

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
 Data File : VU035749.D
 Acq On : 18 Nov 2019 17:35
 Operator : JC/SP
 Sample : K5911-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQL5

Quant Time: Nov 19 02:55:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	184242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219502	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	75361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	86189	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	82880	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.60	63	112416	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.70	46	237482	56.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.44%
24) Chloroform-d	5.11	84	156184	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.75	65	88007	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.77	84	319823	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.74	67	108485	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	250431	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.22	79	36626	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.70	63	161524	46.19	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.38%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92830	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	79144	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

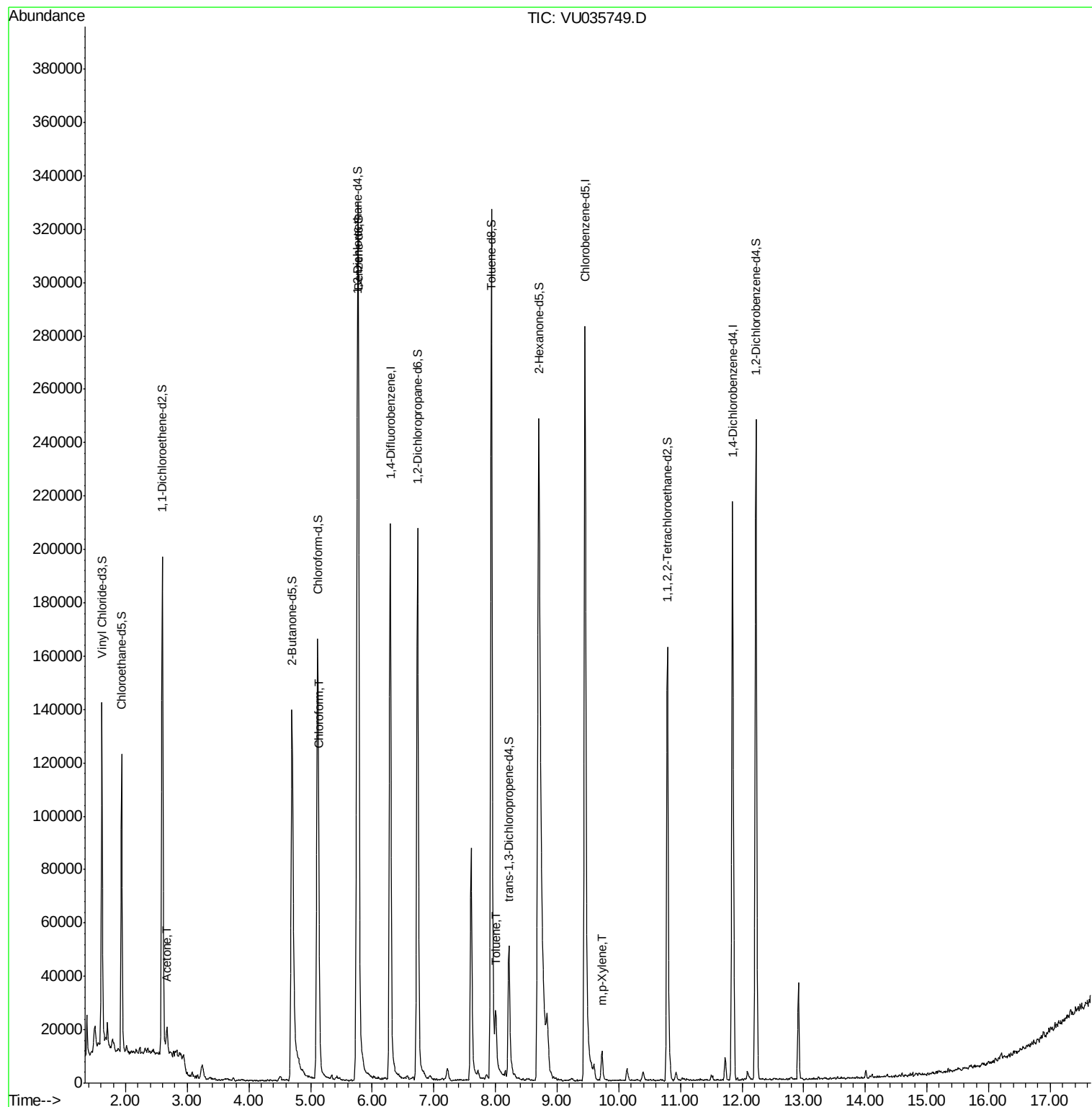
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	10441	3.459	ug/L	99
25) Chloroform	5.14	83	18252	0.542	ug/L	99
42) Toluene	8.01	91	15337	0.189	ug/L	99
53) m,p-Xylene	9.73	106	4067	0.126	ug/L	94

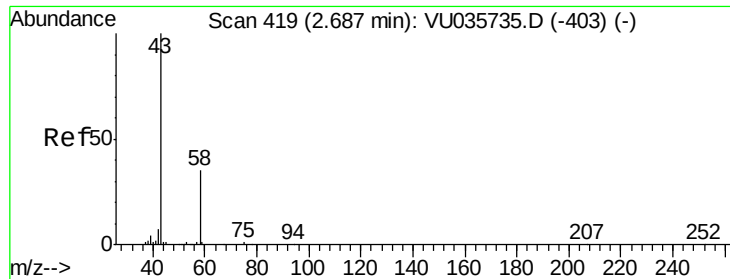
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.459 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

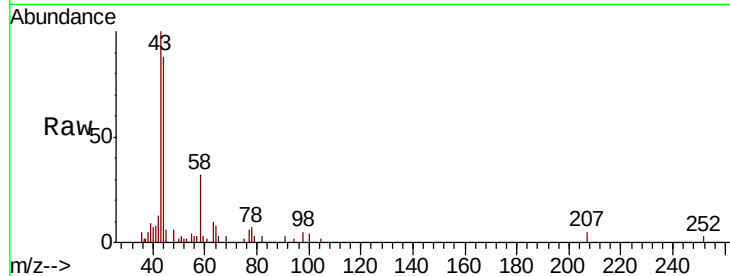
GAQL5

Tot Ion: 43 Resp: 10441

Ion Ratio Lower Upper

43 100

58 35.8 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035735.D (-403) (-)

Ion 58.05 (57.75 to 58.75): VU035735.D (-403) (-)

2.67

6000

5000

4000

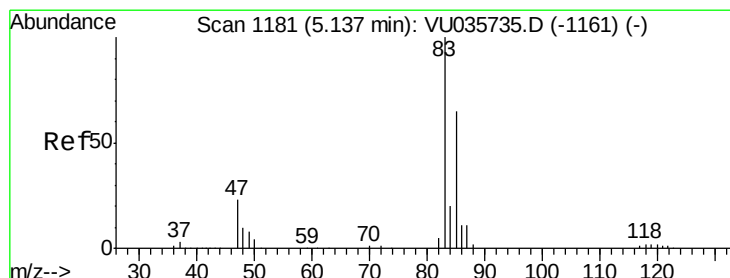
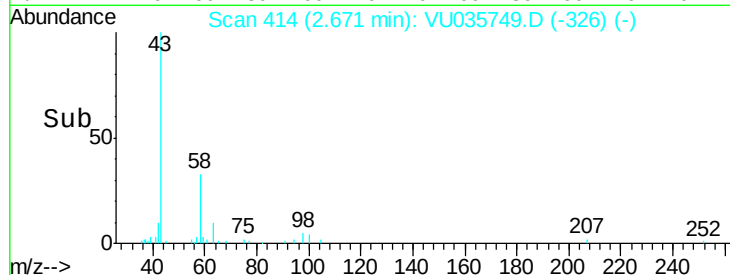
3000

2000

1000

0

Time-->



#25

Chloroform

Concen: 0.542 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035749.D

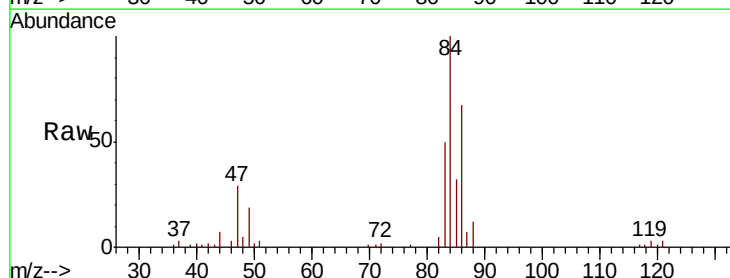
Acq: 18 Nov 2019 17:35

Tgt Ion: 83 Resp: 18252

Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035735.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU035735.D (-1161) (-)

5.14

8000

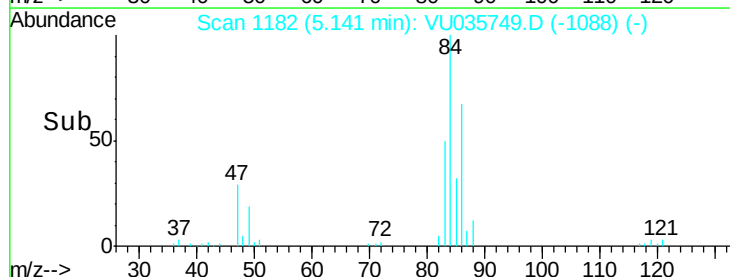
6000

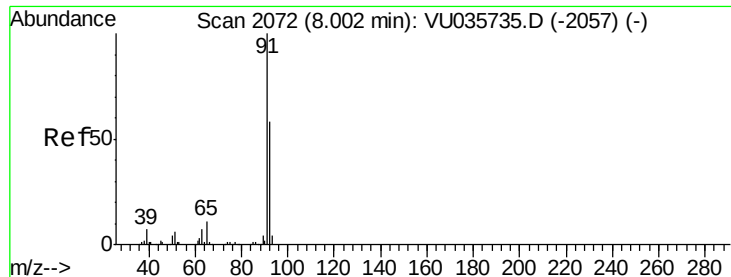
4000

2000

0

Time-->





#42

Toluene

Concen: 0.189 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035749.D

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Instrument :

MSVOA_U

ClientSampleId :

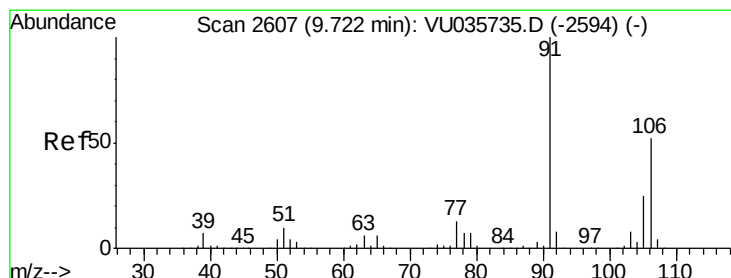
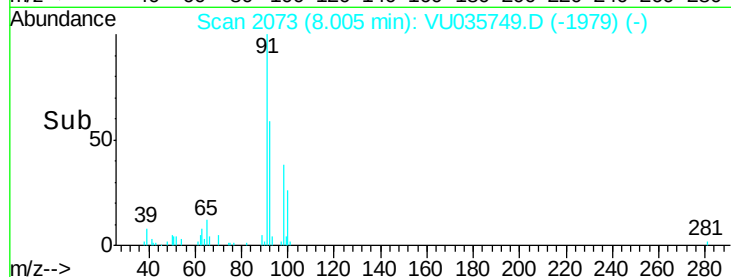
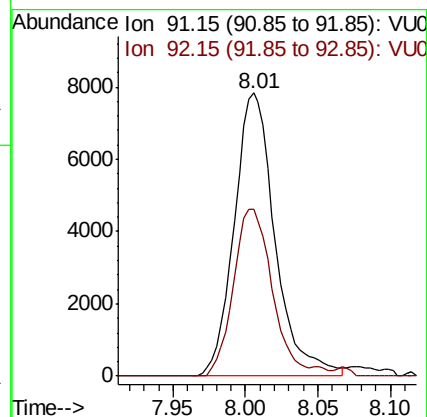
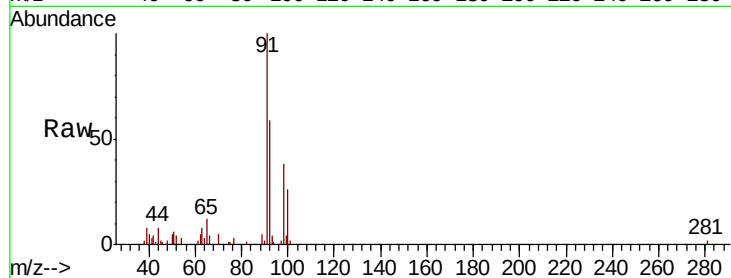
GAQL5

Tot Ion: 91 Resp: 15337

Ion Ratio Lower Upper

91 100

92 58.8 40.5 75.3



#53

m,p-Xylene

Concen: 0.126 ug/L

RT: 9.73 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VU035749.D

Acq: 18 Nov 2019 17:35

Tgt Ion: 106 Resp: 4067

Ion Ratio Lower Upper

106 100

91 189.9 139.4 259.0

