

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032299.D
 Acq On : 24 May 2019 09:27
 Operator : JC/SP
 Sample : K3001-12 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YF7

Manual Integrations
 APPROVED

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 5/28/2019 11:16:39 AM

Quant Time: May 24 10:08:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 07:24:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	796818	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	814417	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	381983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	238757	57.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.64%
7) Chloroethane-d5	1.67	69	214118	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.14%
11) 1,1-Dichloroethene-d2	2.27	63	345235	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.58%
21) 2-Butanone-d5	4.17	46	343299	86.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.39%
24) Chloroform-d	4.64	84	478010	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
26) 1,2-Dichloroethane-d4	5.30	65	297802	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
32) Benzene-d6	5.33	84	1018099	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.32	67	307488	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.16%
41) Toluene-d8	7.56	98	927998	48.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%
43) trans-1,3-Dichloropropene-	7.85	79	136021	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
47) 2-Hexanone-d5	8.31	63	248042	89.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	457326	41.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	396545	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Ovalue
13) Acetone	2.32	43	4984	1.556 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	13011m	2.003 ug/L	
29) Cyclohexane	4.99	56	14524	2.279 ug/L	95
35) Methylcyclohexane	6.41	83	100306	14.369 ug/L	97
42) Toluene	7.62	91	24663926m	1005.455 ug/L	
52) Ethylbenzene	9.24	91	2162094	86.725 ug/L	100
53) m,p-Xylene	9.37	106	2495288	259.310 ug/L	99
54) o-xylene	9.77	106	789173	78.644 ug/L	97
56) Isopropylbenzene	10.16	105	43692	1.864 ug/L	99

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

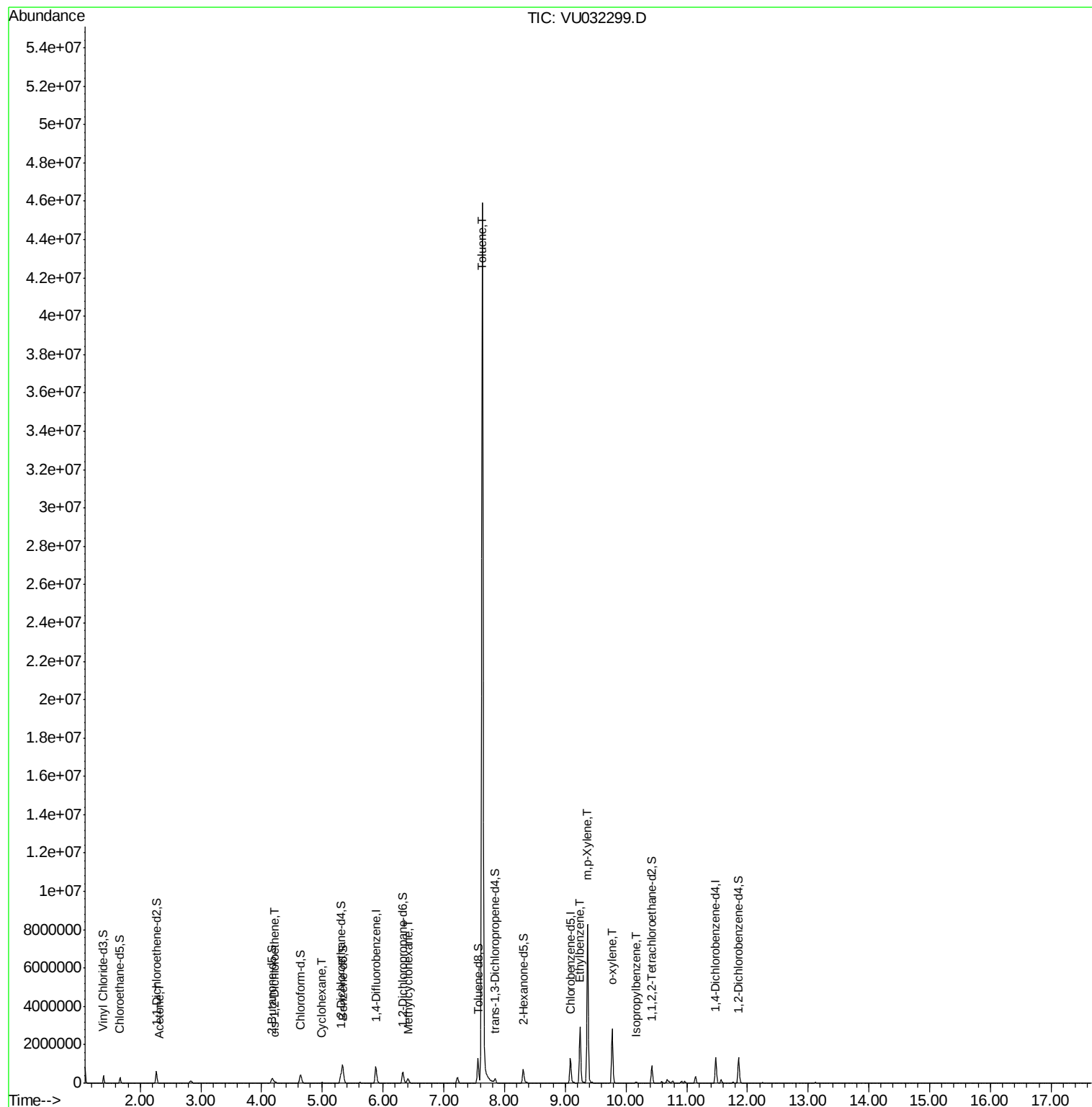
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052419\
Data File : VU032299.D
Acq On : 24 May 2019 09:27
Operator : JC/SP
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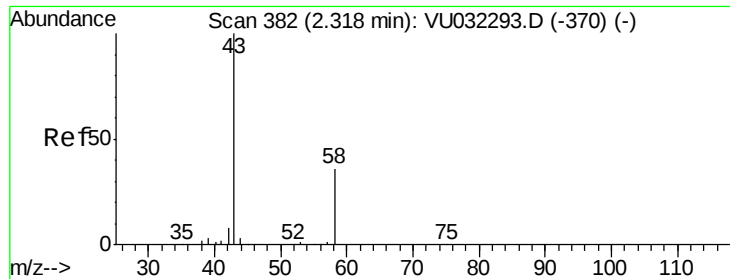
Instrument :
MSVOA_U
ClientSampleId :
E3YF7

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Quant Time: May 24 10:08:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 07:24:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.556 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032299.D

Acq: 24 May 2019 09:27

Instrument :

MSVOA_U

ClientSampled :

E3YF7

Tot Ion: 43 Resp: 4984

Ion Ratio Lower Upper

43 100

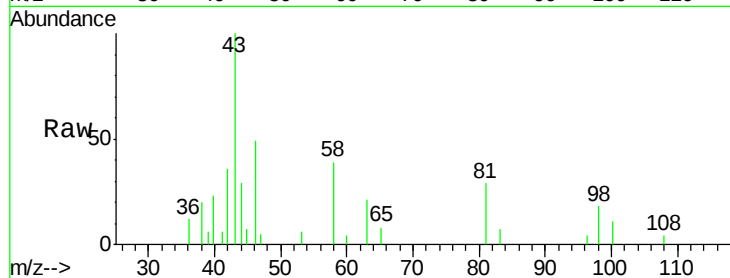
58 40.2 0.0 77.2

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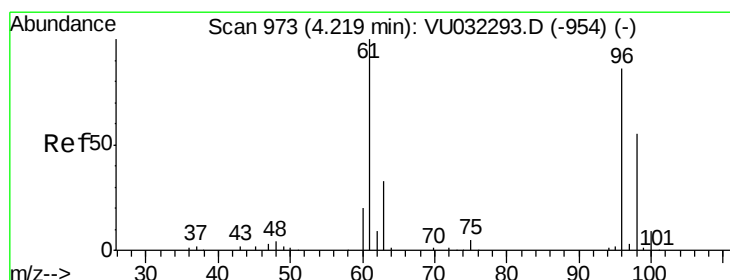
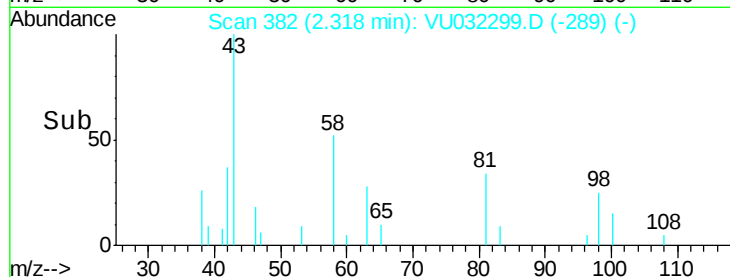
Abundance Ion 43.00 (42.70 to 43.70): VU032299.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032299.D (-370) (-)

2.32

2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 2.003 ug/L m

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU032299.D

Acq: 24 May 2019 09:27

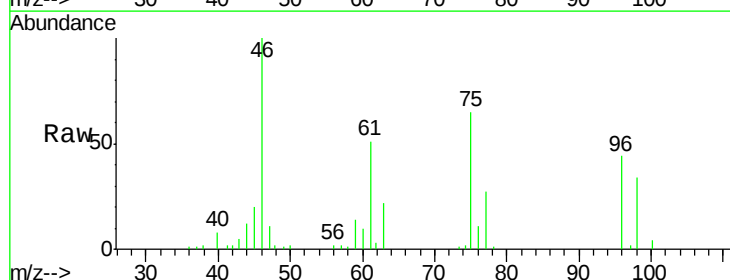
Tgt Ion: 96 Resp: 13011

Ion Ratio Lower Upper

96 100

61 117.0 78.5 145.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032299.D (-954) (-)

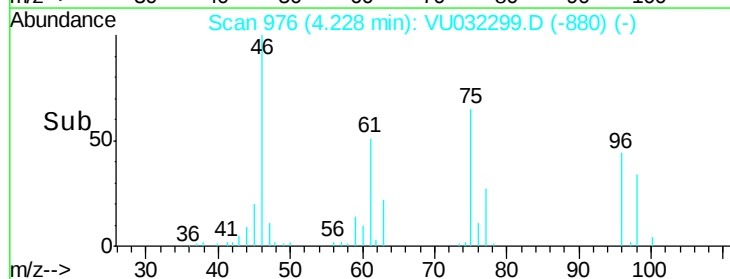
Ion 61.00 (60.70 to 61.70): VU032299.D (-954) (-)

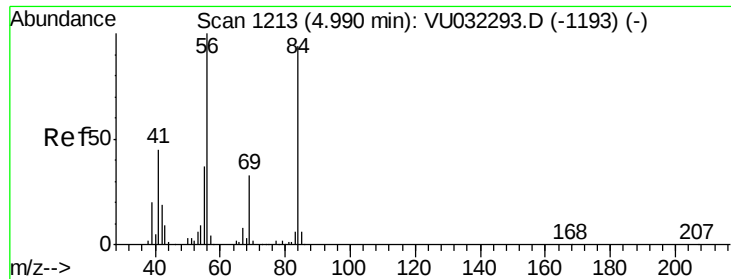
Ion 68.00 (67.70 to 68.70): VU032299.D (-954) (-)

4.23

4.10 4.20 4.30

Time-->





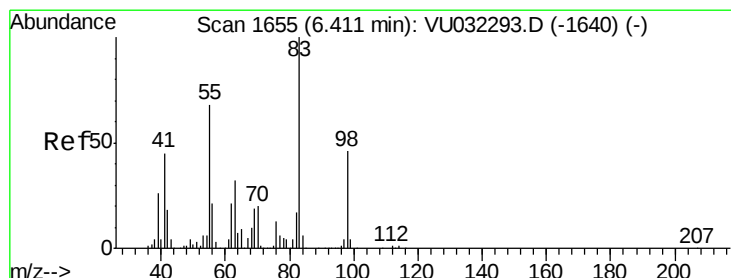
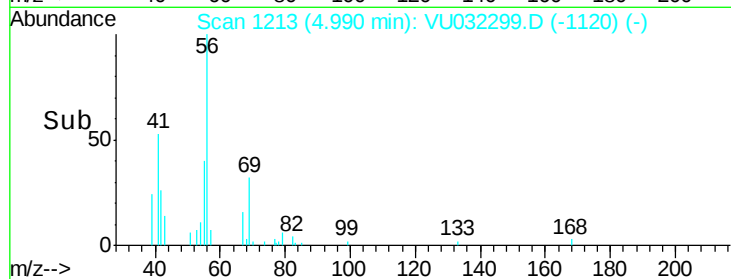
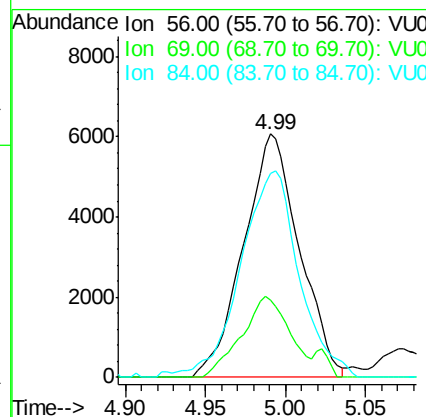
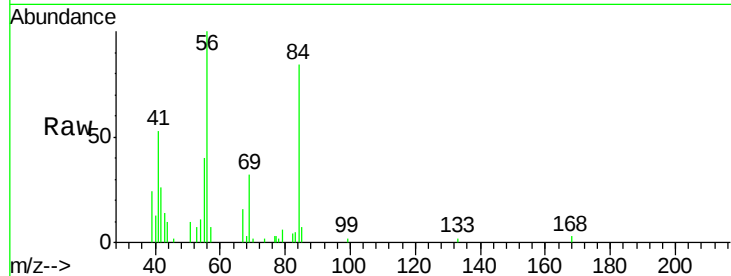
#29
Cyclohexane
Concen: 2.279 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VU032299.D
Acq: 24 May 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
E3YF7

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	26.6	40.0
84	88.7	73.8	110.8

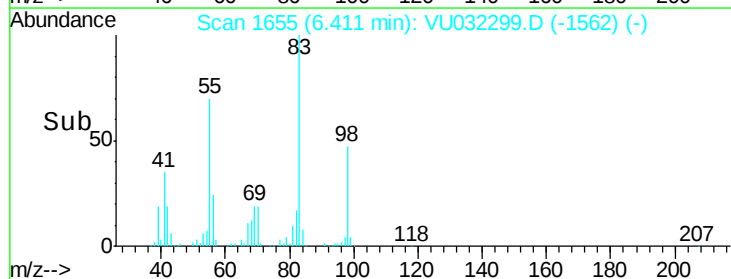
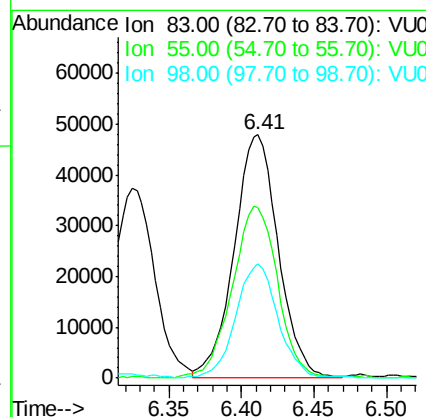
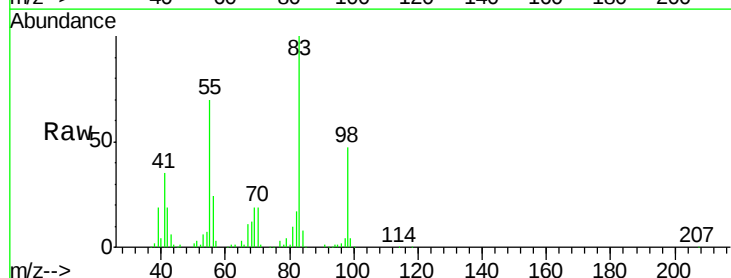
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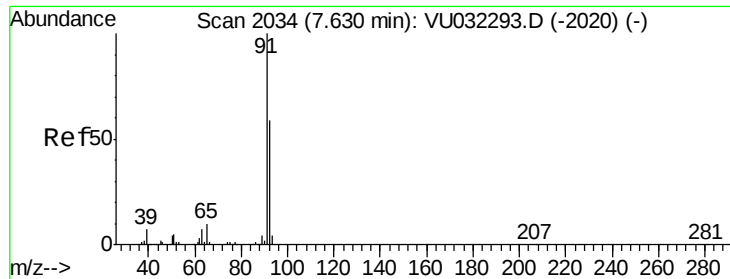
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#35
Methylcyclohexane
Concen: 14.369 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU032299.D
Acq: 24 May 2019 09:27

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.5	56.1	84.1
98	44.9	36.8	55.2





#42

Toluene

Concen: 1005.455 ug/L m

RT: 7.62 min Scan# 2031

Delta R.T. -0.01 min

Lab File: VU032299.D

Acq: 24 May 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

E3YF7

Tot Ion: 91 Resp: 24663926

Ion Ratio Lower Upper

91 100

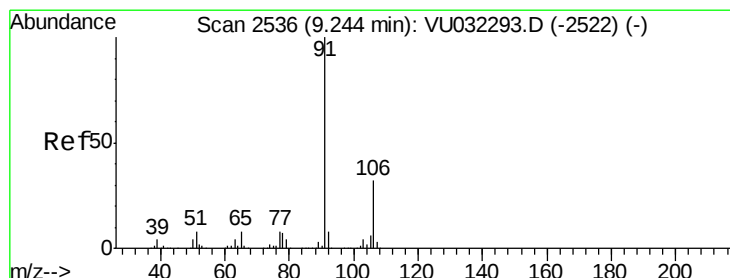
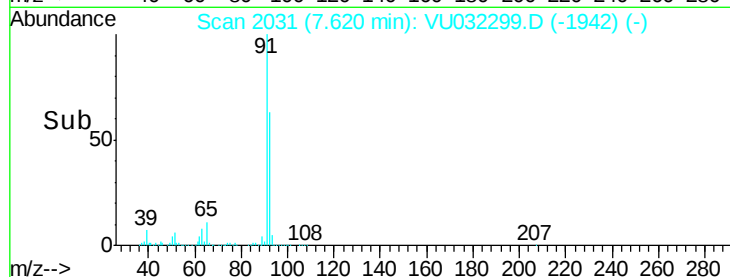
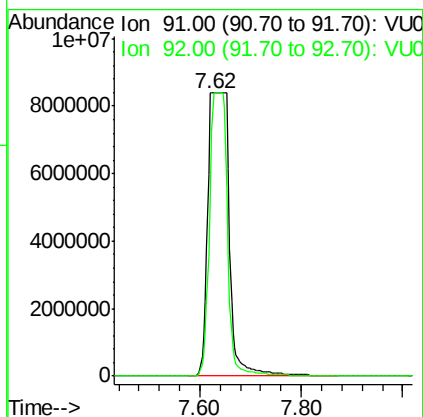
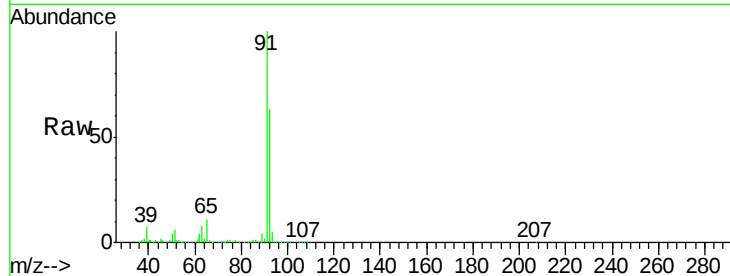
92 62.8 40.3 74.9

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#52

Ethylbenzene

Concen: 86.725 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. 0.00 min

Lab File: VU032299.D

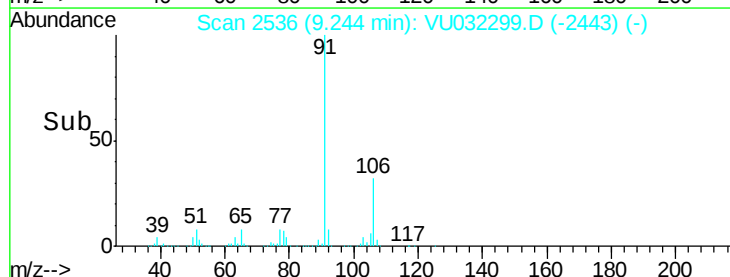
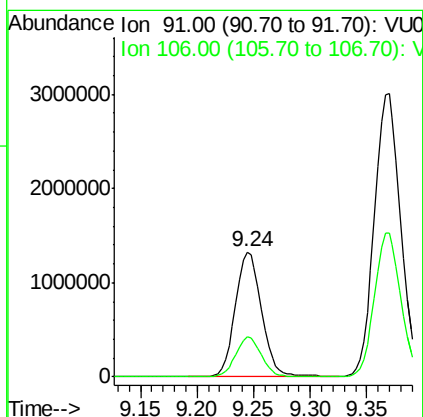
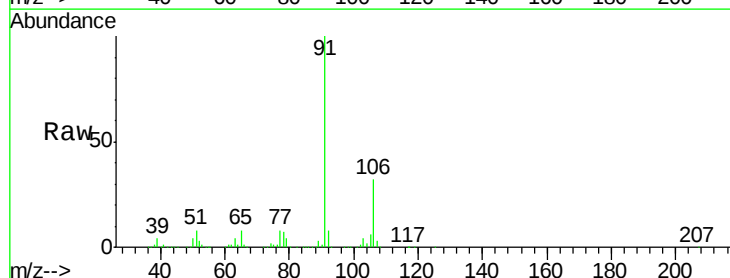
Acq: 24 May 2019 09:27

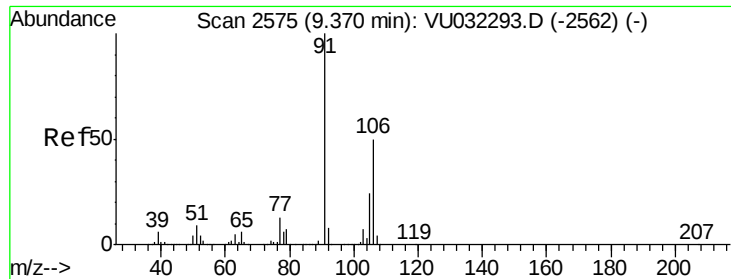
Tgt Ion: 91 Resp: 2162094

Ion Ratio Lower Upper

91 100

106 31.6 22.0 41.0





#53

m,p-Xylene

Concen: 259.310 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032299.D

Acq: 24 May 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

E3YF7

Tot Ion:106 Resp: 2495288

Ion Ratio Lower Upper

106 100

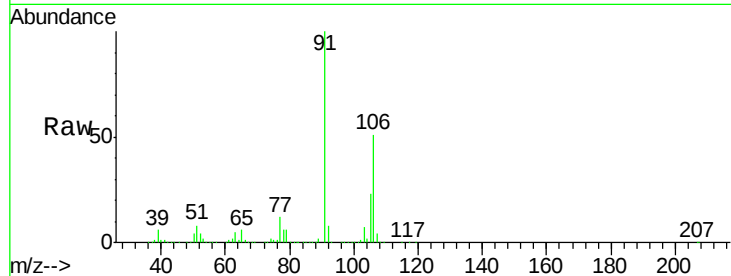
91 196.7 136.5 253.5

Manual Integrations

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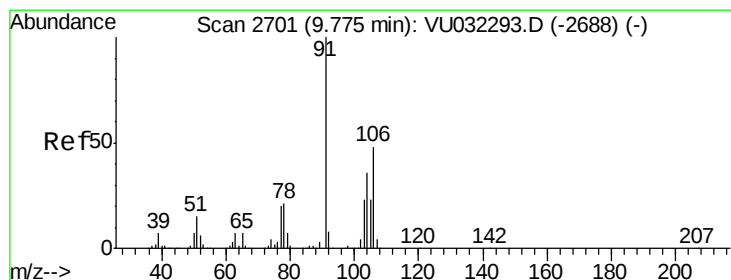
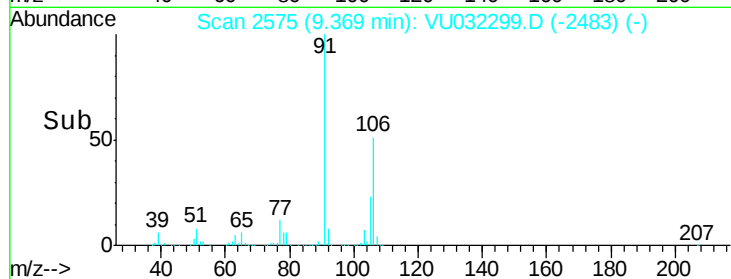
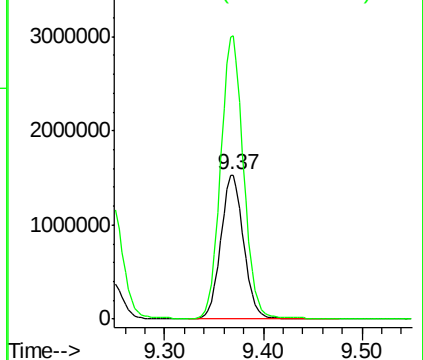
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 78.644 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU032299.D

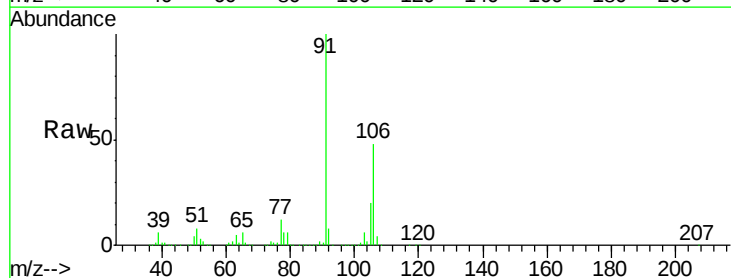
Acq: 24 May 2019 09:27

Tgt Ion:106 Resp: 789173

Ion Ratio Lower Upper

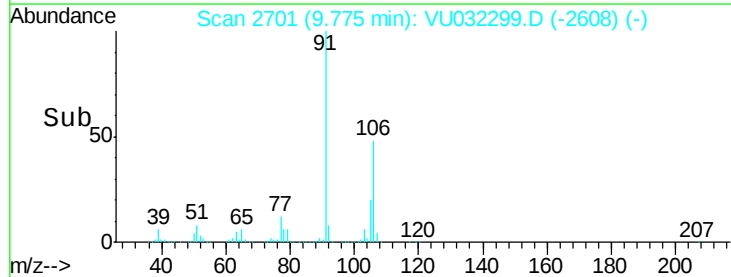
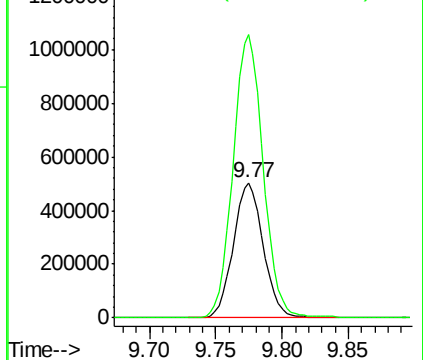
106 100

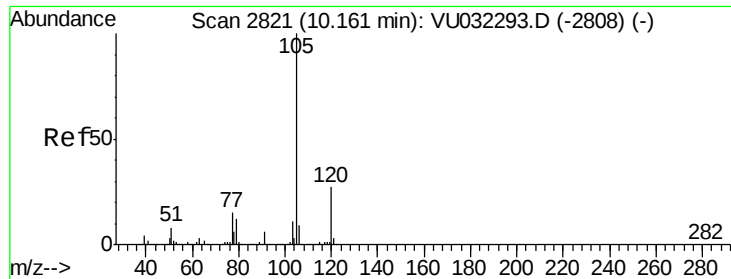
91 209.9 150.3 279.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56
Isopropylbenzene
Concen: 1.864 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032299.D
Acq: 24 May 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :
E3YF7

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.2	21.0	31.4
77	14.4	11.8	17.6

Manual Integrations
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5/28/2019 11:16:39 AM

