

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039615.D
 Acq On : 21 Jul 2020 22:19
 Operator : SY/MD
 Sample : L3347-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY08

Quant Time: Jul 22 04:13:56 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	108600	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	101427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32034	6.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.20%
7) Chloroethane-d5	1.92	69	34920	6.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.00%
11) 1,1-Dichloroethene-d2	2.58	63	47996	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.65	46	118543	52.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.28%
24) Chloroform-d	5.09	84	63014	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	42819	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	129145	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.71	67	41634	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.91	98	117852	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.19	79	16886	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.64	63	86849	50.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.80%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35269	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	44213	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

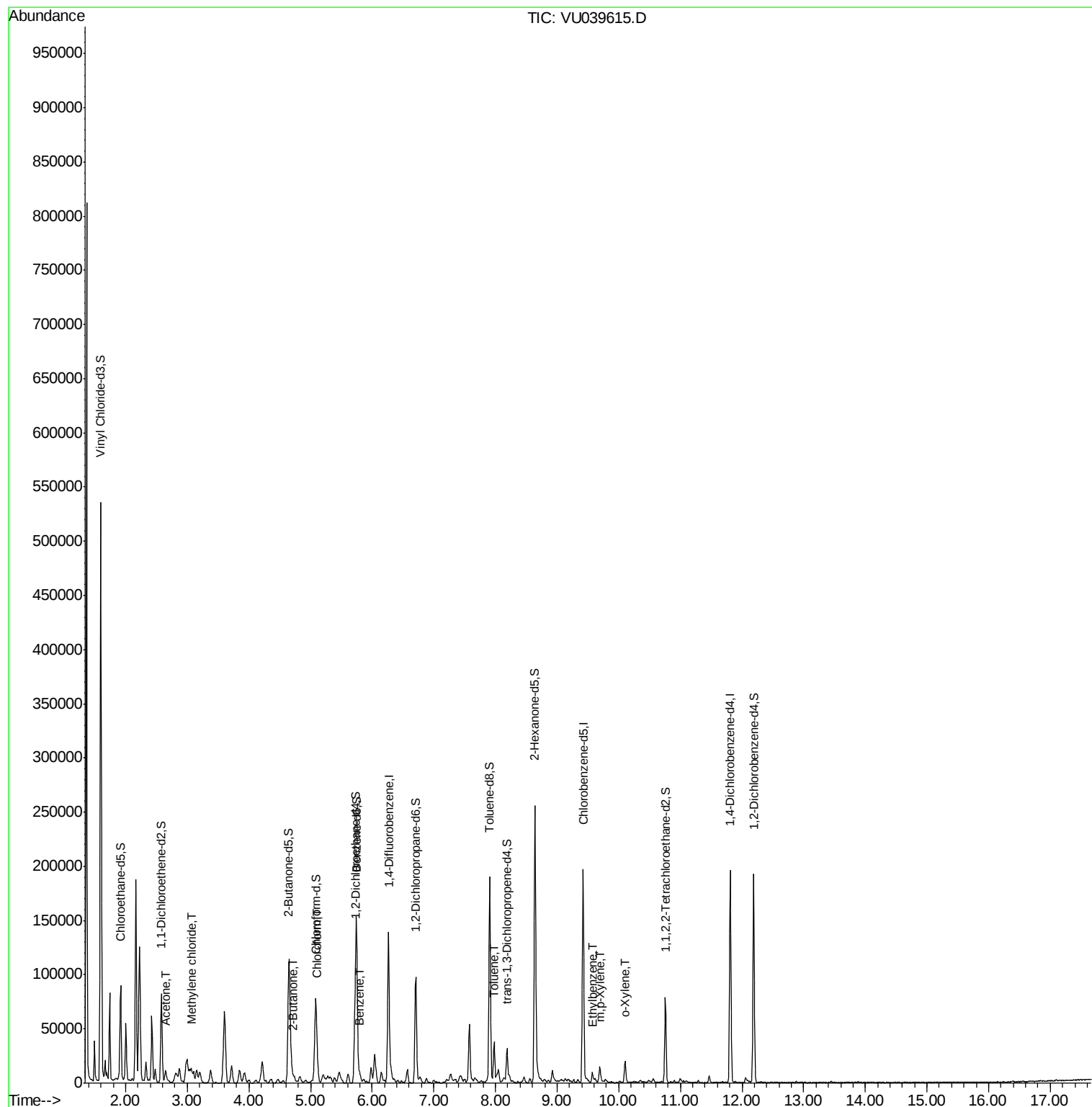
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.65	43	11160	8.820	ug/L	94
16) Methylene chloride	3.07	84	4595	0.619	ug/L	97
21) 2-Butanone	4.73	43	3624	1.653	ug/L	97
25) Chloroform	5.11	83	7299	0.547	ug/L	93
33) Benzene	5.80	78	6221	0.255	ug/L	100
42) Toluene	7.98	91	20049	0.751	ug/L	92
52) Ethylbenzene	9.57	91	6659	0.219	ug/L	98
53) m,p-Xylene	9.69	106	3462	0.306	ug/L	97
54) o-Xylene	10.10	106	4918	0.445	ug/L	89

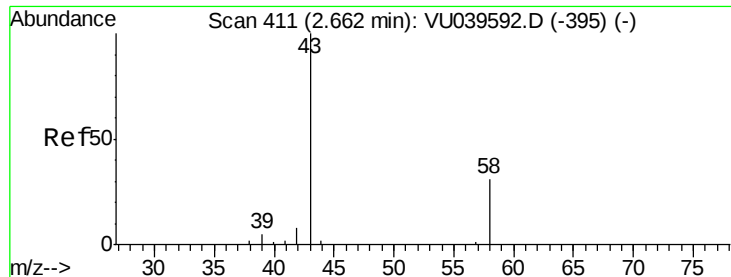
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.820 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: VU039615.D

Acq: 21 Jul 2020 22:19

Instrument :

MSVOA_U

ClientSampleId :

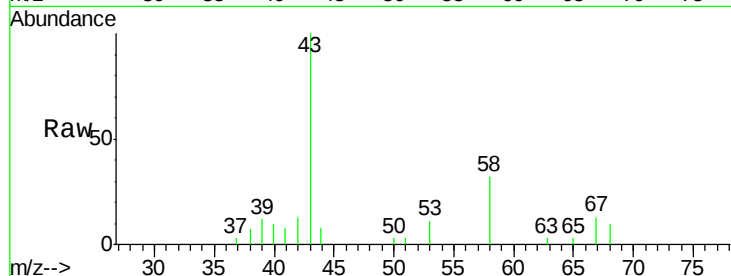
GAY08

Tgt Ion: 43 Resp: 11160

Ion Ratio Lower Upper

43 100

58 32.5 0.0 59.0

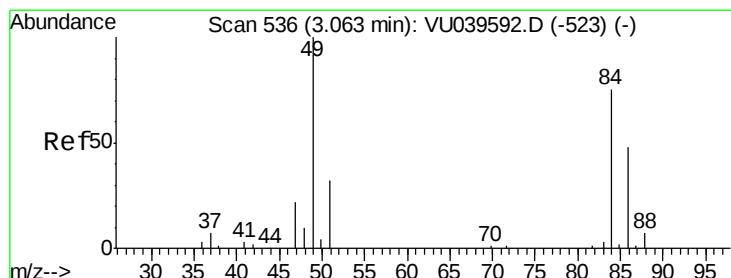
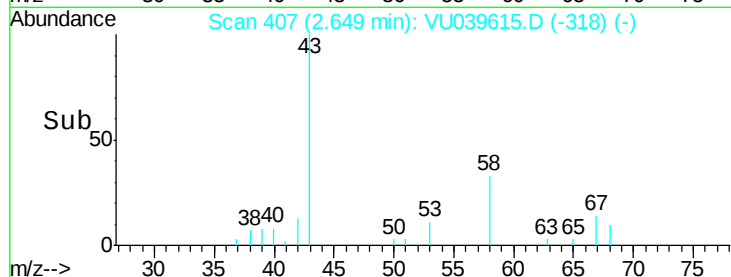


Abundance Ion 43.05 (42.75 to 43.75): VU039615.D (-407) (-)

Ion 58.05 (57.75 to 58.75): VU039615.D (-407) (-)

2.65

Time-->



#16

Methylene chloride

Concen: 0.619 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.00 min

Lab File: VU039615.D

Acq: 21 Jul 2020 22:19

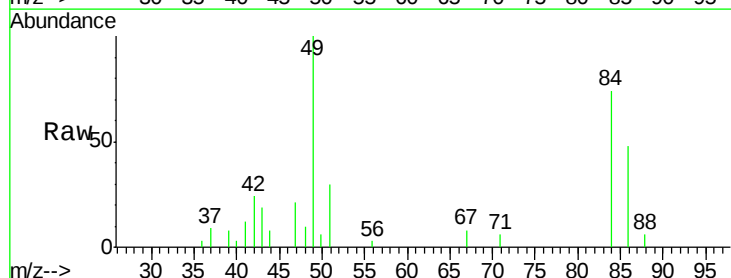
Tgt Ion: 84 Resp: 4595

Ion Ratio Lower Upper

84 100

86 65.1 43.8 81.4

49 135.8 92.7 172.3



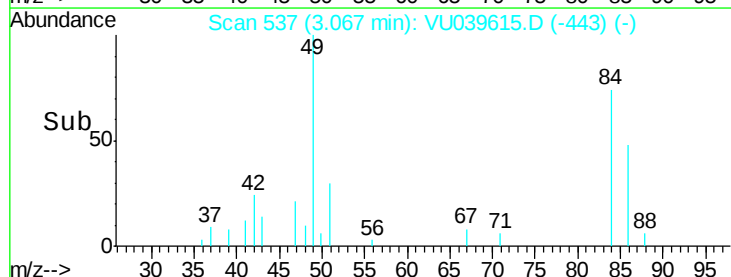
Abundance Ion 84.05 (83.75 to 84.75): VU039615.D (-537) (-)

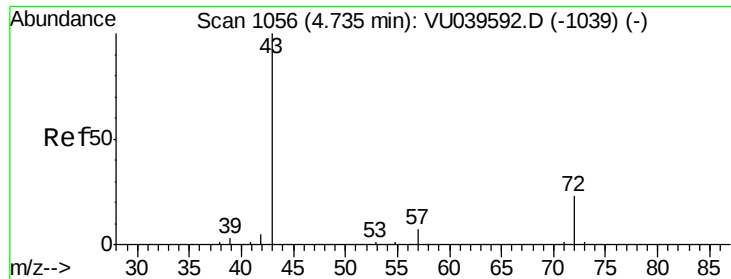
Ion 86.00 (85.70 to 86.70): VU039615.D (-537) (-)

Ion 49.10 (48.80 to 49.80): VU039615.D (-537) (-)

3.07

Time-->





#21

2-Butanone

Concen: 1.653 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VU039615.D

Acq: 21 Jul 2020 22:19

Instrument :

MSVOA_U

ClientSampleId :

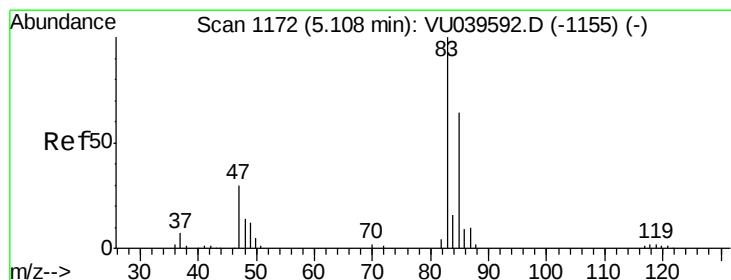
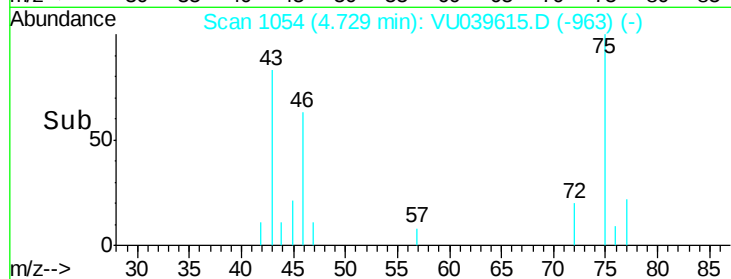
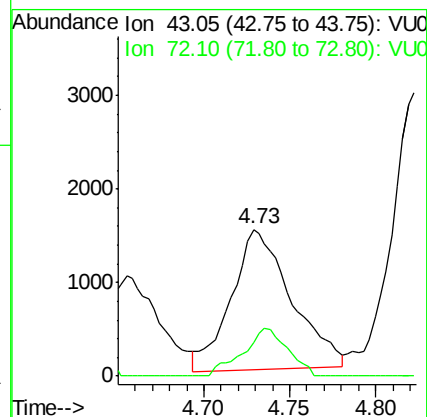
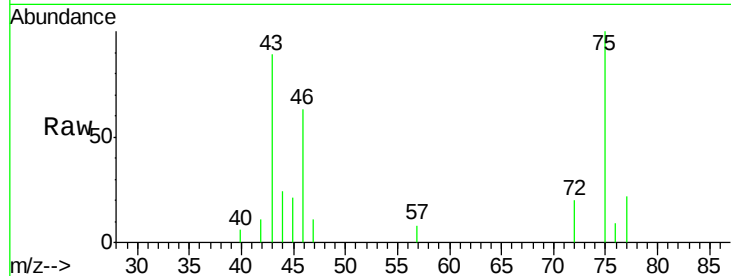
GAY08

Tgt Ion: 43 Resp: 3624

Ion Ratio Lower Upper

43 100

72 25.6 12.2 36.4



#25

Chloroform

Concen: 0.547 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU039615.D

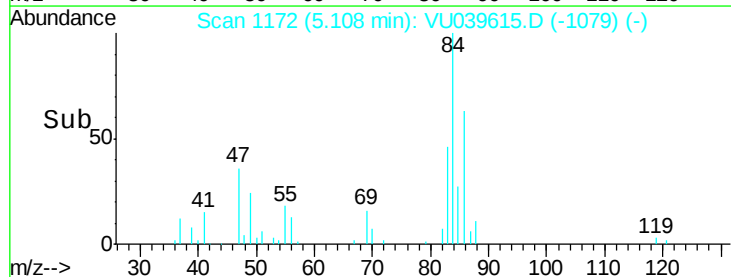
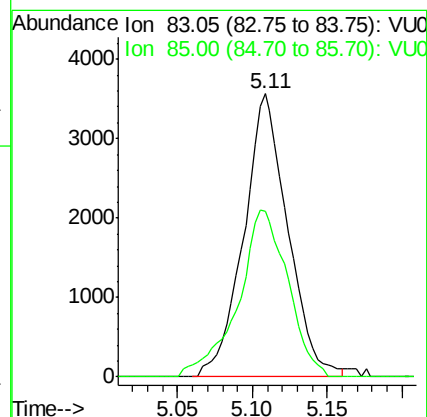
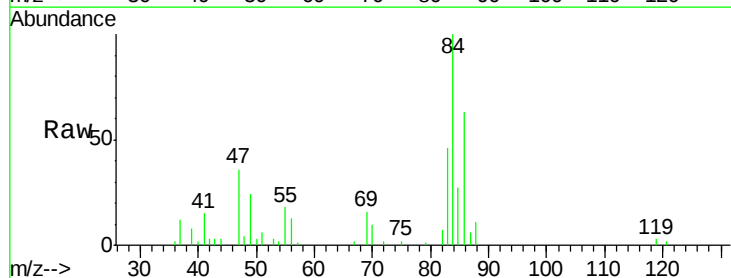
Acq: 21 Jul 2020 22:19

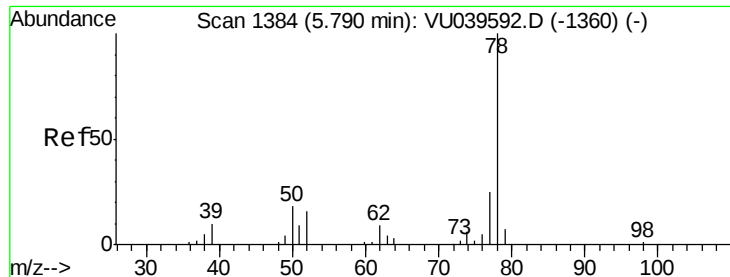
Tgt Ion: 83 Resp: 7299

Ion Ratio Lower Upper

83 100

85 58.3 44.4 82.5





#33

Benzene

Concen: 0.255 ug/L

RT: 5.80 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VU039615.D

Acq: 21 Jul 2020 22:19

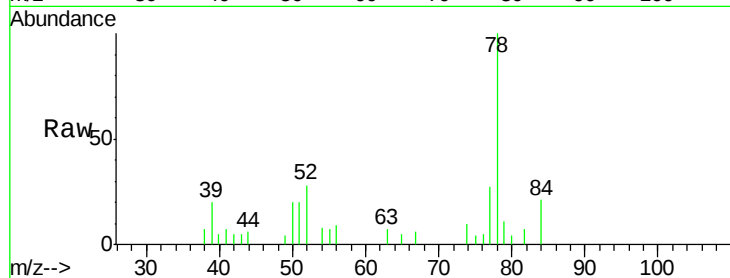
Instrument :

MSVOA_U

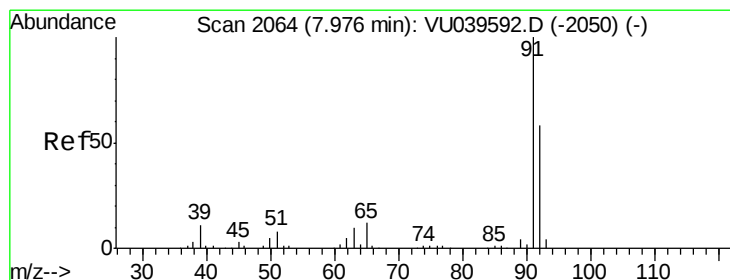
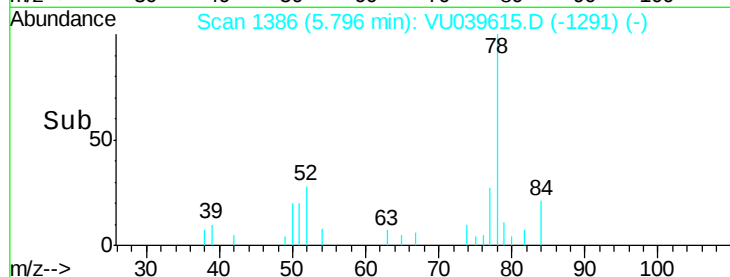
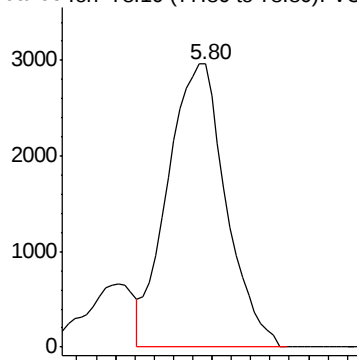
ClientSampled :

GAY08

Tgt Ion: 78 Resp: 6221



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.751 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039615.D

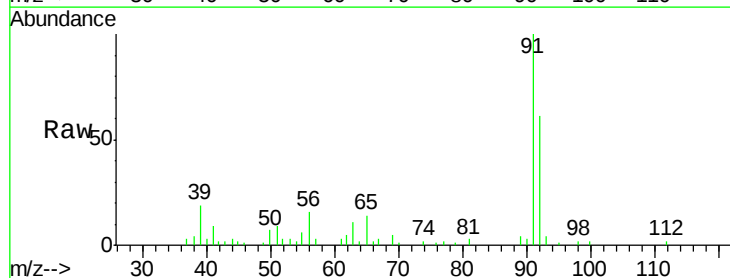
Acq: 21 Jul 2020 22:19

Tgt Ion: 91 Resp: 20049

Ion Ratio Lower Upper

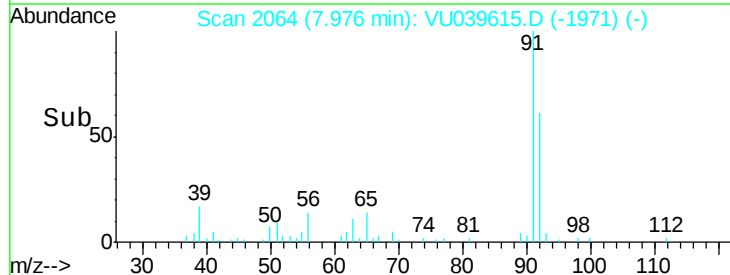
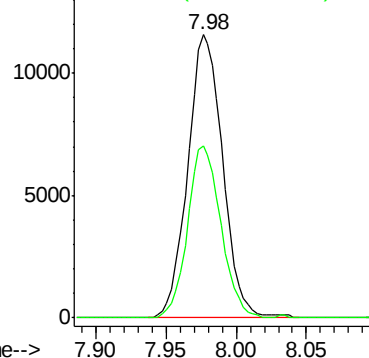
91 100

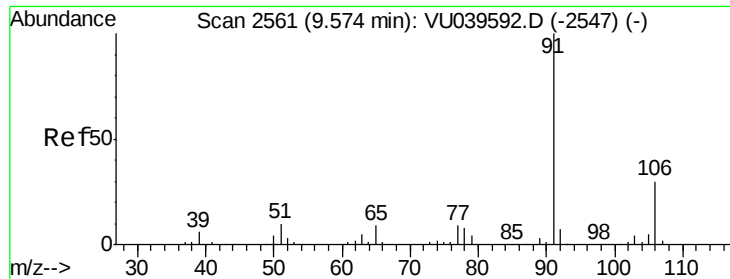
92 60.8 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 0.219 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039615.D

Acq: 21 Jul 2020 22:19

Instrument :

MSVOA_U

ClientSampleId :

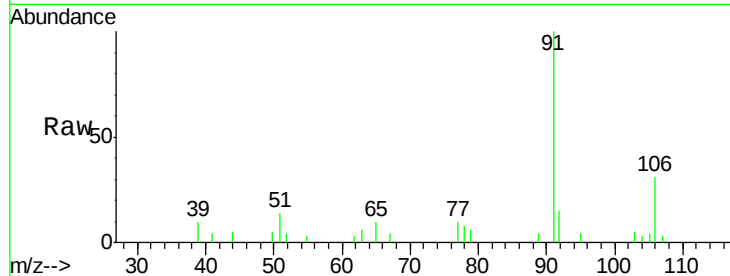
GAY08

Tgt Ion: 91 Resp: 6659

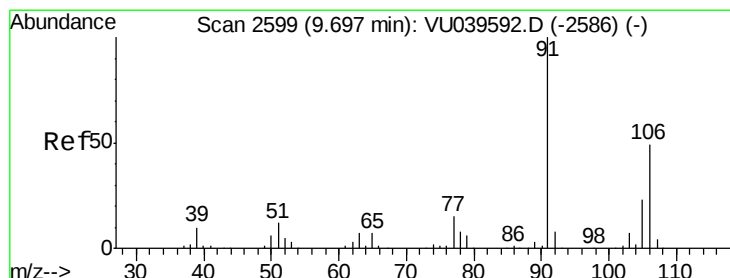
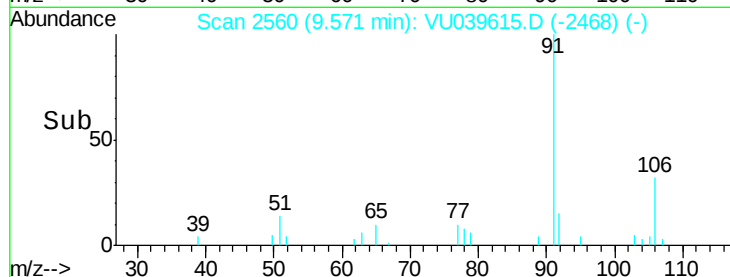
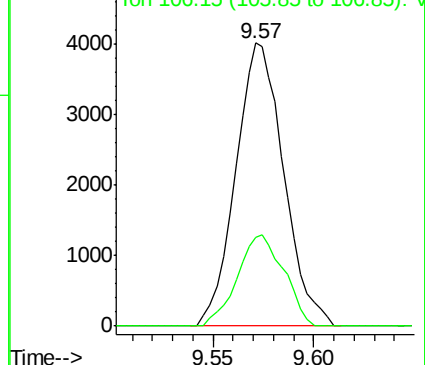
Ion Ratio Lower Upper

91 100

106 31.4 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU039592.D (-2547) (-)



#53

m,p-Xylene

Concen: 0.306 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU039615.D

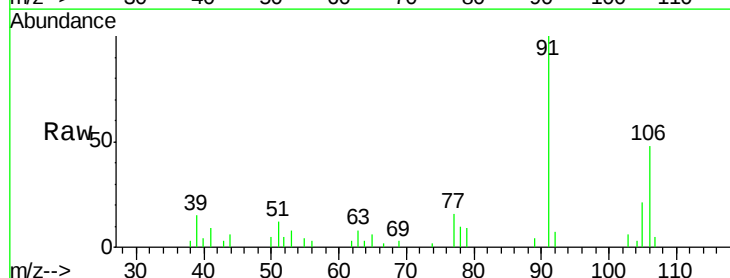
Acq: 21 Jul 2020 22:19

Tgt Ion: 106 Resp: 3462

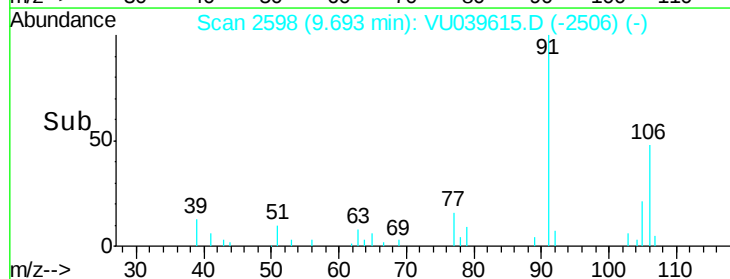
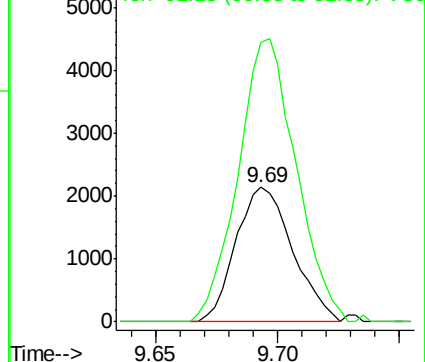
Ion Ratio Lower Upper

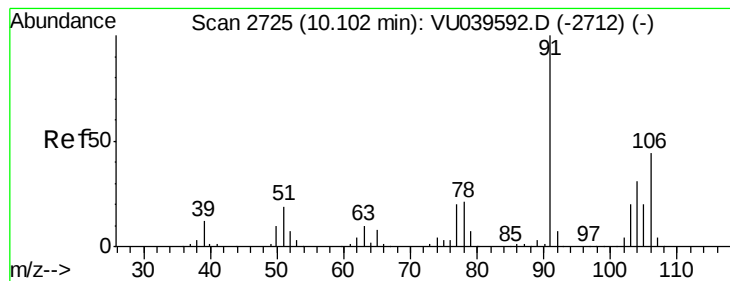
106 100

91 207.8 149.3 277.3



Abundance Ion 106.15 (105.85 to 106.85): VU039592.D (-2586) (-)





#54

o-Xylene

Concen: 0.445 ug/L

RT: 10.10 min Scan# 2726

Delta R.T. 0.00 min

Lab File: VU039615.D

Acq: 21 Jul 2020 22:19

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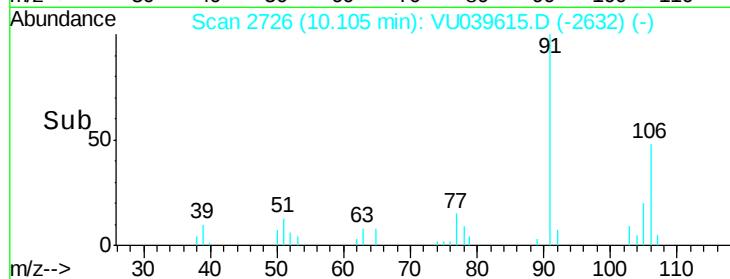
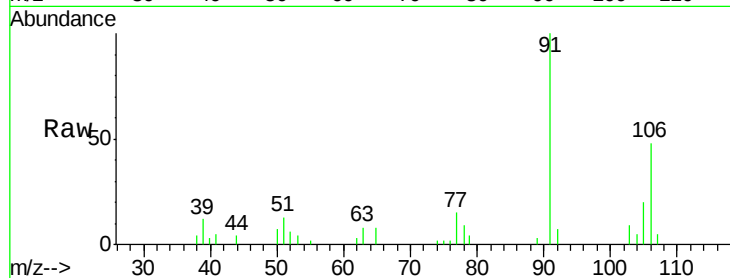
GAY08

Tgt Ion:106 Resp: 4918

Ion Ratio Lower Upper

106 100

91 207.5 157.4 292.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

