

Data File : VU034742.D
Acq On : 23 Sep 2019 18:58
Operator : JC/SP
Sample : K4982-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW1

Quant Time: Sep 24 03:39:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	453838	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	422385	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	188018	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	200555	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.34%
7) Chloroethane-d5	1.67	69	165954	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.44%
11) 1,1-Dichloroethene-d2	2.26	63	278213	35.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.72%
21) 2-Butanone-d5	4.15	46	397989	111.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.77%
24) Chloroform-d	4.62	84	340345	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
26) 1,2-Dichloroethane-d4	5.29	65	251675	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
32) Benzene-d6	5.32	84	689504	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
36) 1,2-Dichloropropane-d6	6.31	67	242508	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.00%
41) Toluene-d8	7.54	98	655425	52.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.24%
43) trans-1,3-Dichloropropene-	7.83	79	108176	49.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.72%
47) 2-Hexanone-d5	8.29	63	245941	107.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.01%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	321351	50.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.22%
64) 1,2-Dichlorobenzene-d4	11.84	152	215273	54.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

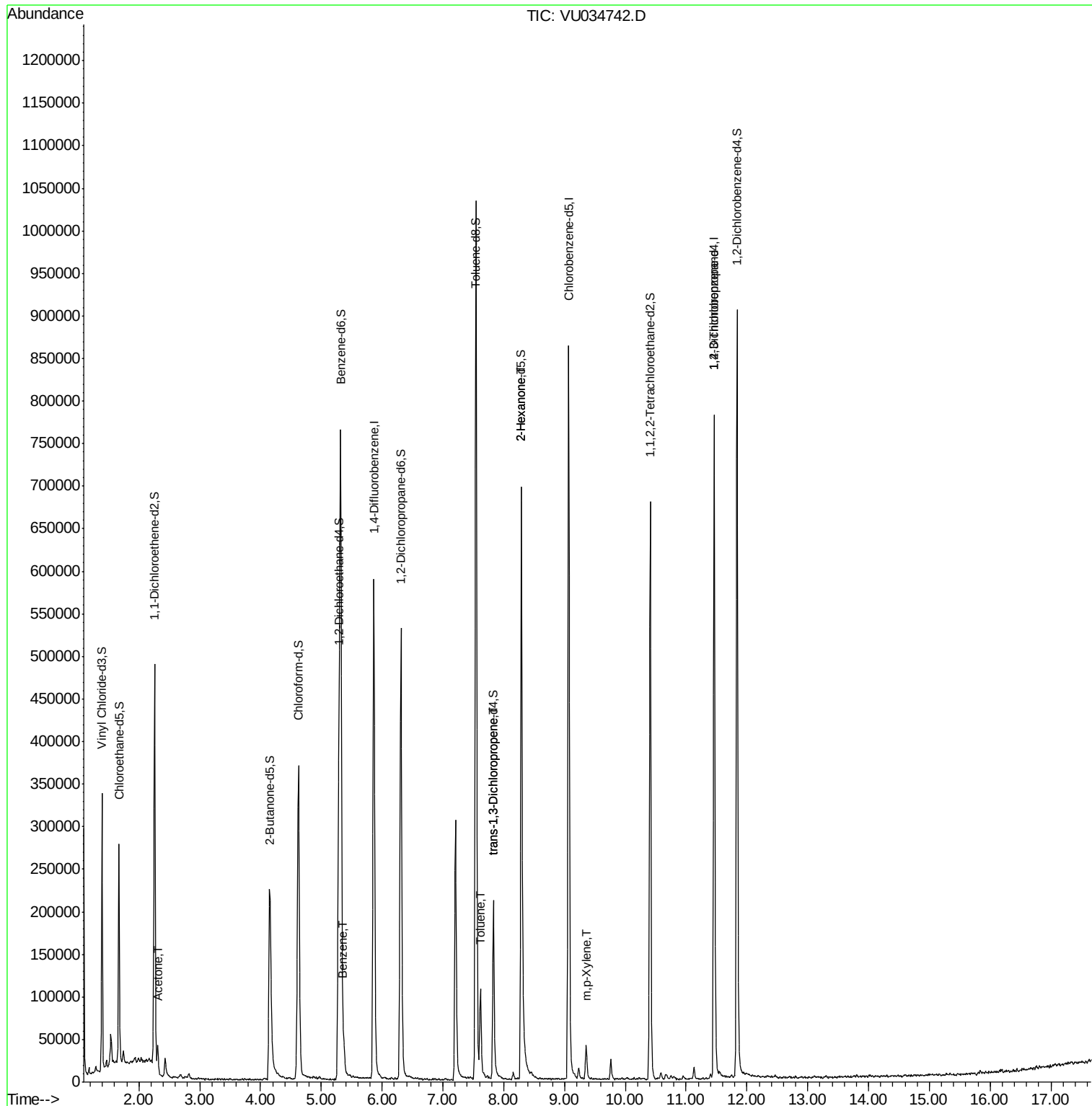
					Qvalue
13) Acetone	2.31	43	36673	8.854 ug/L	100
33) Benzene	5.37	78	30249	2.065 ug/L	100
42) Toluene	7.62	91	71875	4.540 ug/L	96
44) trans-1,3-Dichloropropene	7.83	75	5733	0.970 ug/L #	73
48) 2-Hexanone	8.29	43	31642	4.865 ug/L #	74
53) m,p-Xylene	9.36	106	10766	1.705 ug/L	84
59) 1,2,3-Trichloropropane	11.46	75	29251	5.369 ug/L	90

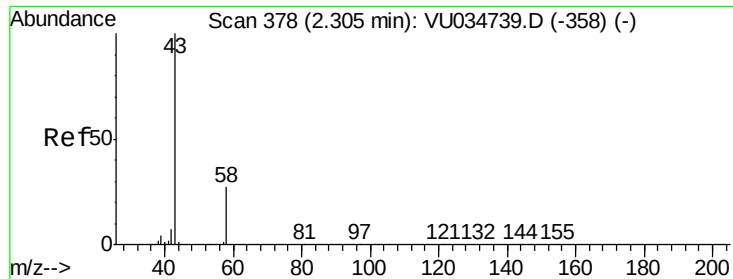
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.854 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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Acq: 23 Sep 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

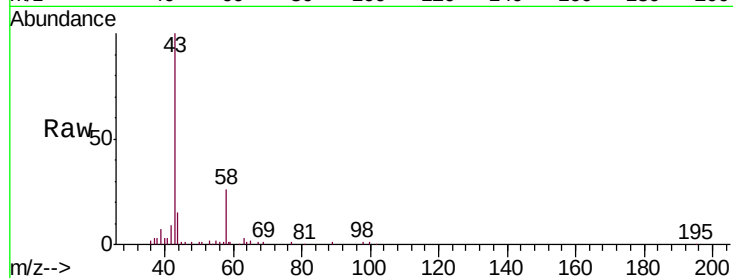
C0AW1

Tgt Ion: 43 Resp: 36673

Ion Ratio Lower Upper

43 100

58 26.7 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034739.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034739.D (-358) (-)

2.31

25000

20000

15000

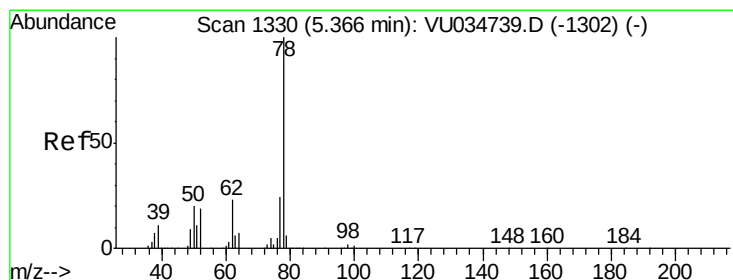
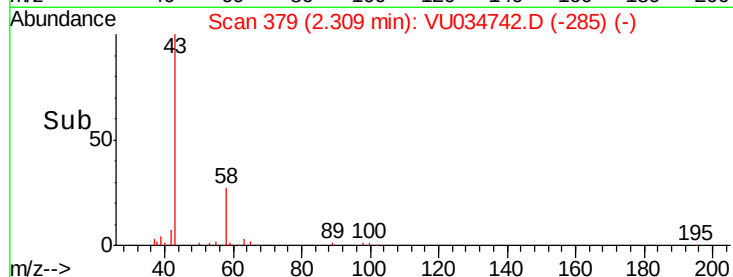
10000

5000

0

Time-->

2.25 2.30 2.35



#33

Benzene

Concen: 2.065 ug/L

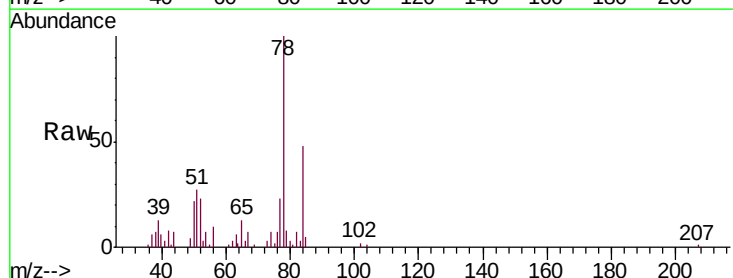
RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU034742.D

Acq: 23 Sep 2019 18:58

Tgt Ion: 78 Resp: 30249



Abundance Ion 78.00 (77.70 to 78.70): VU034739.D (-1302) (-)

15000

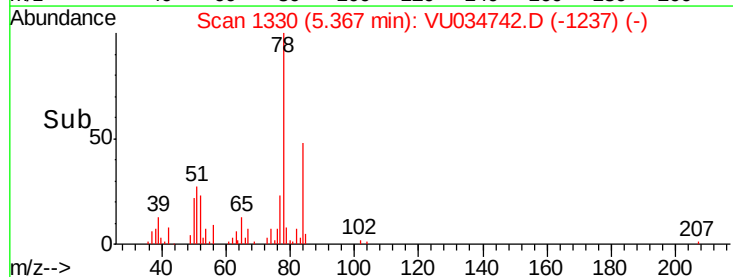
10000

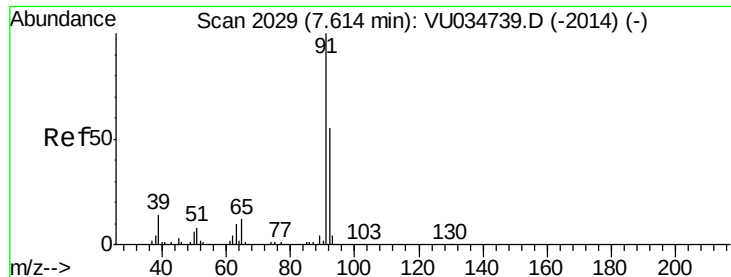
5000

0

Time-->

5.30 5.35 5.40





#42

Toluene

Concen: 4.540 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034742.D

Acq: 23 Sep 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

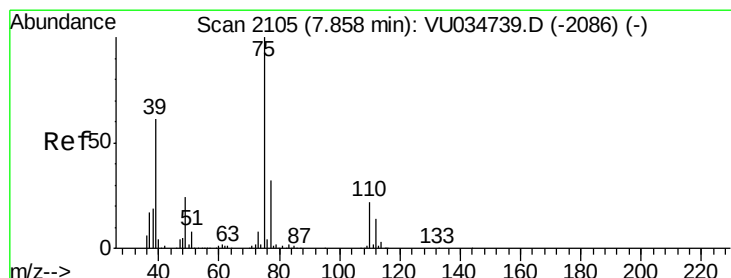
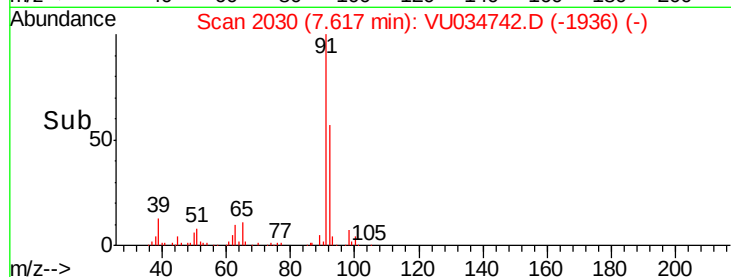
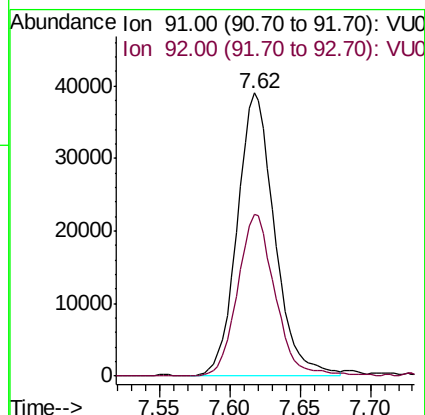
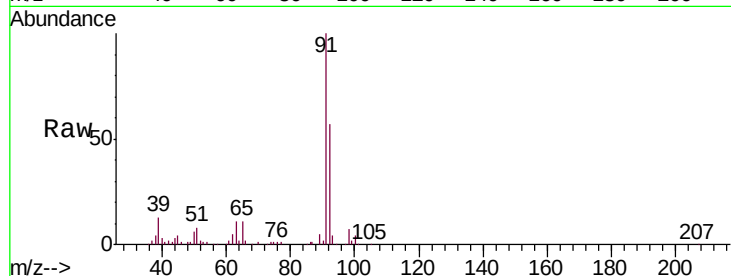
C0AW1

Tgt Ion: 91 Resp: 71875

Ion Ratio Lower Upper

91 100

92 57.3 38.2 71.0



#44

trans-1,3-Dichloropropene

Concen: 0.970 ug/L

RT: 7.83 min Scan# 2095

Delta R.T. -0.03 min

Lab File: VU034742.D

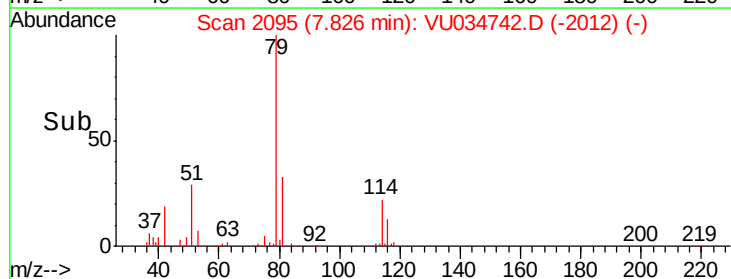
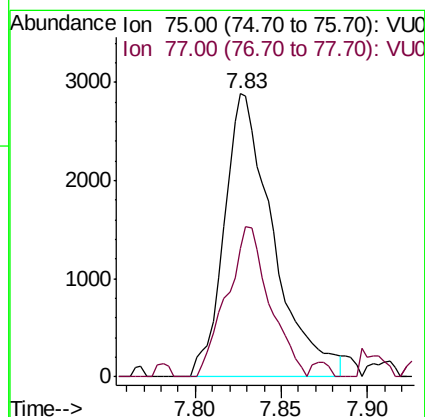
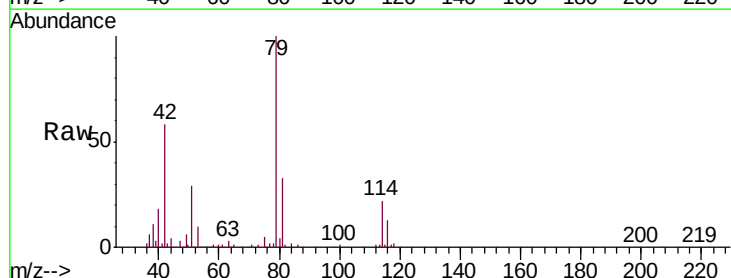
Acq: 23 Sep 2019 18:58

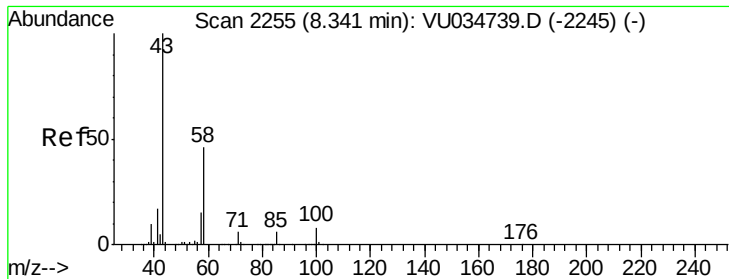
Tgt Ion: 75 Resp: 5733

Ion Ratio Lower Upper

75 100

77 45.4 21.4 39.8#

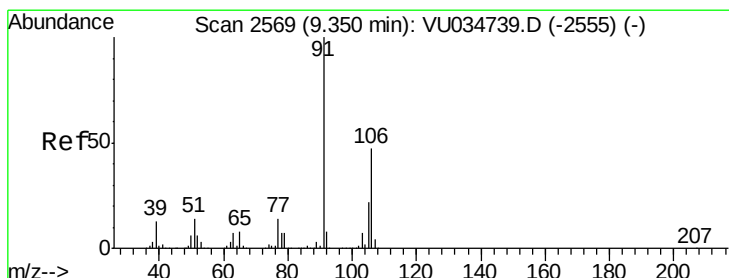
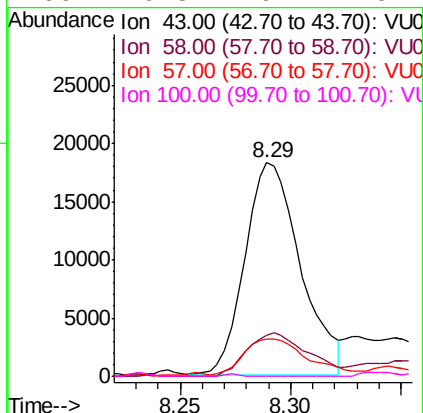
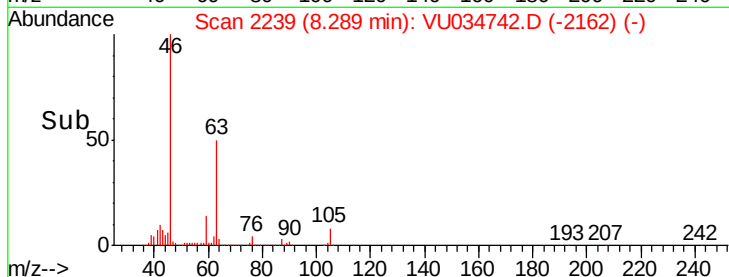
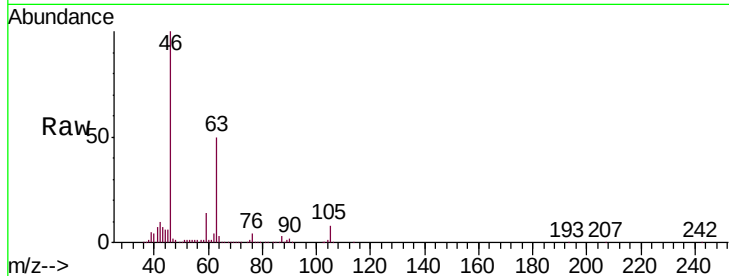




#48
2-Hexanone
Concen: 4.865 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034742.D
Acq: 23 Sep 2019 18:58

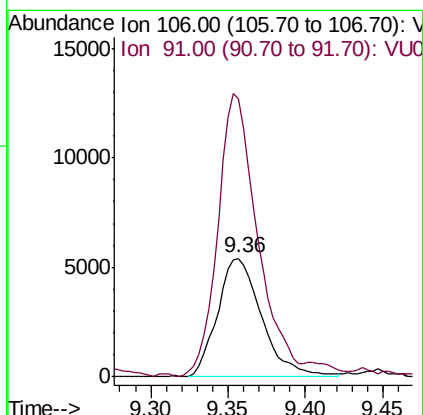
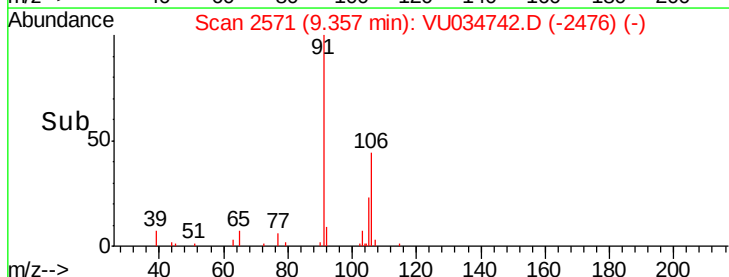
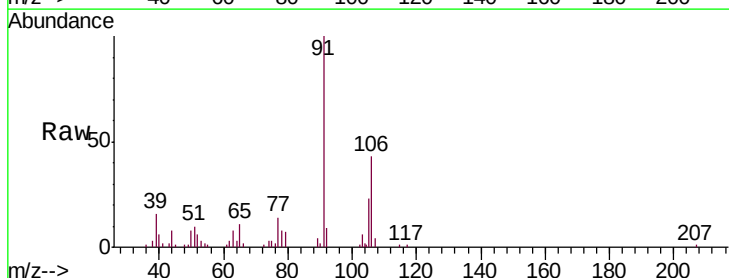
Instrument :
MSVOA_U
ClientSampled :
C0AW1

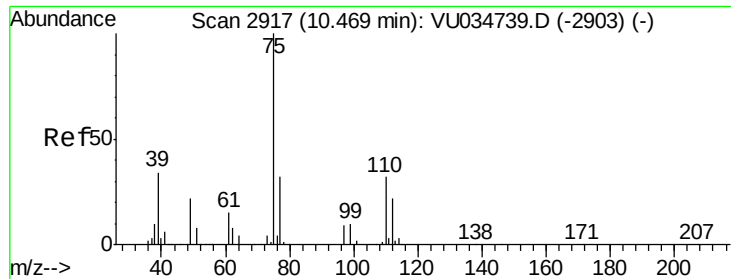
Tgt Ion: 43 Resp: 31642
Ion Ratio Lower Upper
43 100
58 22.7 35.3 52.9#
57 18.7 12.1 18.1#
100 0.3 6.2 9.4#



#53
m,p-Xylene
Concen: 1.705 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.01 min
Lab File: VU034742.D
Acq: 23 Sep 2019 18:58

Tgt Ion: 106 Resp: 10766
Ion Ratio Lower Upper
106 100
91 235.1 146.9 272.7





#59

1,2,3-Trichloropropane

Concen: 5.369 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034742.D

Acq: 23 Sep 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

C0AW1

Tgt Ion: 75 Resp: 29251

Ion Ratio Lower Upper

75 100

77 36.1 24.6 37.0

