

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039778.D
 Acq On : 07 Aug 2020 11:40
 Operator : SY/MD
 Sample : L3572-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L86

Manual Integrations
 APPROVED

sam
 8/10/2020 8:18:19 AM

Quant Time: Aug 08 03:53:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	77564	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75266	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21390	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.92	69	21810	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	30699	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.66	46	93087	50.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	5.08	84	50341	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	31968	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	92231	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.70	67	31874	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	69059	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	10180	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	68880	54.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29423	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32733	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	47011	7.454 ug/L	96
13) Acetone	2.67	43	7011m	6.456 ug/L	
18) trans-1,2-Dichloroethene	3.37	96	824	0.160 ug/L #	55
22) cis-1,2-Dichloroethene	4.69	96	24085	4.299 ug/L	98
42) Toluene	7.98	91	13060	0.606 ug/L	97
53) m,p-Xylene	9.69	106	1461	0.159 ug/L	86

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

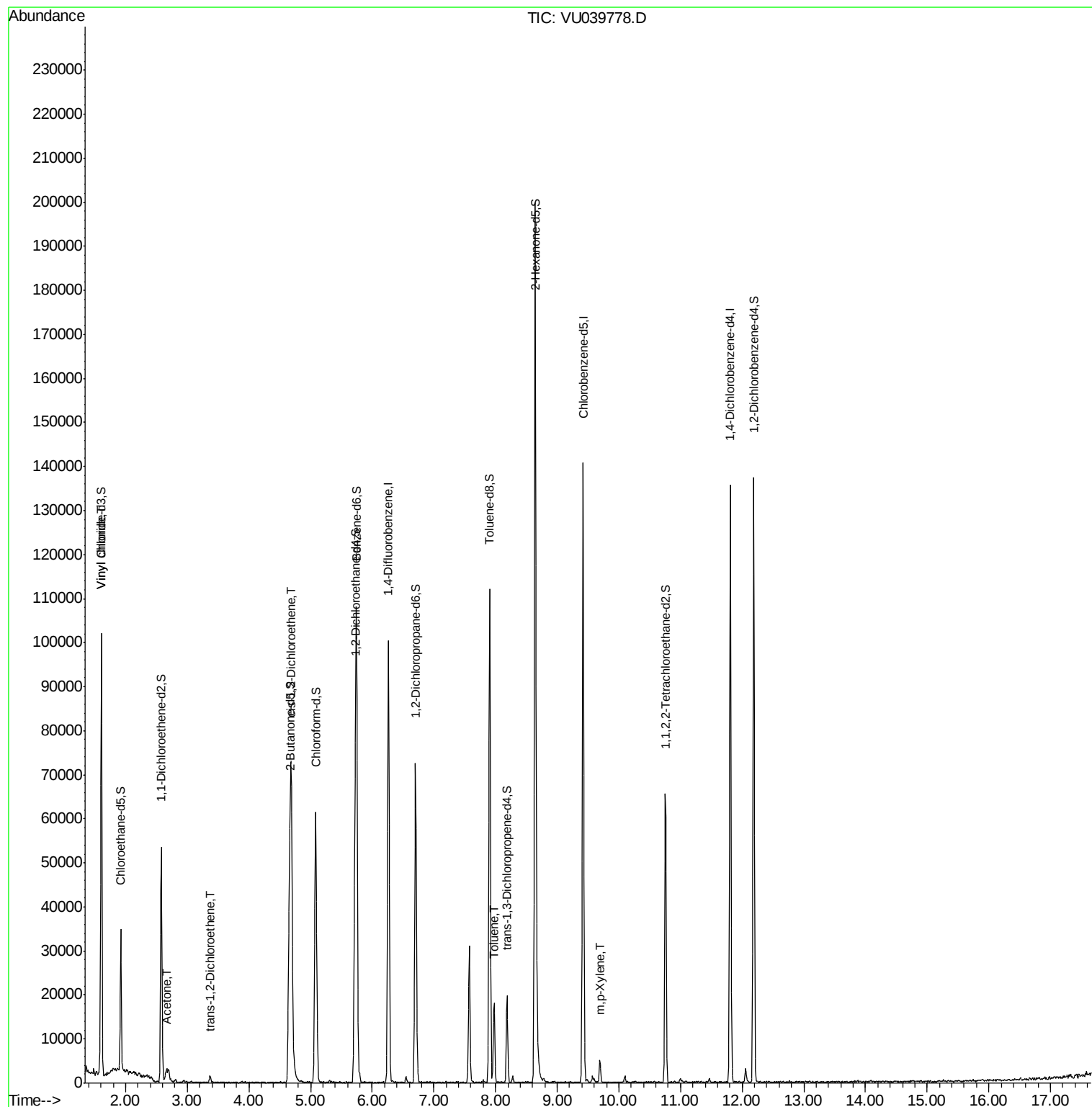
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080720\
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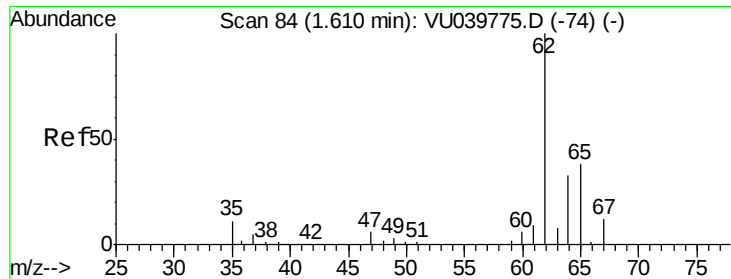
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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.454 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039778.D

Acq: 07 Aug 2020 11:40

Instrument :

MSVOA_U

ClientSampled :

F2L86

Tot Ion: 62 Resp: 47011

Ion Ratio Lower Upper

62 100

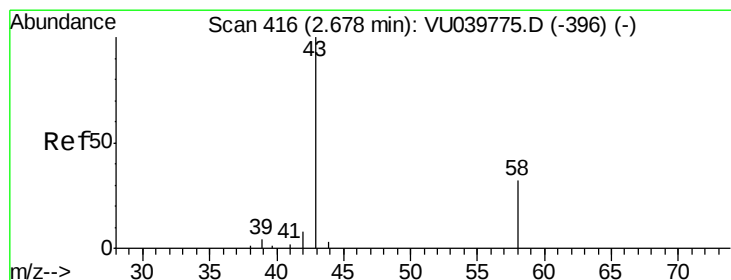
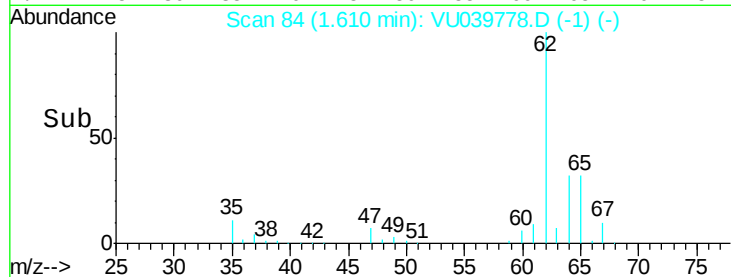
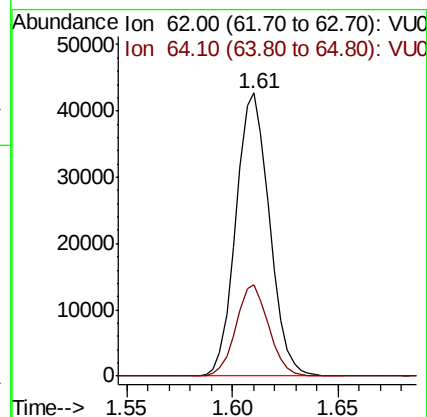
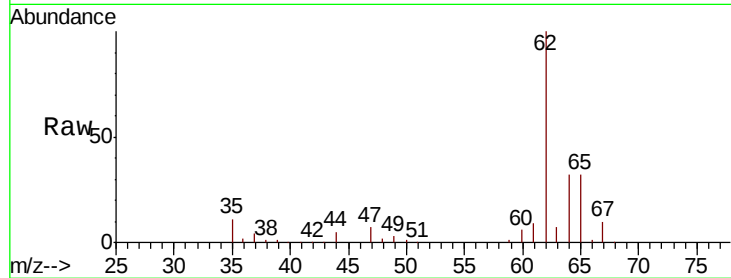
64 32.1 24.1 44.7

Manual Integrations

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#13

Acetone

Concen: 6.456 ug/L m

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU039778.D

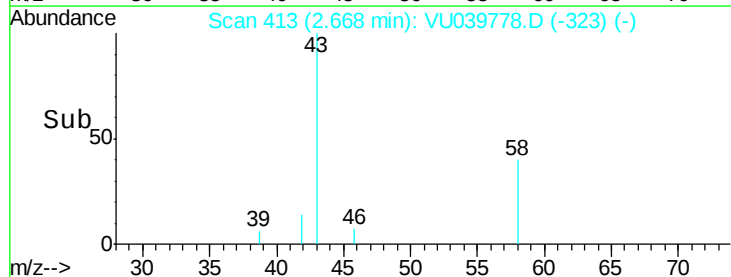
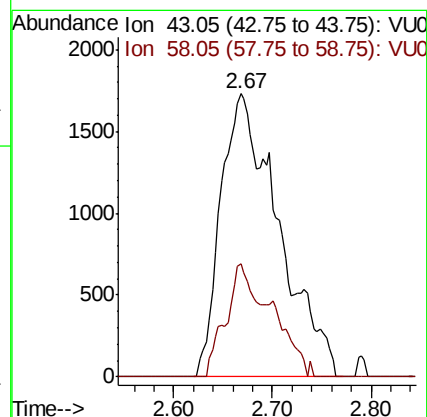
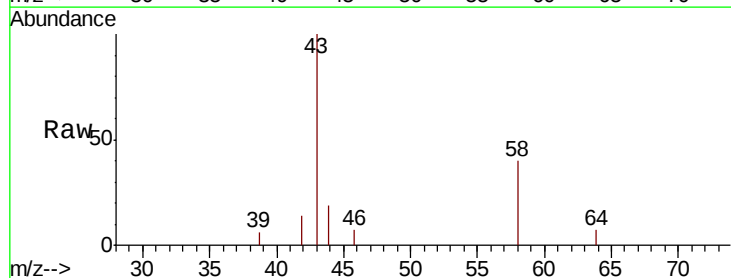
Acq: 07 Aug 2020 11:40

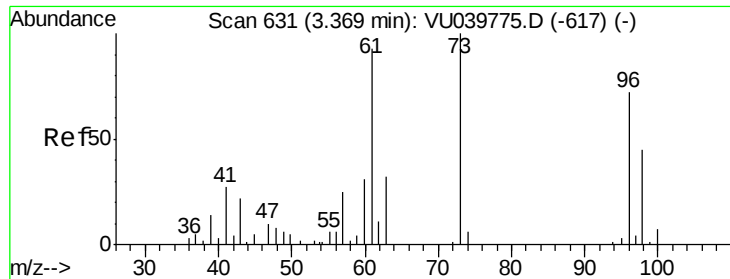
Tgt Ion: 43 Resp: 7011

Ion Ratio Lower Upper

43 100

58 21.2 0.0 61.8





#18

trans-1,2-Dichloroethene

Concen: 0.160 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU039778.D

Acq: 07 Aug 2020 11:40

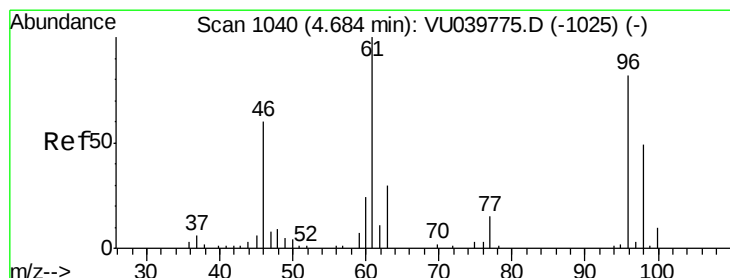
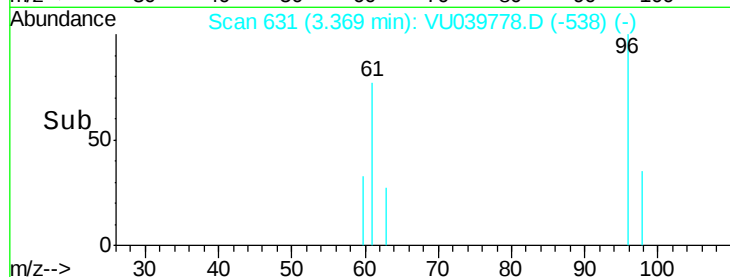
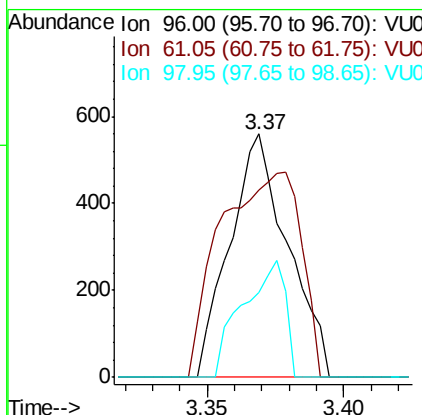
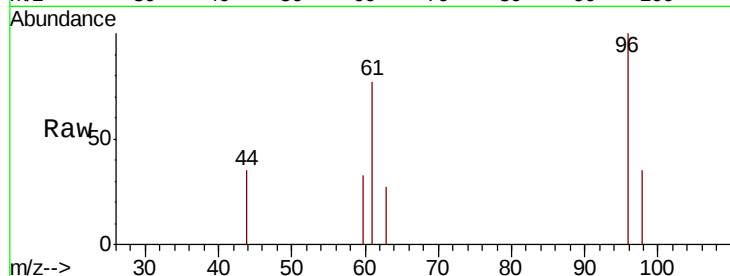
Instrument :
MSVOA_U
ClientSampled :
F2L86

Tot Ion: 96 Resp: 824

Ion	Ratio	Lower	Upper
96	100		
61	77.1	96.5	179.1#
98	35.0	40.9	76.0#

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#22

cis-1,2-Dichloroethene

Concen: 4.299 ug/L

RT: 4.69 min Scan# 1041

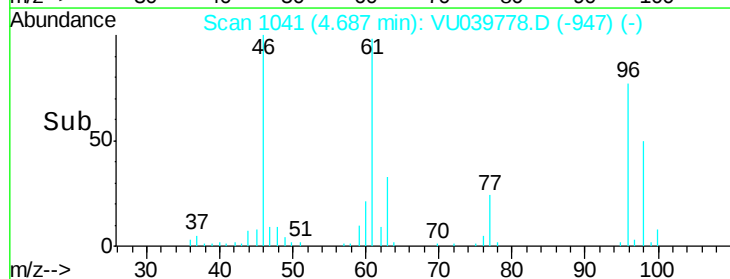
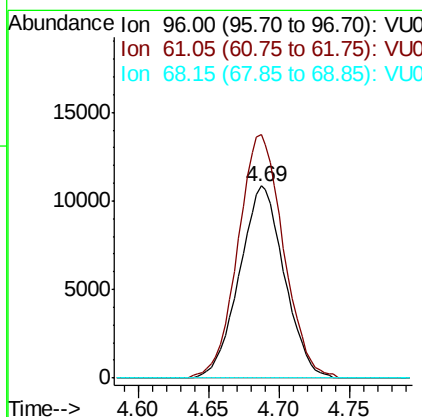
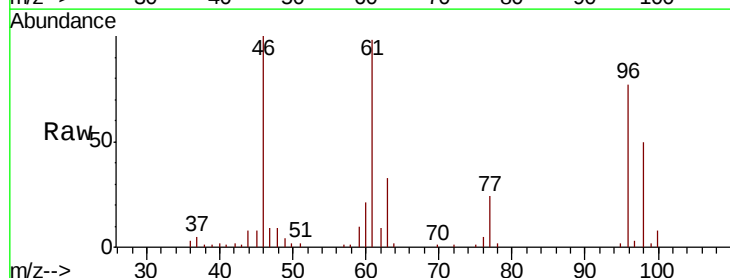
Delta R.T. 0.00 min

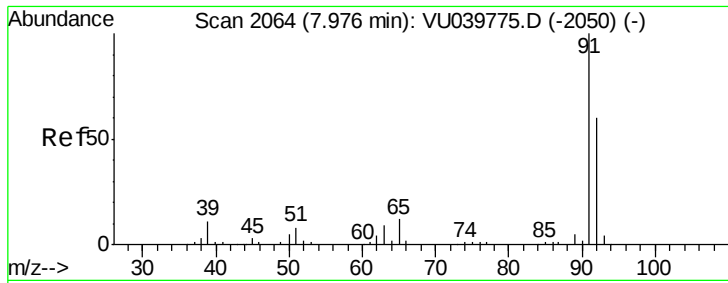
Lab File: VU039778.D

Acq: 07 Aug 2020 11:40

Tgt Ion: 96 Resp: 24085

Ion	Ratio	Lower	Upper
96	100		
61	126.8	87.4	162.2
68	0.0	0.0	0.0





#42

Toluene

Concen: 0.606 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039778.D

Acq: 07 Aug 2020 11:40

Instrument :

MSVOA_U

ClientSampleId :

F2L86

Tot Ion: 91 Resp: 13060

Ion Ratio Lower Upper

91 100

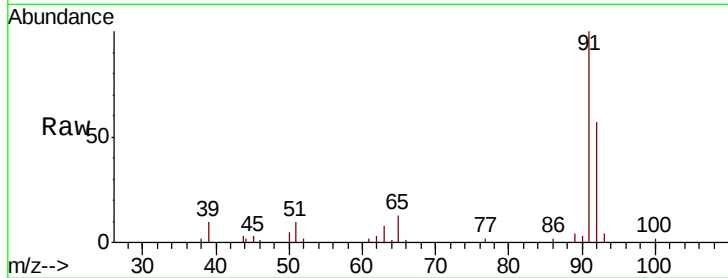
92 57.3 41.6 77.3

Manual Integrations

APPROVED

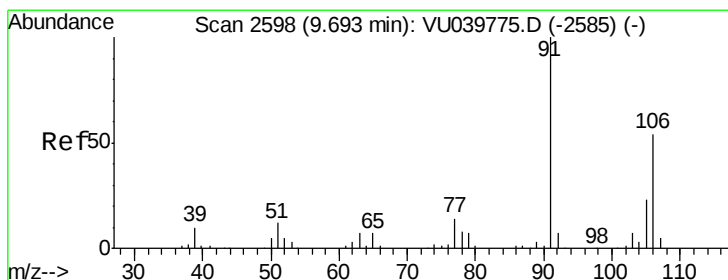
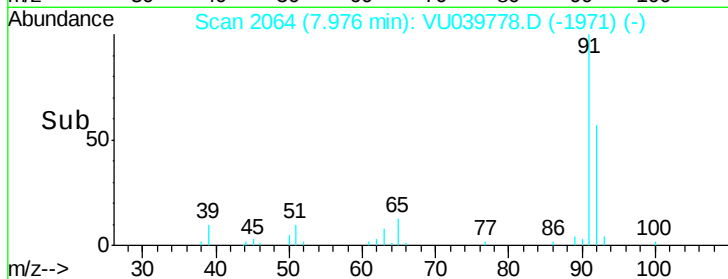
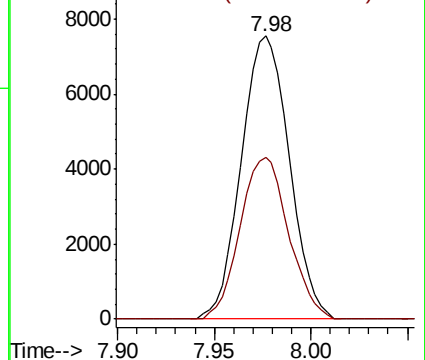
sam

8/10/2020 8:18:19 AM



Abundance Ion 91.15 (90.85 to 91.85): VU039775.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU039778.D (-1971) (-)



#53

m,p-Xylene

Concen: 0.159 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU039778.D

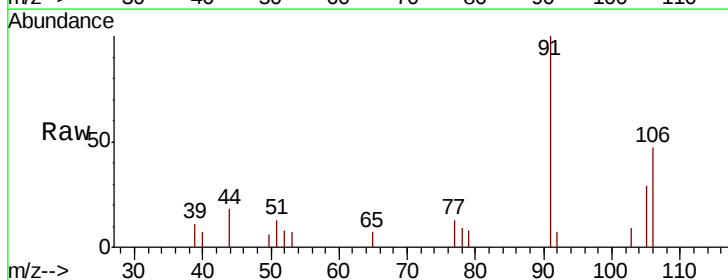
Acq: 07 Aug 2020 11:40

Tgt Ion:106 Resp: 1461

Ion Ratio Lower Upper

106 100

91 213.9 135.5 251.7



Abundance Ion 106.15 (105.85 to 106.85): VU039775.D (-2585) (-)

Ion 91.15 (90.85 to 91.85): VU039778.D (-2505) (-)

