

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041531.D
 Acq On : 10 Dec 2020 13:12
 Operator : SY/MD
 Sample : L4979-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1G4

Manual Integrations
 APPROVED

MMDadoda
 12/12/2020 12:57:14 PM

Quant Time: Dec 11 06:30:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	46557	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	45954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	11166	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.92	69	10547	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.58	63	21429	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.66	46	33251	37.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.16%
24) Chloroform-d	5.08	84	32095	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	20492	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.74	84	49726	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	12775	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.90	98	48178	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.18	79	7516	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	26476	35.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	13558	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	22845	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

					Ovalue
13) Acetone	2.67	43	7887	11.298	ug/L 98
14) Carbon disulfide	2.81	76	2271	0.270	ug/L 98
21) 2-Butanone	4.75	43	2274m	2.603	ug/L
33) Benzene	5.79	78	2505	0.220	ug/L 100
42) Toluene	7.97	91	8110	0.633	ug/L 97
52) Ethylbenzene	9.57	91	2378	0.162	ug/L 90
53) m,p-Xylene	9.69	106	779	0.146	ug/L 97

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

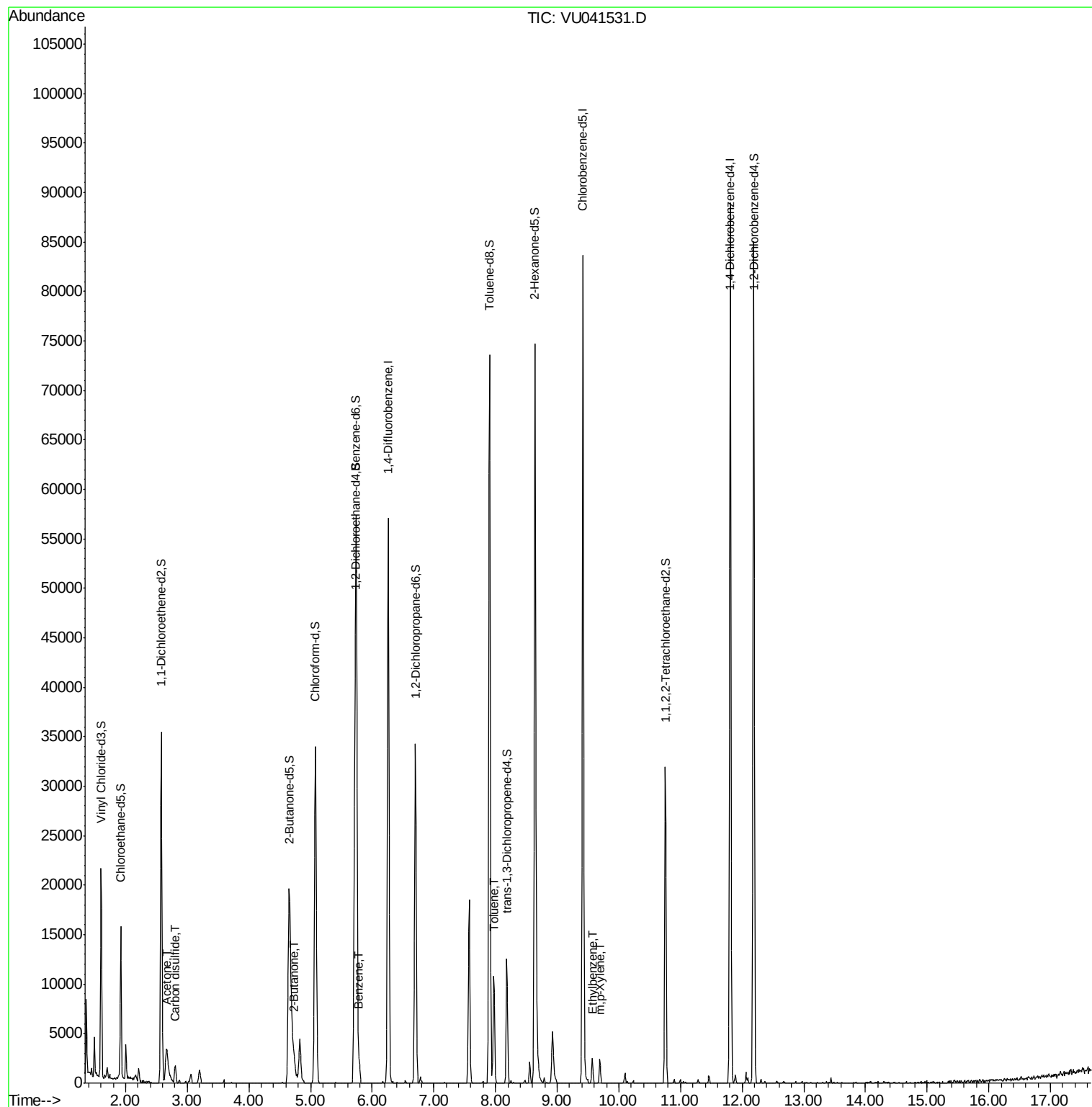
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121020\
Data File : VU041531.D
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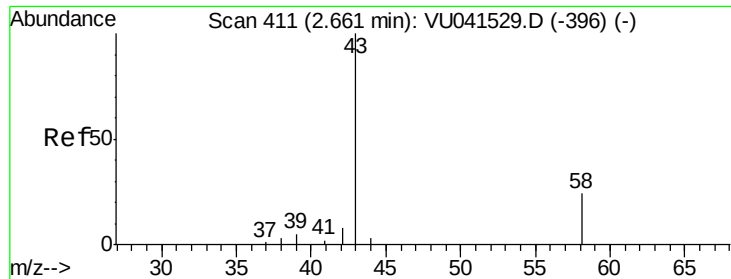
Instrument :
MSVOA_U
ClientSampleId :
GB1G4

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Quant Time: Dec 11 06:30:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 06:06:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 11.298 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU041531.D

Acq: 10 Dec 2020 13:12

Instrument :

MSVOA_U

ClientSampleId :

GB1G4

Tot Ion: 43 Resp: 7887

Ion Ratio Lower Upper

43 100

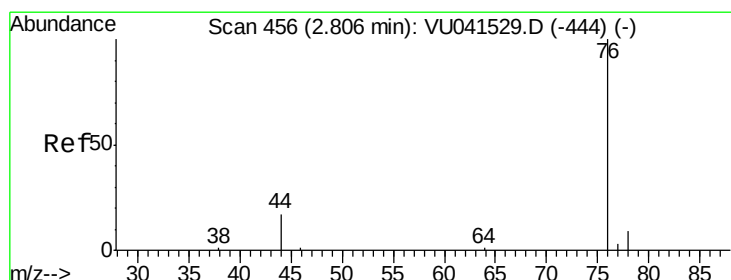
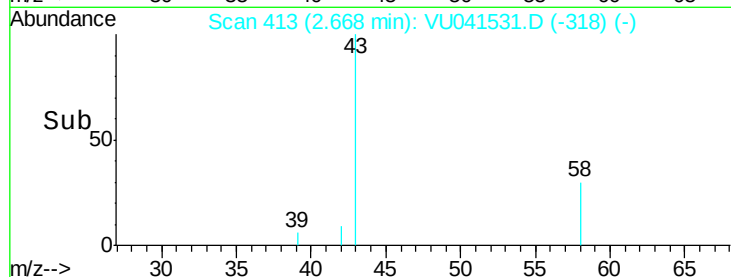
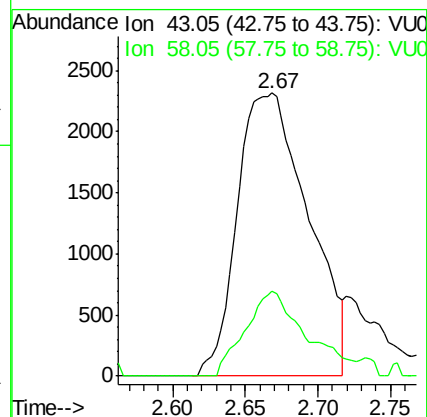
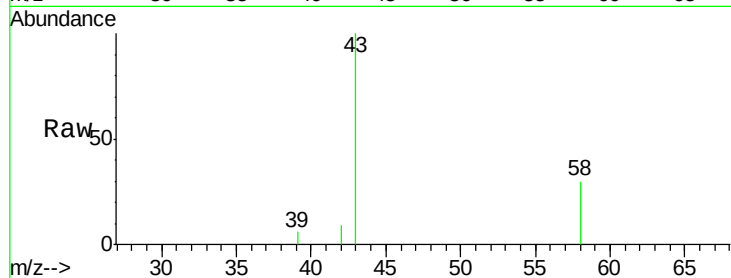
58 26.0 0.0 50.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.270 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041531.D

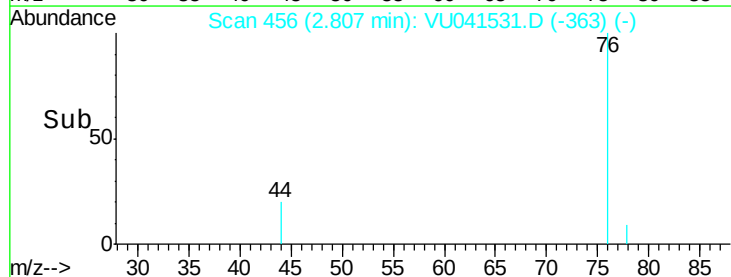
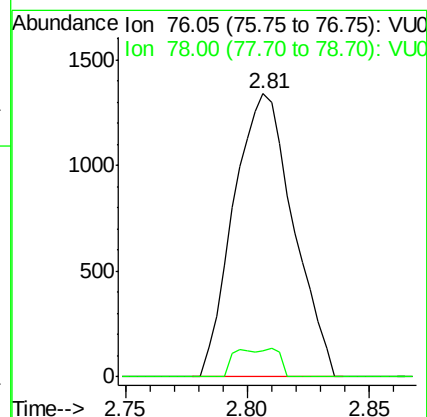
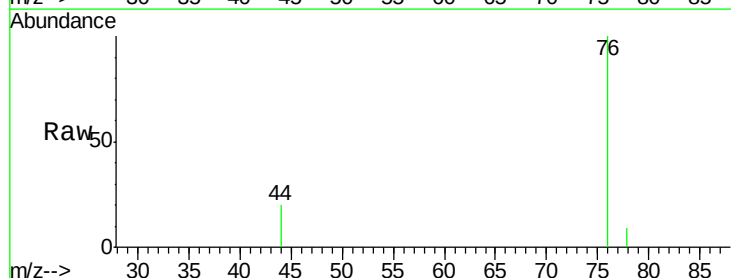
Acq: 10 Dec 2020 13:12

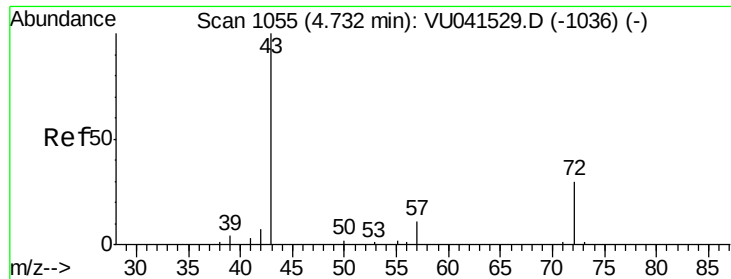
Tgt Ion: 76 Resp: 2271

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2





#21

2-Butanone

Concen: 2.603 ug/L m

RT: 4.75 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VU041531.D

Acq: 10 Dec 2020 13:12

Instrument :

MSVOA_U

ClientSampled :

GB1G4

Tot Ion: 43 Resp: 2274

Ion Ratio Lower Upper

43 100

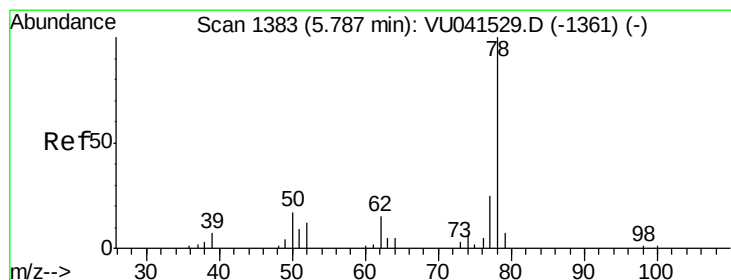
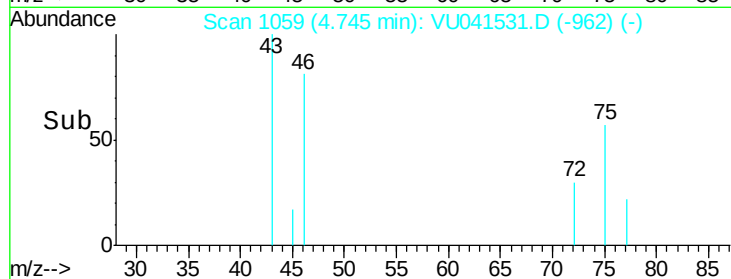
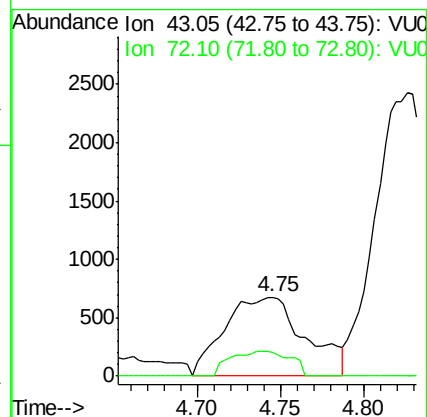
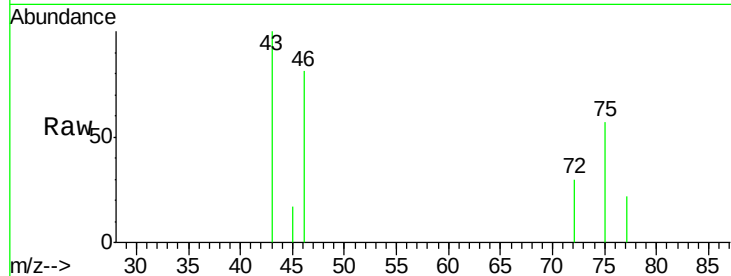
72 23.4 15.7 47.1

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#33

Benzene

Concen: 0.220 ug/L

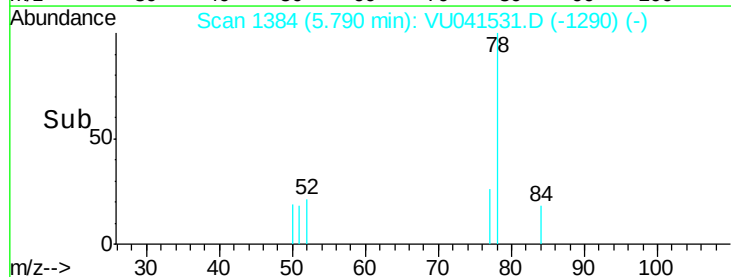
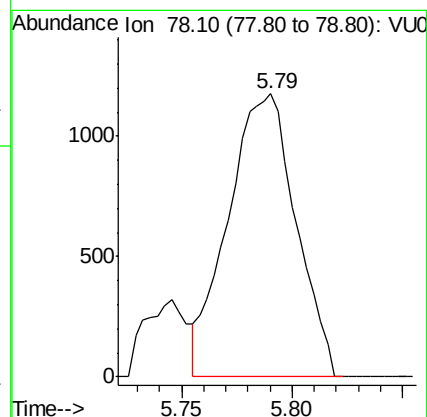
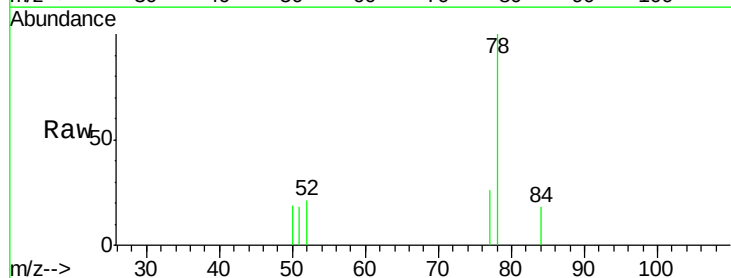
RT: 5.79 min Scan# 1384

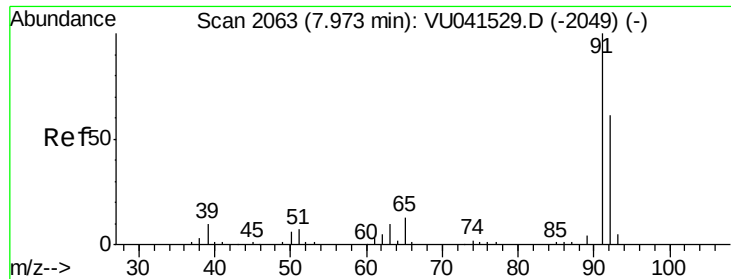
Delta R.T. 0.00 min

Lab File: VU041531.D

Acq: 10 Dec 2020 13:12

Tgt Ion: 78 Resp: 2505





#42

Toluene

Concen: 0.633 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU041531.D

Acq: 10 Dec 2020 13:12

Instrument :

MSVOA_U

ClientSampled :

GB1G4

Tot Ion: 91 Resp: 8110

Ion Ratio Lower Upper

91 100

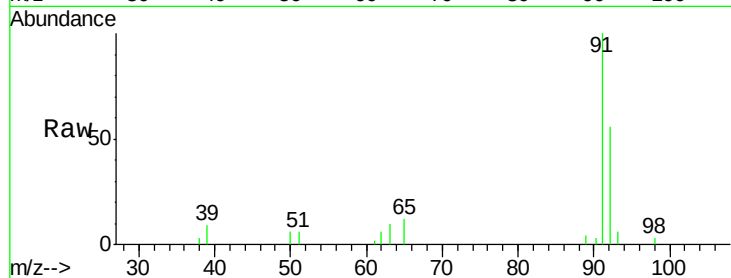
92 56.1 40.8 75.8

Manual Integrations

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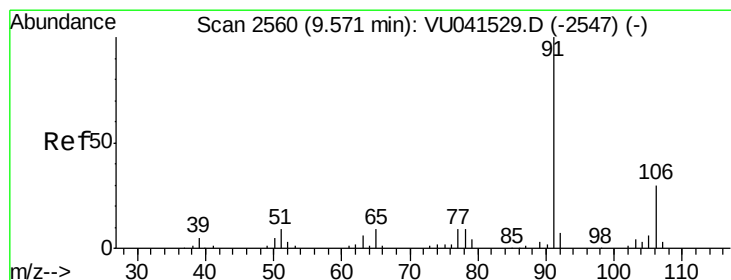
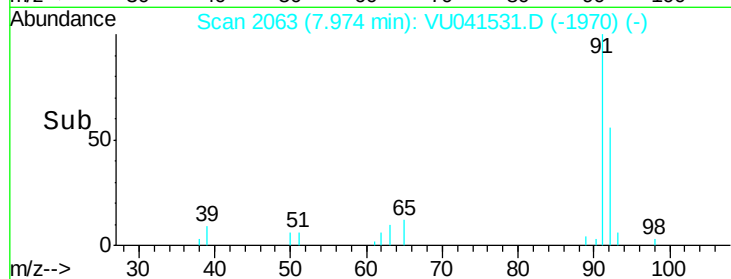
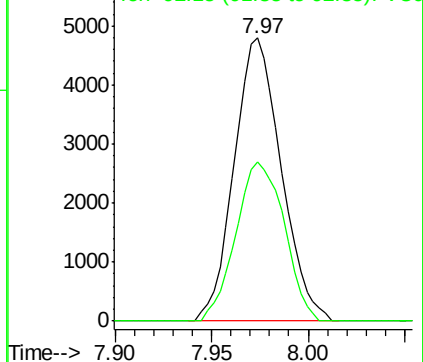
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Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#52

Ethylbenzene

Concen: 0.162 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041531.D

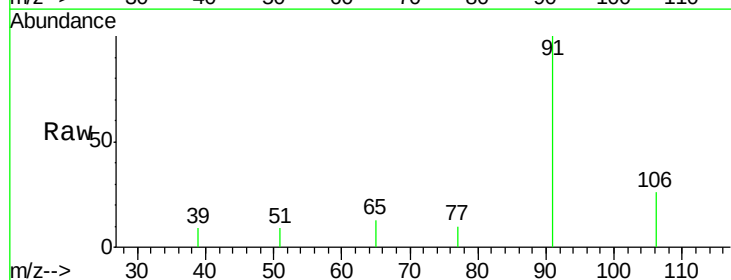
Acq: 10 Dec 2020 13:12

Tgt Ion: 91 Resp: 2378

Ion Ratio Lower Upper

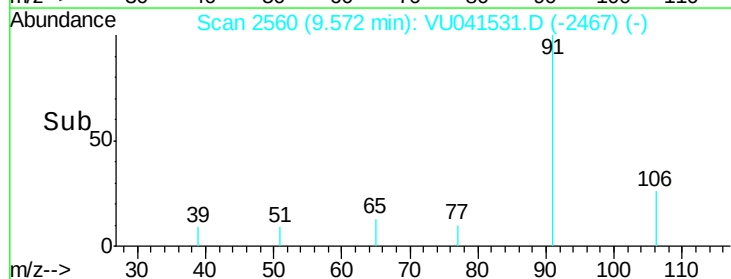
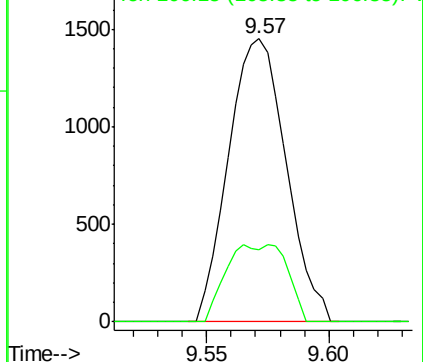
91 100

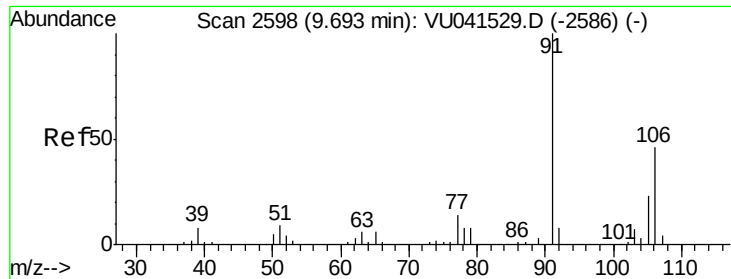
106 25.6 21.8 40.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53
 m,p-Xylene
 Concen: 0.146 ug/L
 RT: 9.69 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VU041531.D
 Acq: 10 Dec 2020 13:12

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1G4

Tot Ion	Ratio	Resp	Lower	Upper
106	100	779		
91	221.5		151.8	282.0

Manual Integrations
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