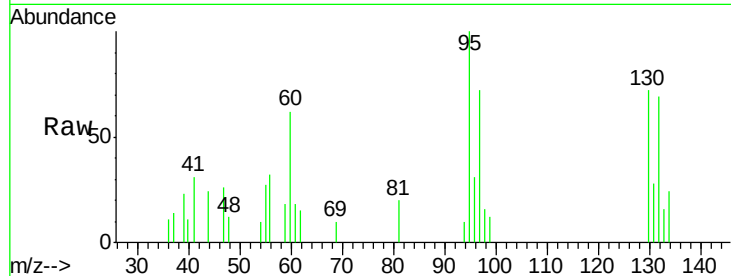




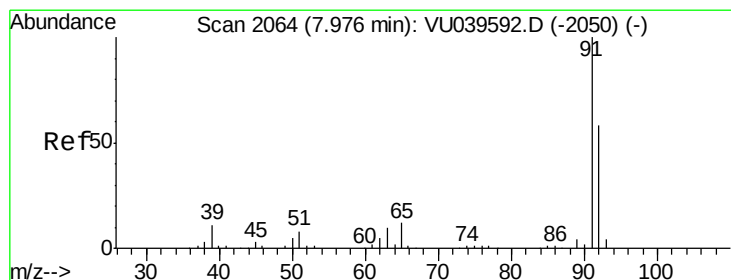
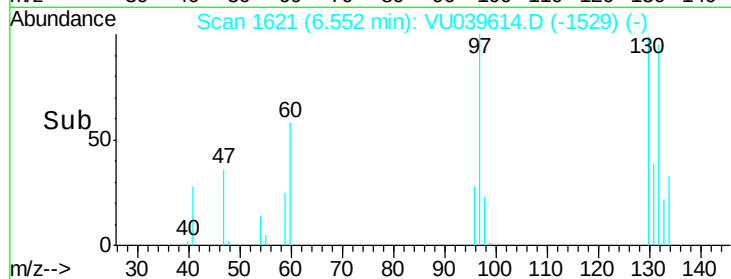
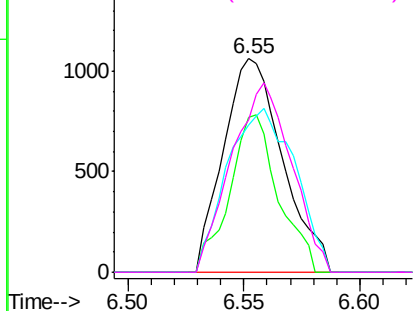
#34
 Trichloroethene
 Concen: 0.298 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039614.D
 Acq: 21 Jul 2020 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY03

Tgt Ion: 95 Resp: 1883
 Ion Ratio Lower Upper
 95 100
 97 72.3 44.9 83.3
 132 69.0 62.8 116.6
 130 71.6 61.5 114.1

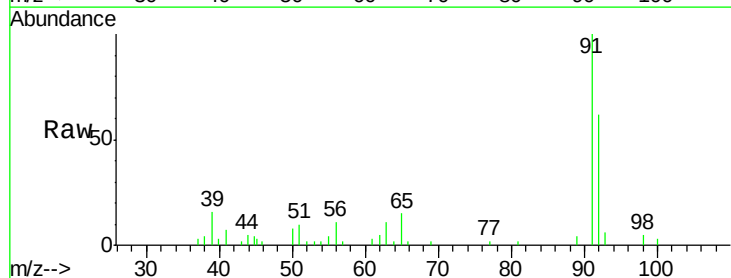


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

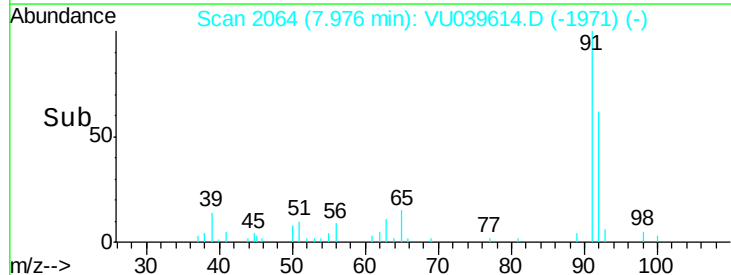
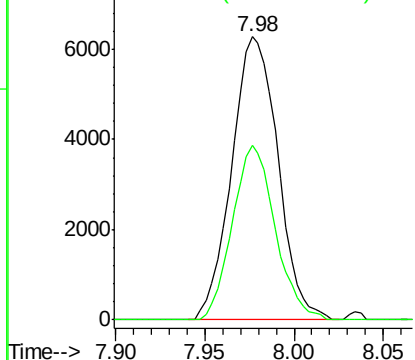


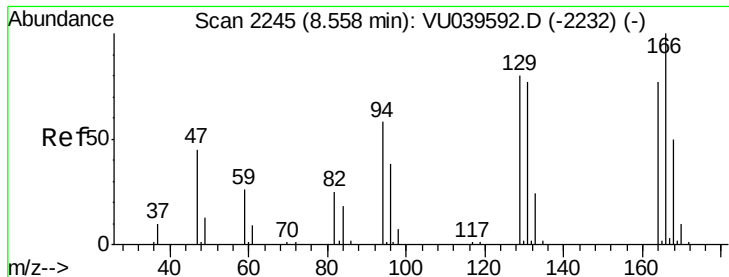
#42
 Toluene
 Concen: 0.450 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VU039614.D
 Acq: 21 Jul 2020 21:56

Tgt Ion: 91 Resp: 11321
 Ion Ratio Lower Upper
 91 100
 92 61.7 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 35.840 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU039614.D

Acq: 21 Jul 2020 21:56

Instrument :

MSVOA_U

ClientSampleId :

GAY03

Tgt Ion:164 Resp: 155104

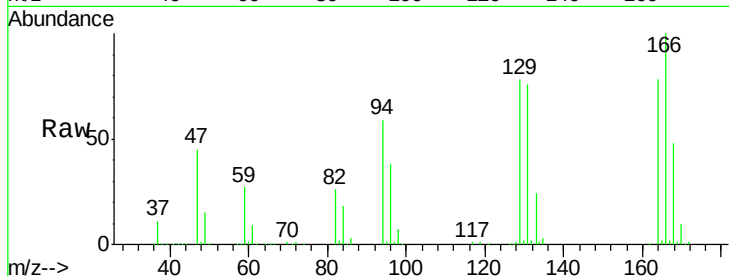
Ion Ratio Lower Upper

164 100

129 99.7 67.9 126.1

131 97.1 64.7 120.1

166 127.9 85.1 158.1

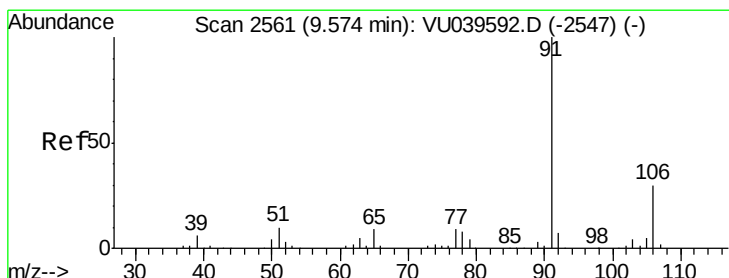
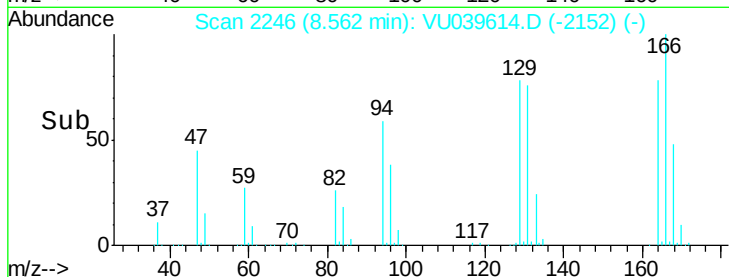
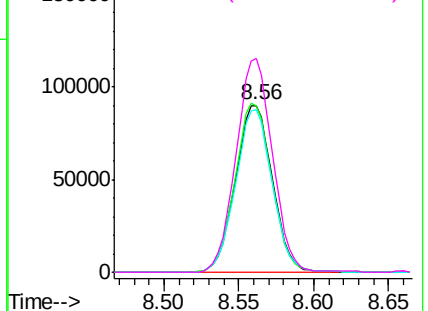


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#52

Ethylbenzene

Concen: 0.252 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039614.D

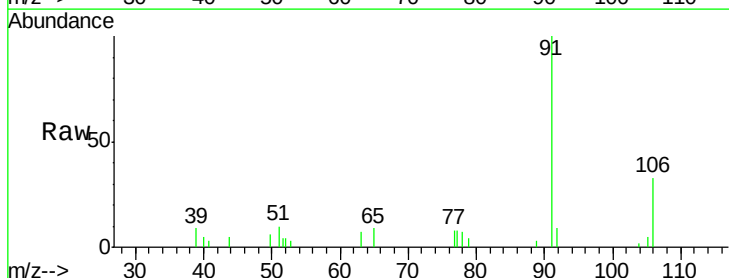
Acq: 21 Jul 2020 21:56

Tgt Ion: 91 Resp: 7215

Ion Ratio Lower Upper

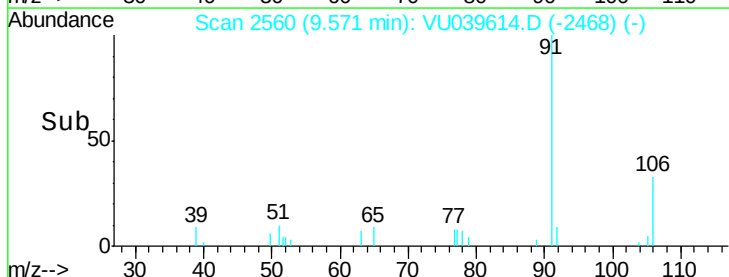
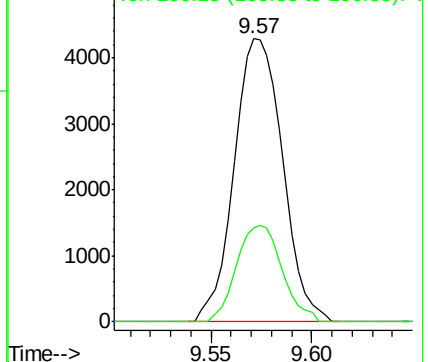
91 100

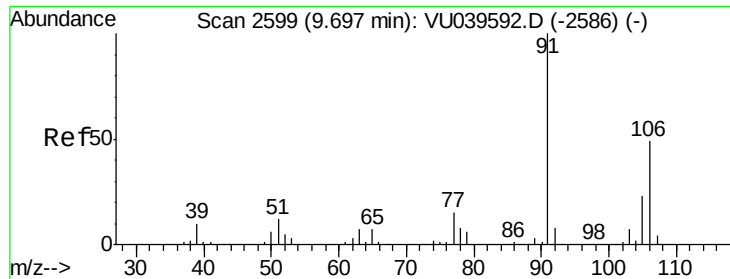
106 33.3 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

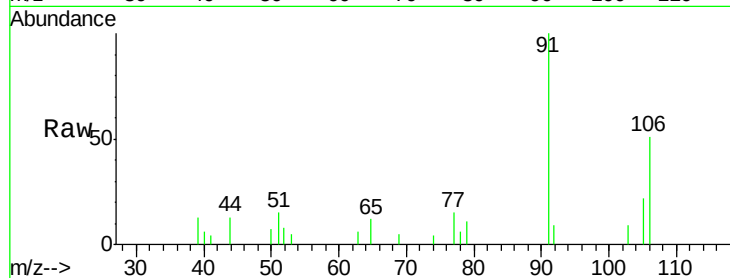




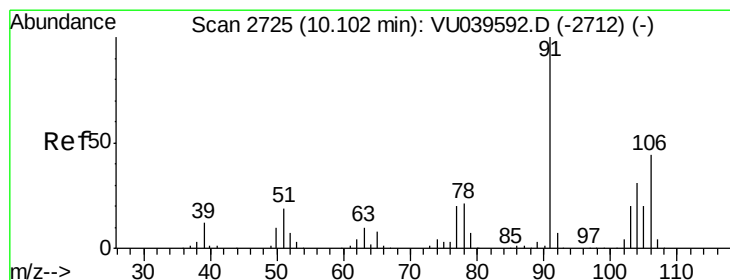
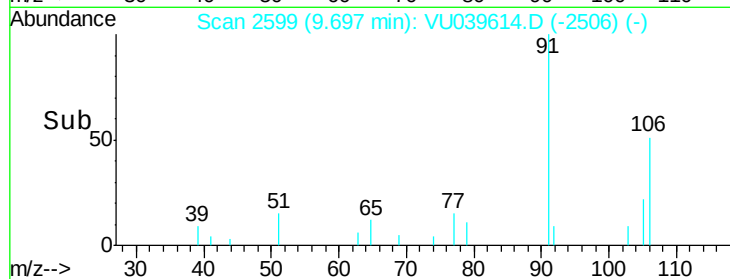
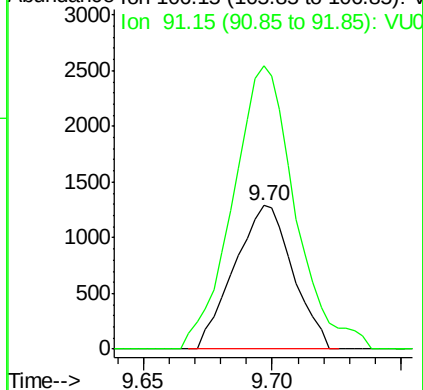
#53
m,p-Xylene
Concen: 0.191 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039614.D
Acq: 21 Jul 2020 21:56

Instrument :
MSVOA_U
ClientSampled :
GAY03

Tgt Ion:106 Resp: 2042
Ion Ratio Lower Upper
106 100
91 197.1 149.3 277.3

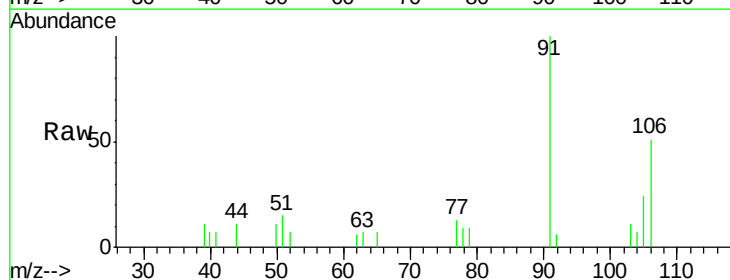


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#54
o-Xylene
Concen: 0.137 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039614.D
Acq: 21 Jul 2020 21:56

Tgt Ion:106 Resp: 1427
Ion Ratio Lower Upper
106 100
91 194.9 157.4 292.4



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

