

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052319\
 Data File : VU032259.D
 Acq On : 23 May 2019 09:50
 Operator : JC/SP
 Sample : K3001-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YF3

Quant Time: May 24 01:51:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 24 01:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	368797	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	373993	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107106	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.68	69	91166	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.27	63	158039	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.21	46	231131	39.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.12%
24) Chloroform-d	4.64	84	204627	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.31	65	101912	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
32) Benzene-d6	5.33	84	425755	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	6.33	67	123938	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.80%
41) Toluene-d8	7.56	98	353945	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.60%#
43) trans-1,3-Dichloropropene-	7.85	79	42831	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	8.31	63	191223	38.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99144	2.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	57.80%#
64) 1,2-Dichlorobenzene-d4	11.86	152	133211	3.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	62.60%#

Target Compounds

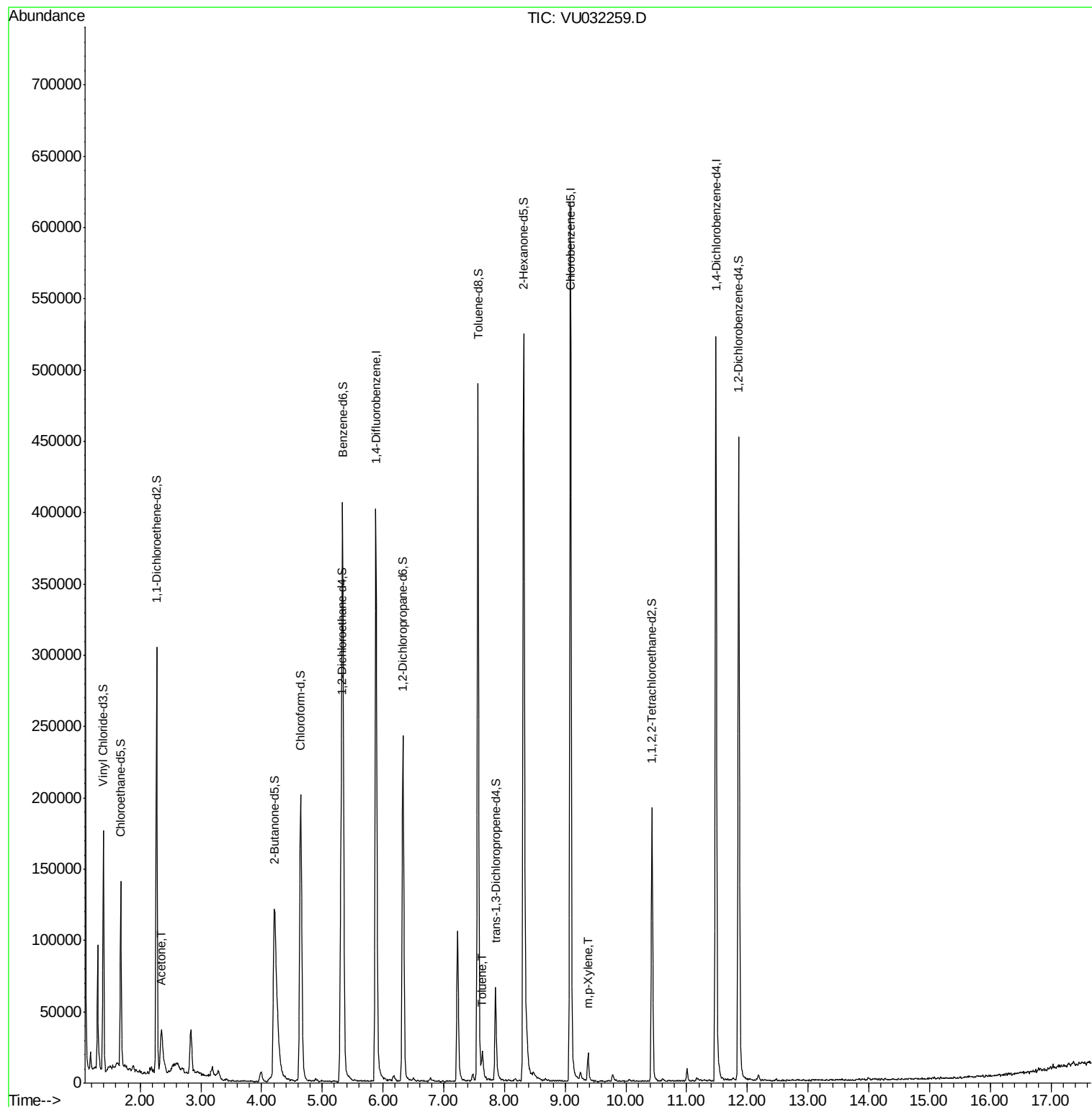
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.35	43	53407	29.506	ug/L	92
42) Toluene	7.64	91	13008	0.242	ug/L	94
53) m,p-Xylene	9.38	106	6019	0.299	ug/L	90

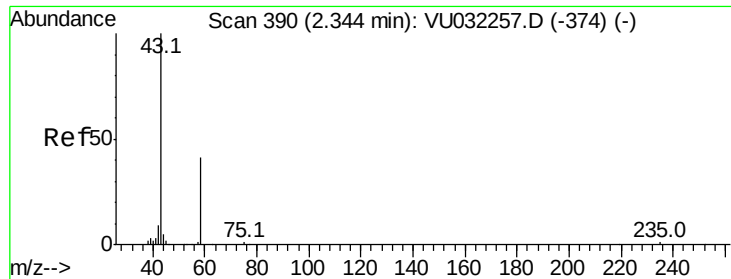
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 29.506 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.01 min

Lab File: VU032259.D

Acq: 23 May 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

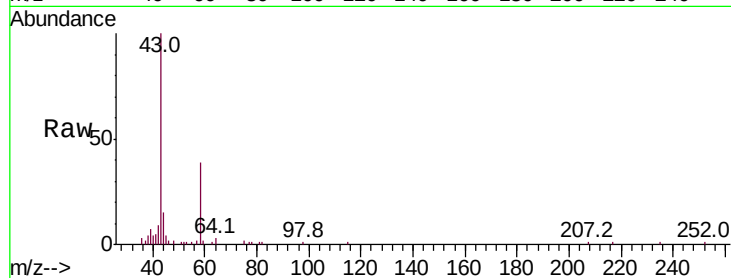
E3YF3

Tot Ion: 43 Resp: 53407

Ion Ratio Lower Upper

43 100

58 40.8 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032257.D (-374) (-)

Ion 58.05 (57.75 to 58.75): VU032259.D (-297) (-)

20000

15000

10000

5000

0

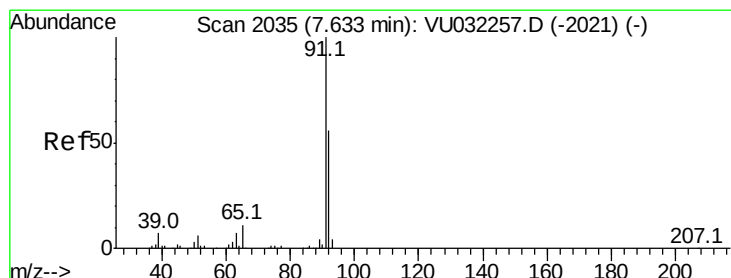
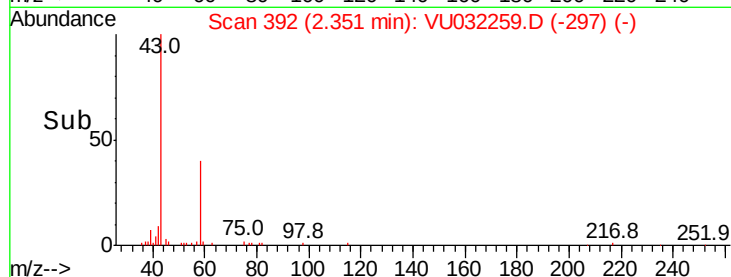
2.30

2.35

2.40

2.50

Time-->



#42

Toluene

Concen: 0.242 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU032259.D

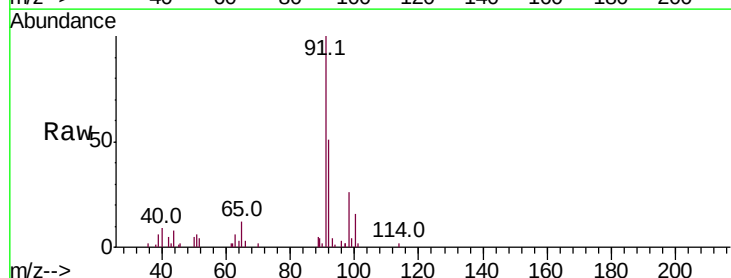
Acq: 23 May 2019 09:50

Tgt Ion: 91 Resp: 13008

Ion Ratio Lower Upper

91 100

92 51.0 38.5 71.5



Abundance Ion 91.15 (90.85 to 91.85): VU032257.D (-2021) (-)

Ion 92.15 (91.85 to 92.85): VU032259.D (-1942) (-)

8000

6000

4000

2000

0

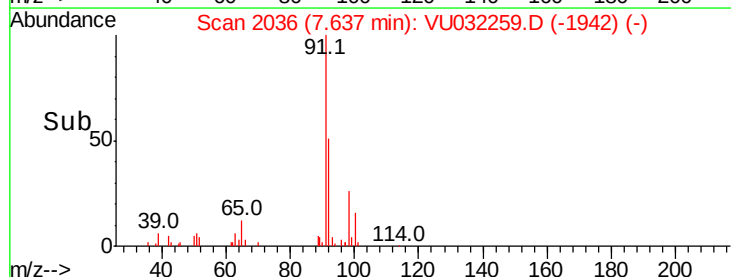
7.60

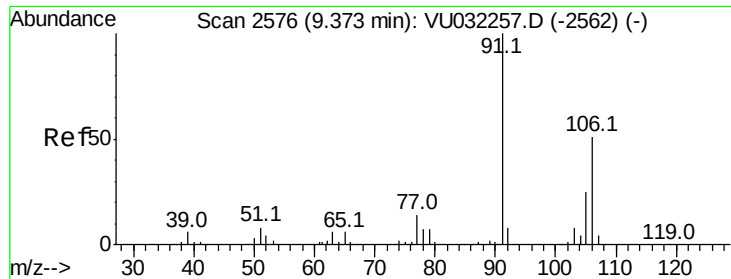
7.64

7.65

7.70

Time-->





#53

m,p-Xylene

Concen: 0.299 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

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Acq: 23 May 2019 09:50

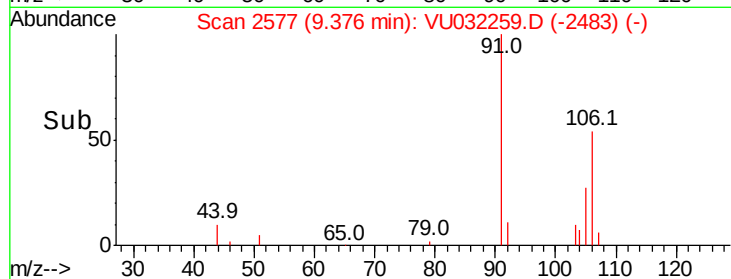
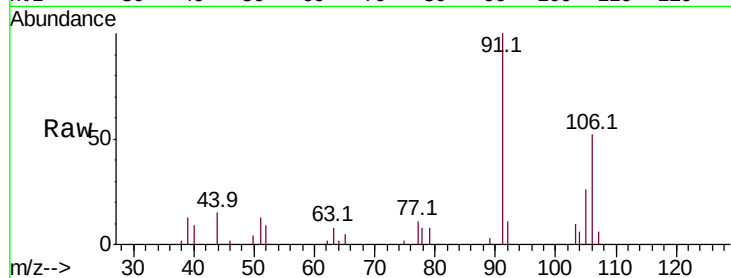
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Tot Ion:106 Resp: 6019

Ion Ratio Lower Upper

106 100

91 190.8 143.9 267.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

