

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038345.D
 Acq On : 28 May 2020 15:08
 Operator : JC/MD
 Sample : L2756-05MS 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETKW8MS

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:26:37 PM

Quant Time: May 29 05:07:20 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M

Quant Title : VOC Analysis

QLast Update : Fri May 29 04:31:03 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	544002	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	520821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	254877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	217148	63.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.18%
7) Chloroethane-d5	1.93	69	164253	62.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.50%
11) 1,1-Dichloroethene-d2	2.59	63	393508	56.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.76%
21) 2-Butanone-d5	4.66	46	398331	122.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.77%
24) Chloroform-d	5.10	84	390846	58.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.56%
26) 1,2-Dichloroethane-d4	5.74	65	266142	57.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.82%
32) Benzene-d6	5.76	84	825526	61.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.00%
36) 1,2-Dichloropropane-d6	6.72	67	252286	60.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.28%#
41) Toluene-d8	7.92	98	724167	60.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.08%#
43) trans-1,3-Dichloropropene-	8.20	79	123582	59.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.34%
47) 2-Hexanone-d5	8.66	63	289605	131.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.12%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	349004	56.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	286027	60.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.08%#

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3817	1.14	ug/L	# 24
12) 1,1-Dichloroethene	2.60	96	139392m	42.26	ug/L	
16) Methylene chloride	3.08	84	36160	9.54	ug/L	96
19) 1,1-Dichloroethane	3.91	63	44989	6.71	ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	712900	183.69	ug/L	97
30) 1,1,1-Trichloroethane	5.35	97	262956	46.43	ug/L	99
33) Benzene	5.81	78	611209	41.78	ug/L	100
34) Trichloroethene	6.57	95	151988	40.61	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	15869	2.63	ug/L	97
42) Toluene	8.00	91	1088837	70.90	ug/L	99
51) Chlorobenzene	9.47	112	395956	40.12	ug/L	99
52) Ethylbenzene	9.59	91	88198	5.13	ug/L	96
53) m,p-Xylene	9.71	106	65079	9.89	ug/L	98
54) o-xylene	10.12	106	24677	3.86	ug/L	91
55) Styrene	10.14	104	10903	0.99	ug/L	96

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: May 29 05:07:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 04:31:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

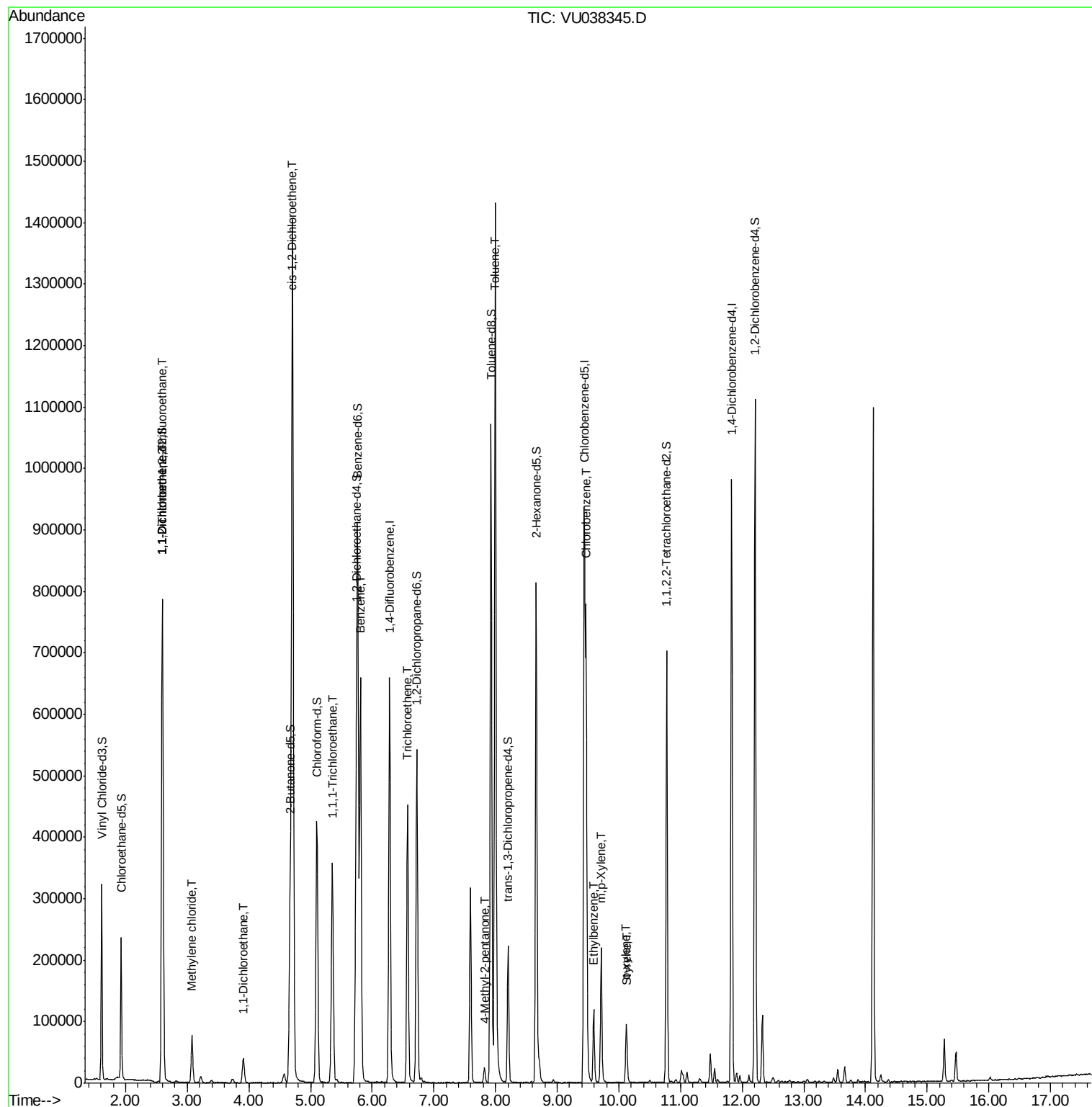
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Data File : VU038345.D
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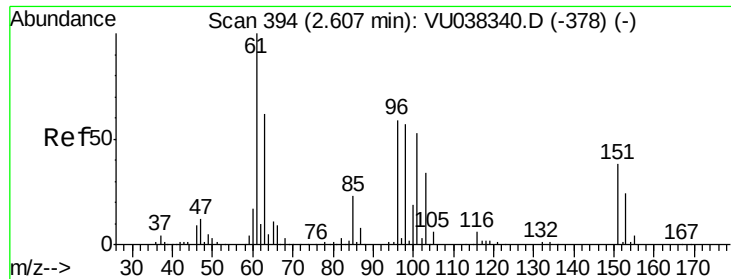
Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Manual Integrations
APPROVED

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Quant Time: May 29 05:07:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 04:31:03 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.14 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038345.D

Acq: 28 May 2020 15:08

Instrument :

MSVOA_U

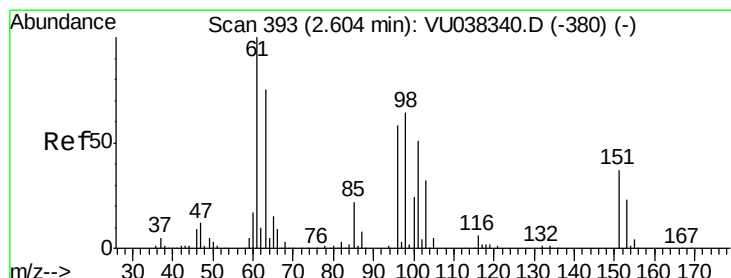
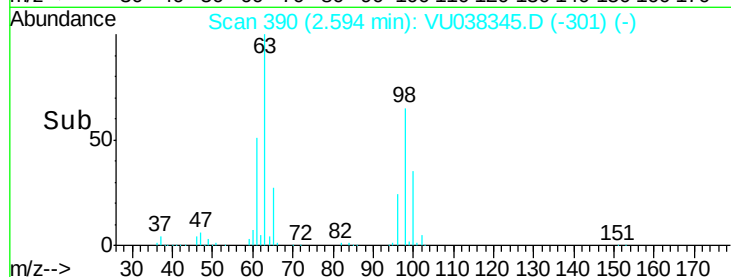
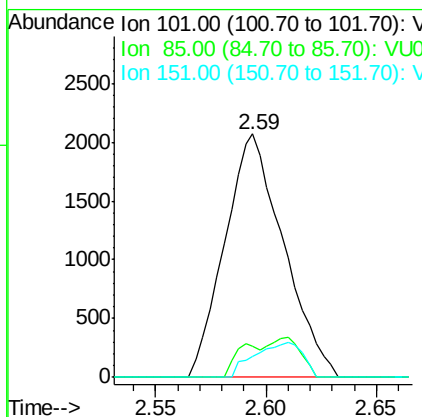
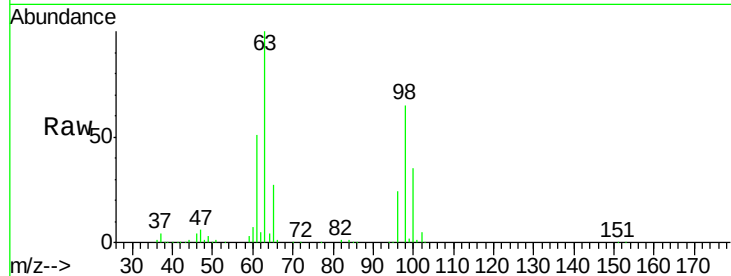
ClientSampleId :

ETKW8MS

Tgt Ion:	101	Resp:	3817
Ion Ratio	Lower	Upper	
101	100		
85	6.0	35.5	53.3#
151	0.0	58.4	87.6#

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#12

1,1-Dichloroethene

Concen: 42.26 ug/L m

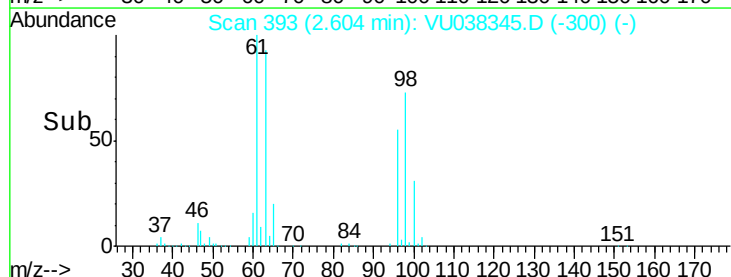
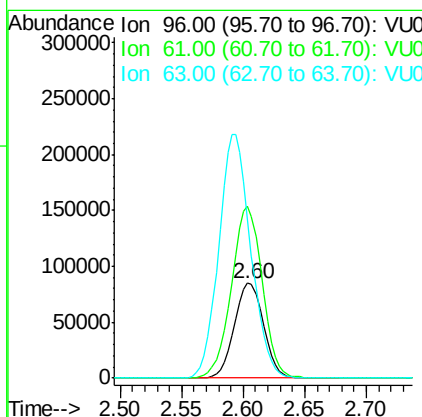
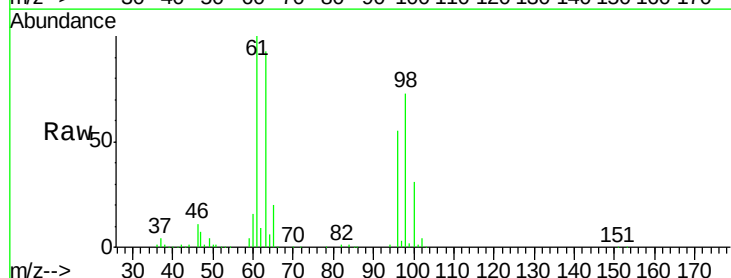
RT: 2.60 min Scan# 393

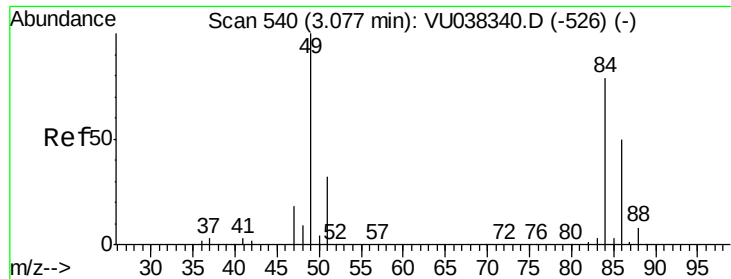
Delta R.T. -0.00 min

Lab File: VU038345.D

Acq: 28 May 2020 15:08

Tgt Ion:	96	Resp:	139392
Ion Ratio	Lower	Upper	
96	100		
61	181.2	123.5	229.3
63	168.0	76.6	142.2#





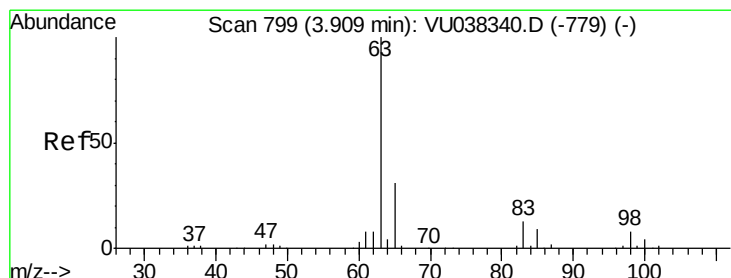
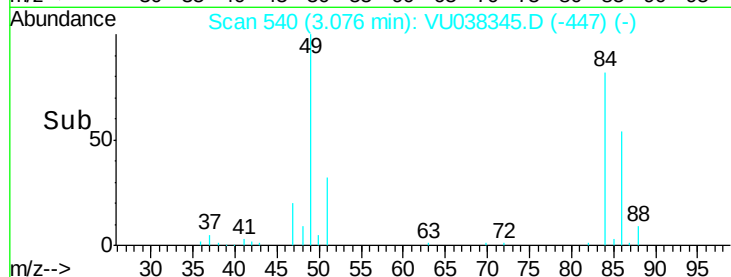
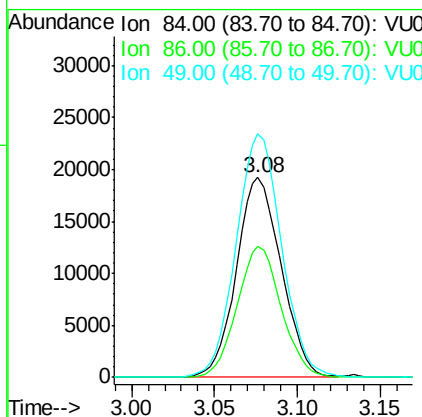
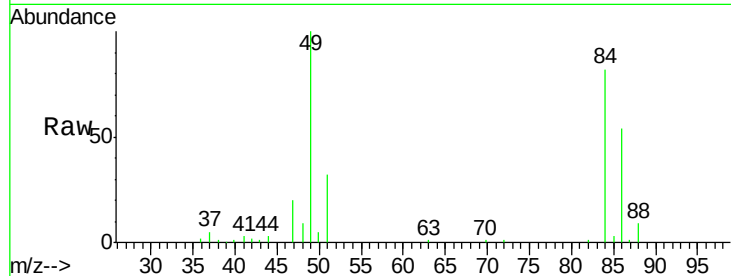
#16
Methylene chloride
Concen: 9.54 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion	Ratio	Lower	Upper
84	100		
86	65.6	46.1	85.7
49	121.8	90.0	167.2

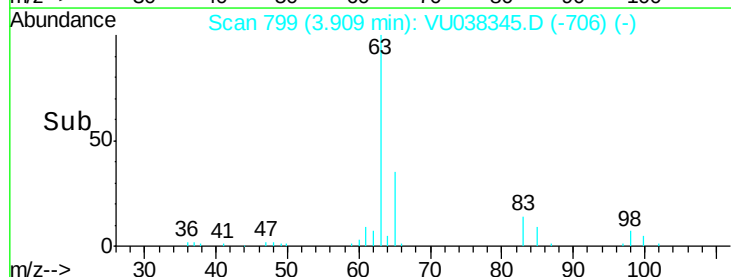
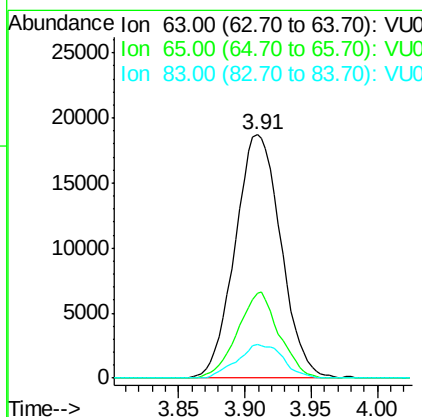
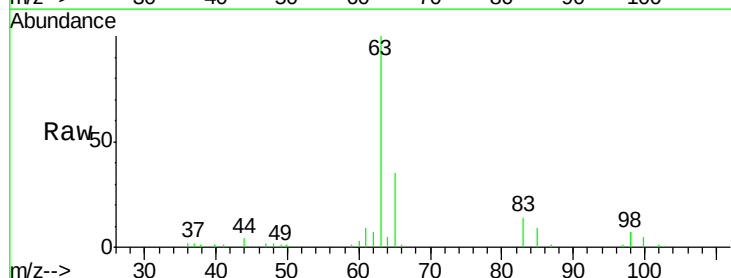
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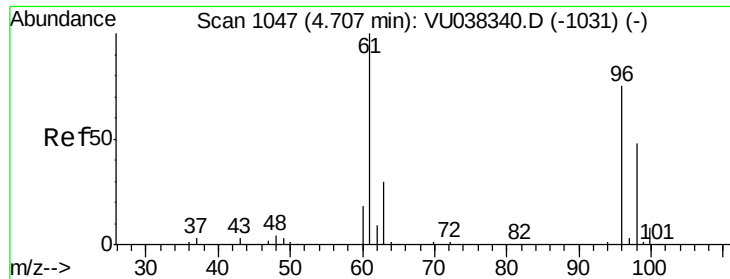
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#19
1,1-Dichloroethane
Concen: 6.71 ug/L
RT: 3.91 min Scan# 799
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion	Ratio	Lower	Upper
63	100		
65	34.7	22.2	41.2
83	13.9	9.4	17.4





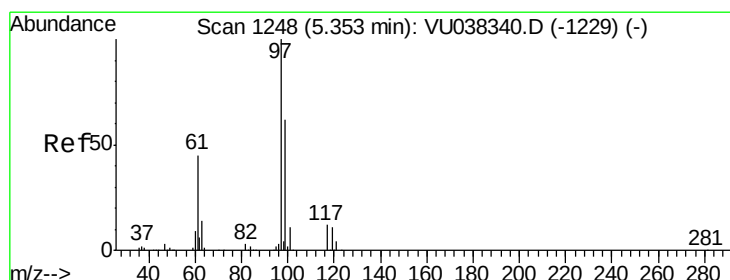
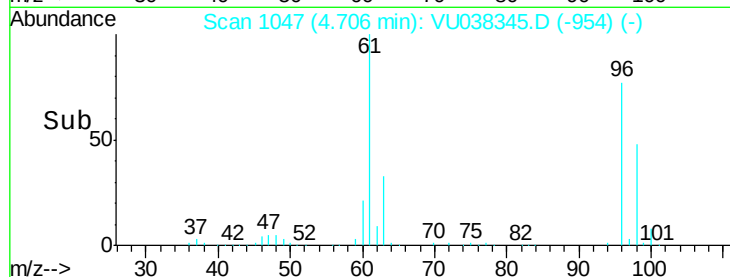
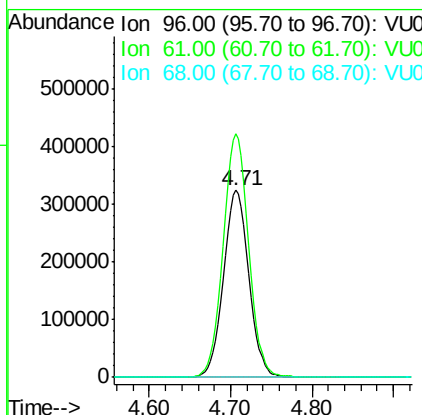
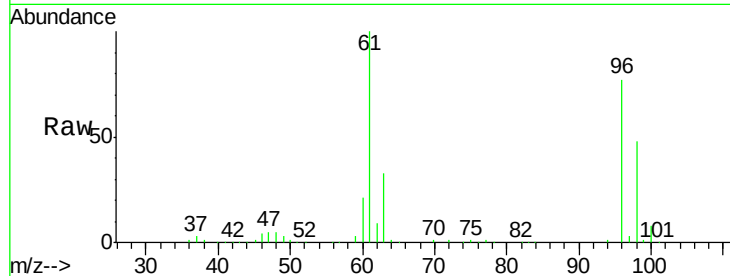
#20
 cis-1,2-Dichloroethene
 Concen: 183.69 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU038345.D
 Acq: 28 May 2020 15:08

Instrument :
 MSVOA_U
 ClientSampled :
 ETKW8MS

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	712900		
61	130.2	93.4	173.4	
68	0.0	0.0	0.0	

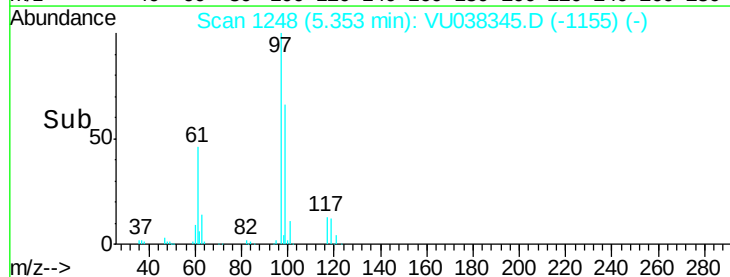
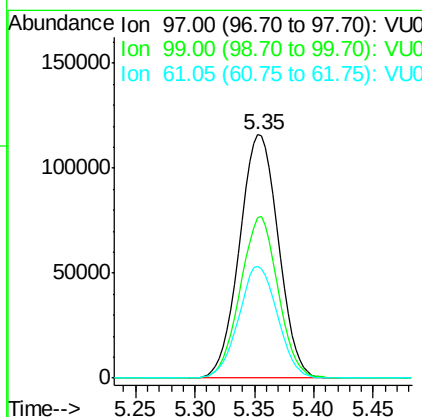
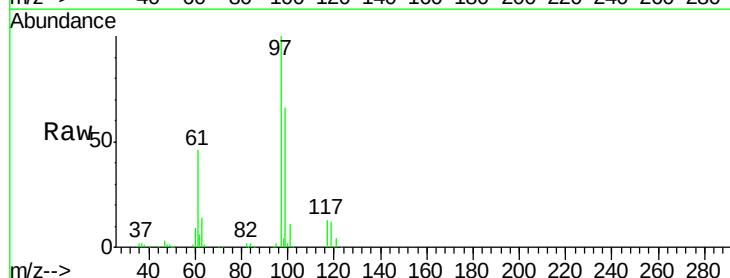
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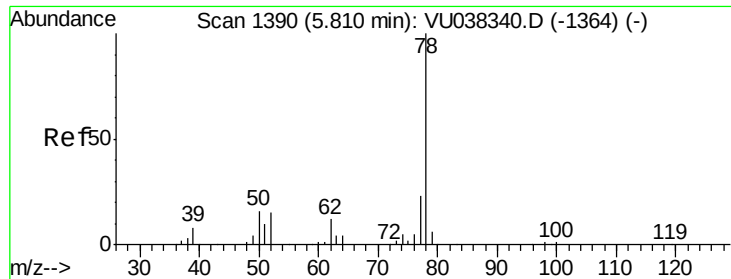
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#30
 1,1,1-Trichloroethane
 Concen: 46.43 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU038345.D
 Acq: 28 May 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	262956		
99	64.7	51.2	76.8	
61	45.7	35.9	53.9	





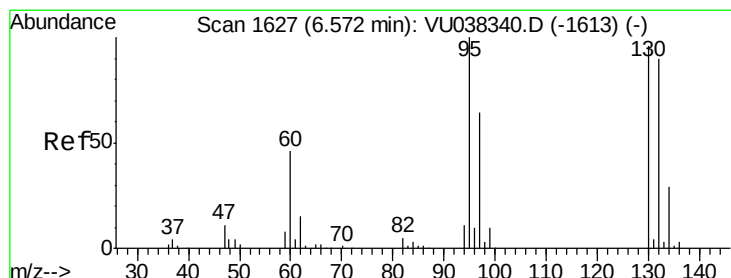
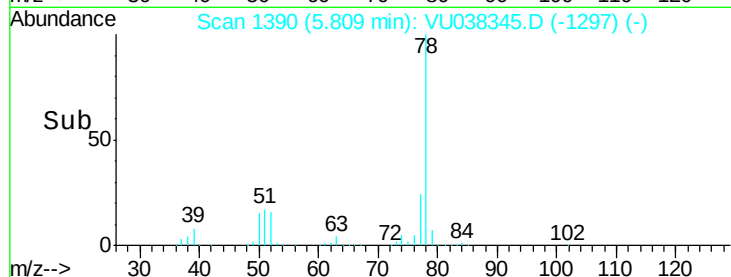
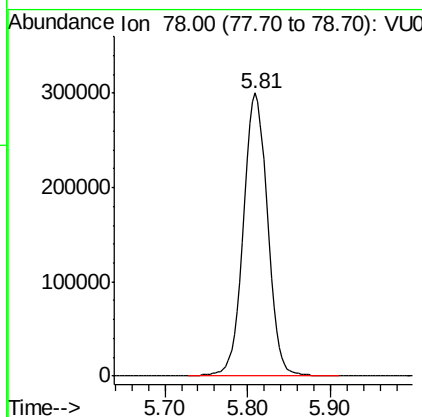
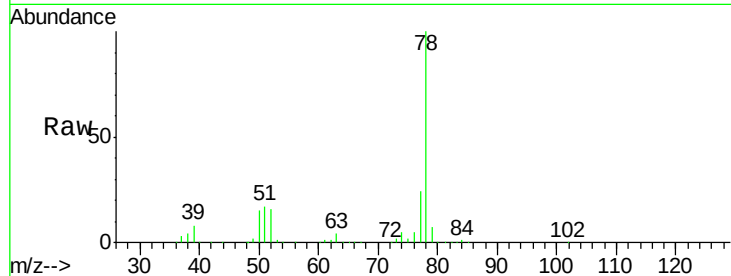
#33
Benzene
Concen: 41.78 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion: 78 Resp: 611209

Manual Integrations
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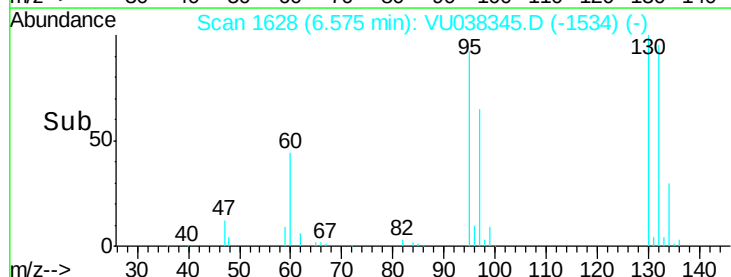
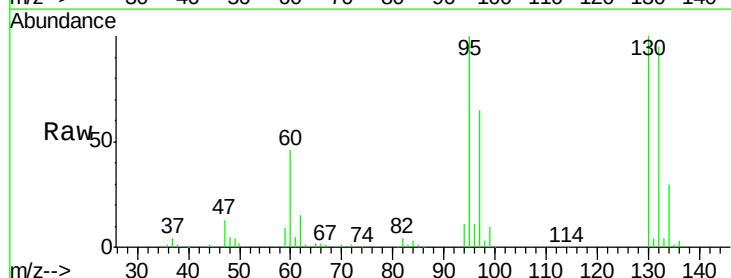
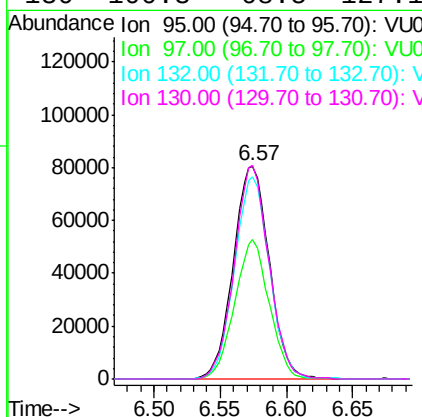
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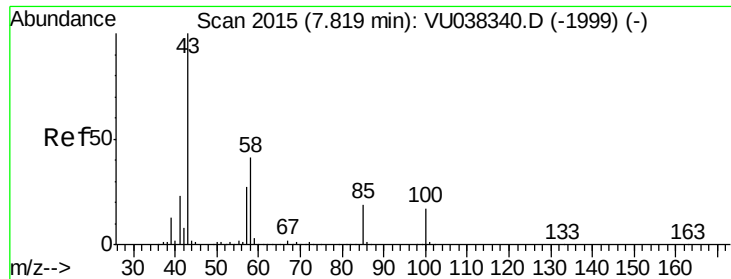


#34
Trichloroethene
Concen: 40.61 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion: 95 Resp: 151988

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.3	82.3
132	95.2	64.7	120.1
130	100.3	68.5	127.1





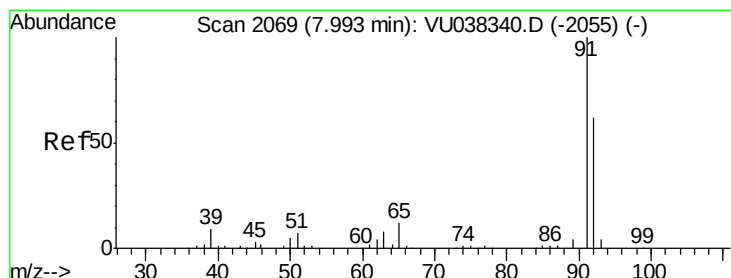
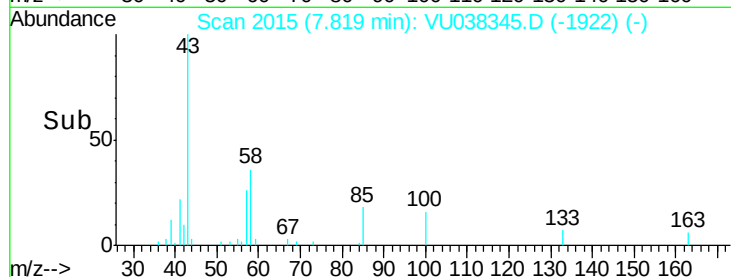
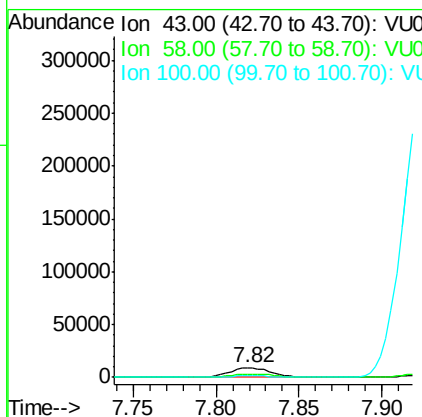
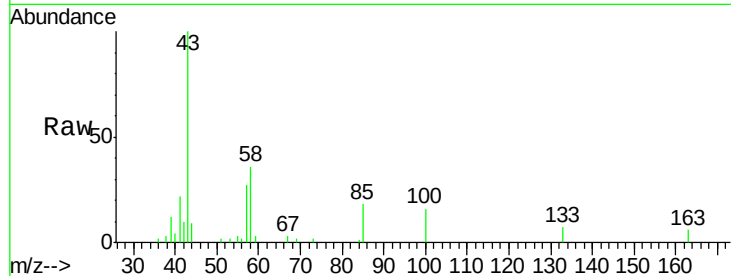
#40
 4-Methyl-2-pentanone
 Concen: 2.63 ug/L
 RT: 7.82 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: VU038345.D
 Acq: 28 May 2020 15:08

Instrument :
 MSVOA_U
 ClientSampleId :
 ETKW8MS

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.6	32.6	48.8
100	15.7	12.9	19.3

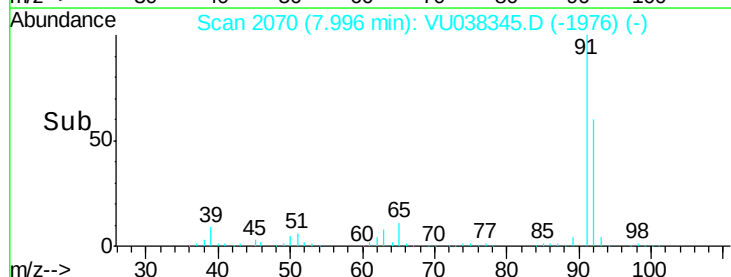
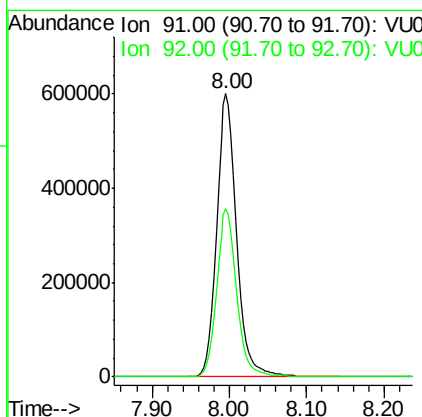
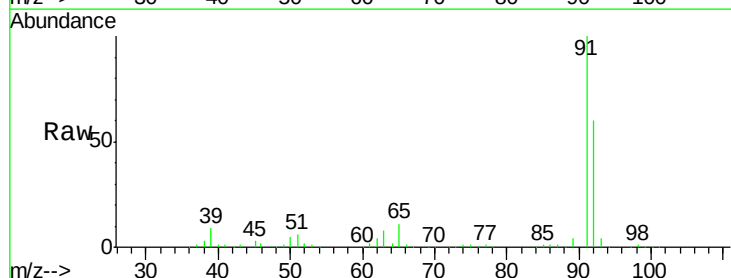
Manual Integrations
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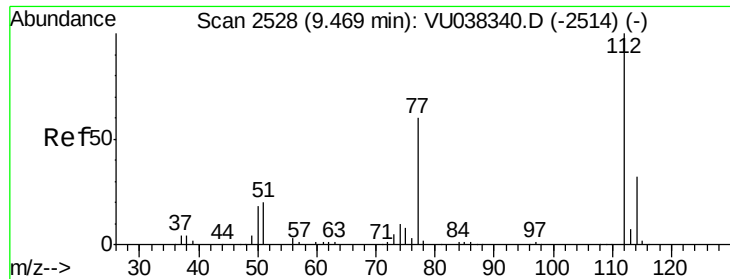
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#42
 Toluene
 Concen: 70.90 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VU038345.D
 Acq: 28 May 2020 15:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.6	42.0	78.0





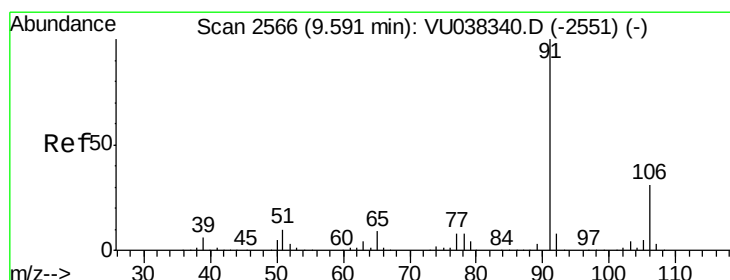
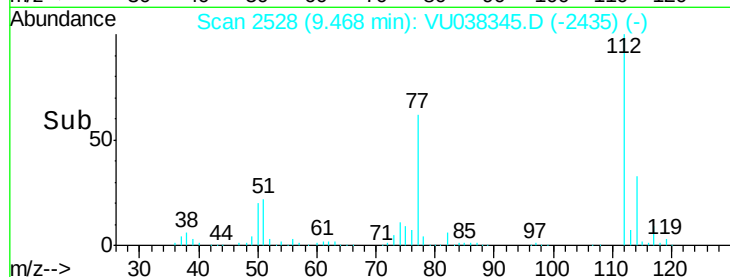
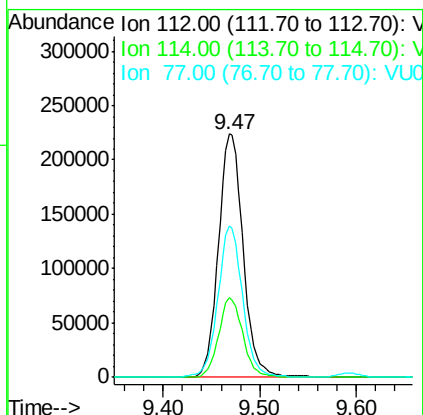
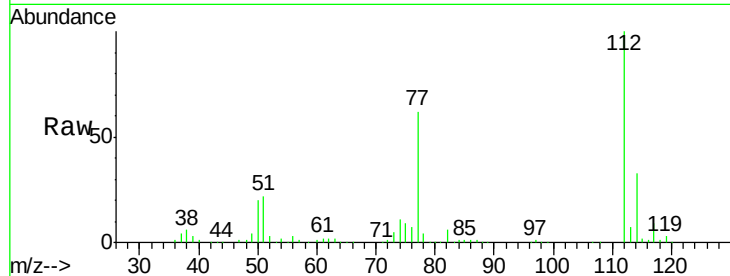
#51
Chlorobenzene
Concen: 40.12 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	395956		
114	32.6	22.6	42.0	
77	62.4	48.8	73.2	

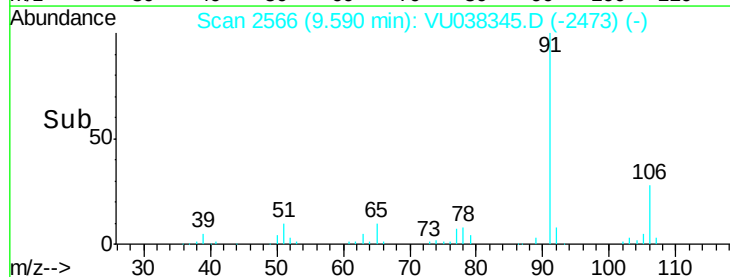
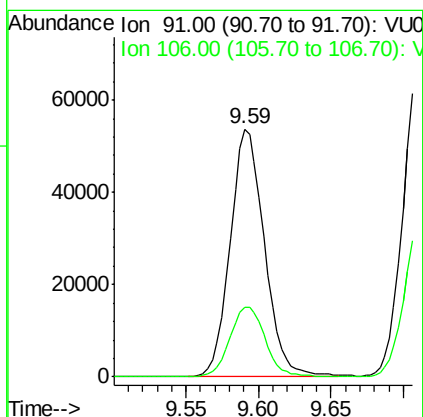
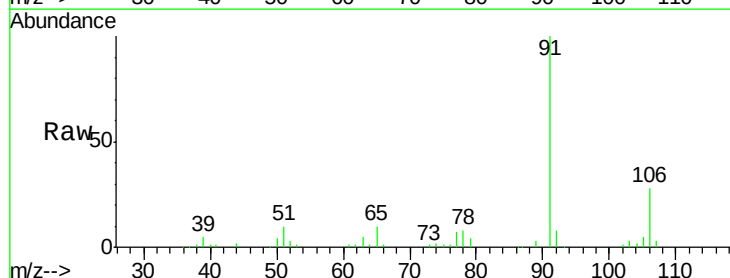
Manual Integrations
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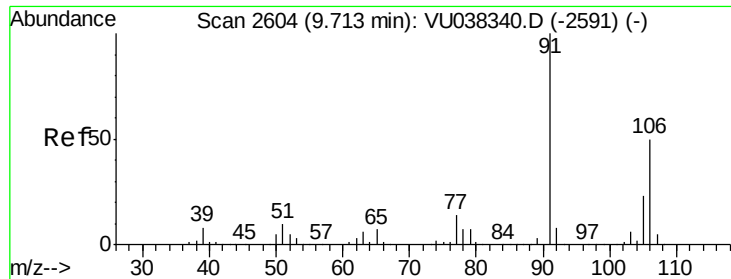
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#52
Ethylbenzene
Concen: 5.13 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	88198		
106	28.4	21.2	39.4	





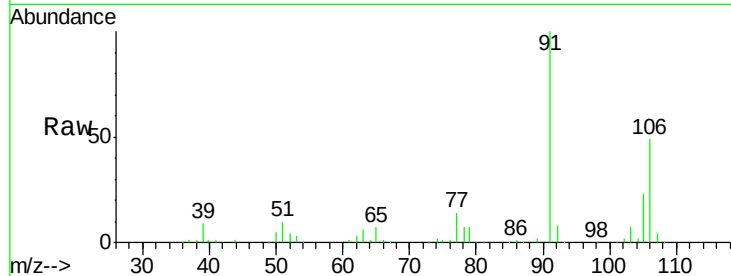
#53
m,p-Xylene
Concen: 9.89 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Instrument :
MSVOA_U
ClientSampled :
ETKW8MS

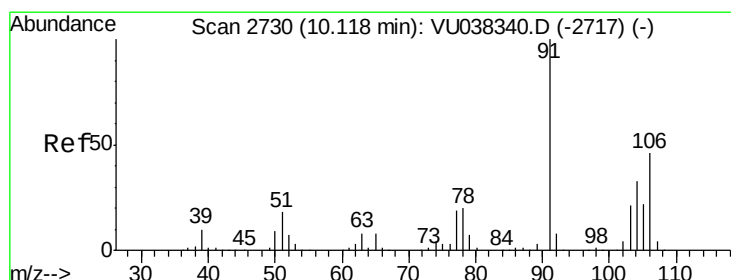
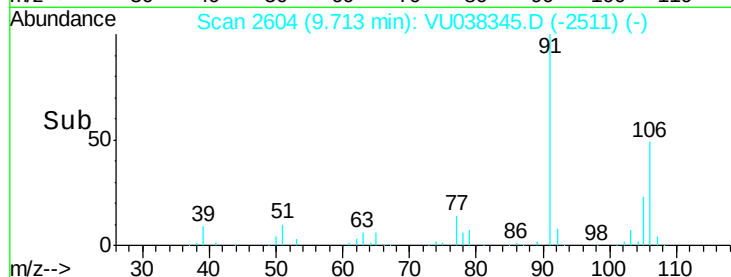
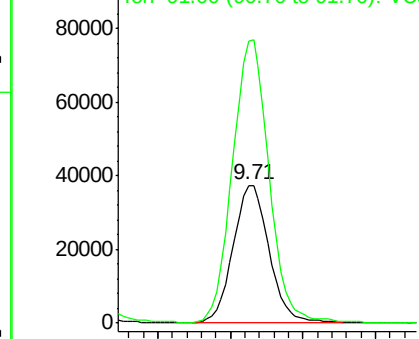
Tgt Ion:106 Resp: 65079
Ion Ratio Lower Upper
106 100
91 204.5 140.8 261.4

Manual Integrations
APPROVED

MMDadoda
6/1/2020 12:26:37 PM

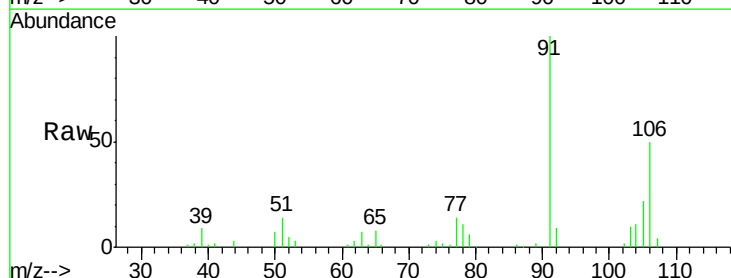


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

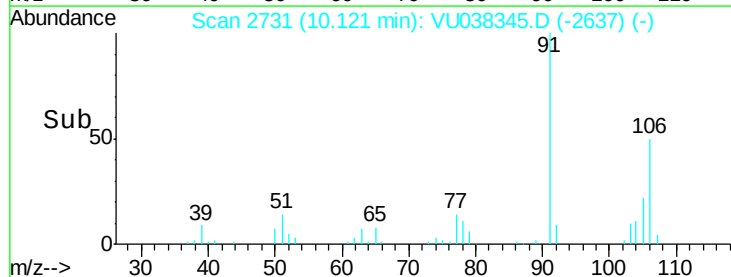
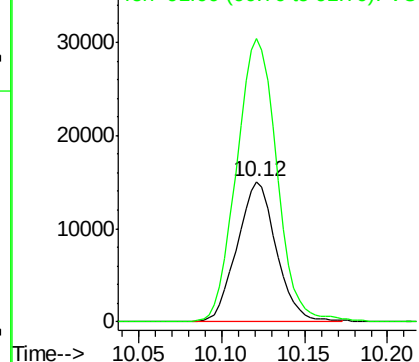


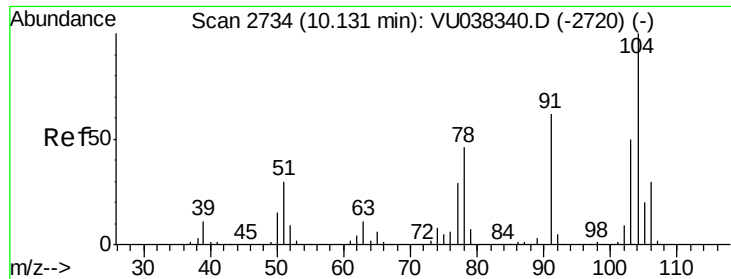
#54
o-xylene
Concen: 3.86 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU038345.D
Acq: 28 May 2020 15:08

Tgt Ion:106 Resp: 24677
Ion Ratio Lower Upper
106 100
91 201.7 151.3 280.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#55

Styrene

Concen: 0.99 ug/L

RT: 10.14 min Scan# 2736

Delta R.T. 0.01 min

Lab File: VU038345.D

Acq: 28 May 2020 15:08

Instrument :

MSVOA_U

ClientSampleId :

ETKW8MS

Tgt Ion:104 Resp: 10903

Ion Ratio Lower Upper

104 100

78 43.5 32.1 59.7

Manual Integrations

APPROVED

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6/1/2020 12:26:37 PM

