

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021319\
 Data File : VU029442.D
 Acq On : 13 Feb 2019 14:02
 Operator : JC/SP
 Sample : K1436-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXA6

Quant Time: Feb 20 01:26:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 00:18:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	200113	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189576	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56567	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.68	69	52550	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.27	63	94322	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.19	46	131333	46.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.96%
24) Chloroform-d	4.65	84	99774	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.31	65	52453	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.34	84	214058	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.33	67	62741	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.56	98	207706	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	27115	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.31	63	134204	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52298	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	92697	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

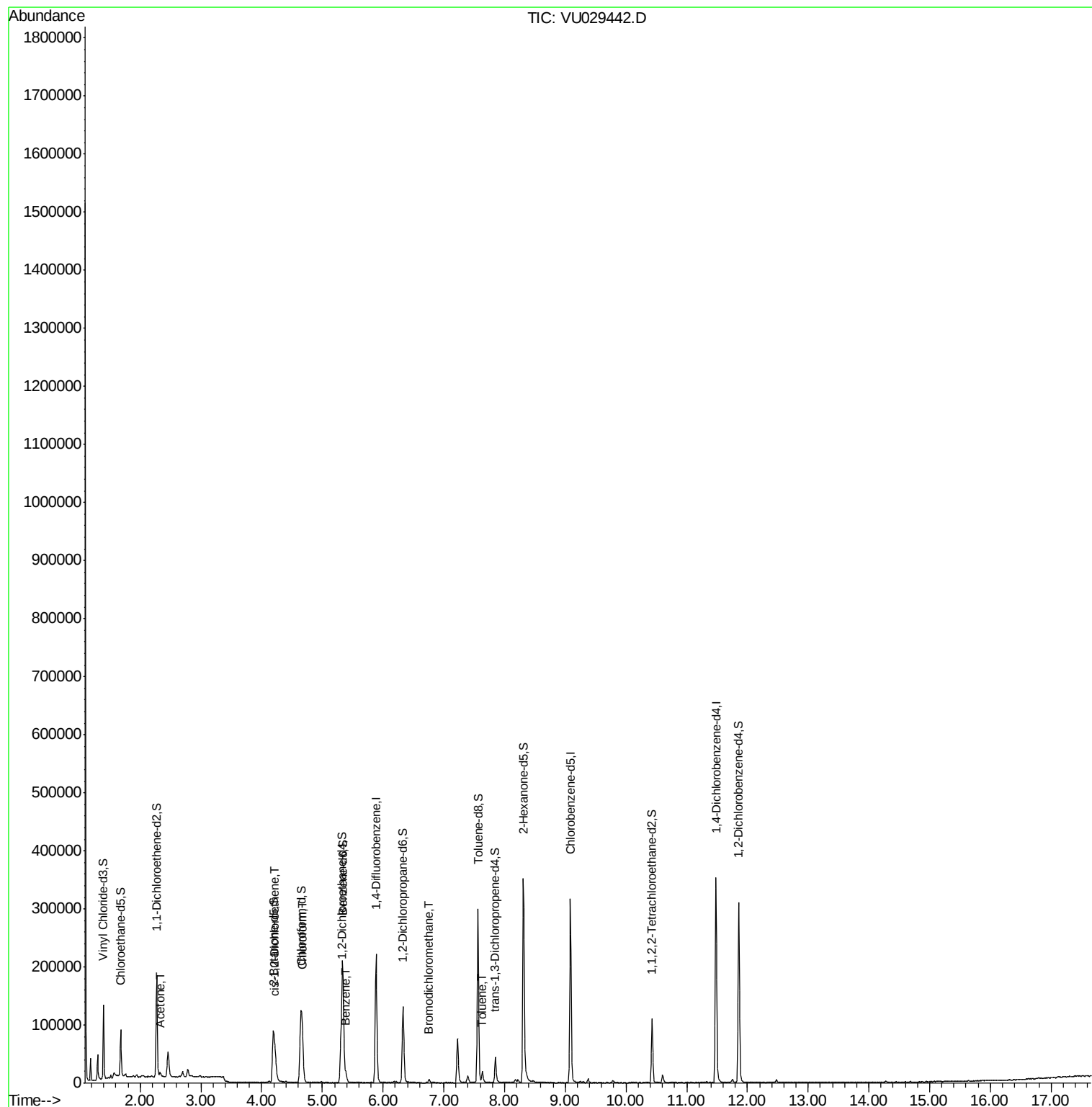
					Ovalue
13) Acetone	2.32	43	6586	2.593	ug/L 90
22) cis-1,2-Dichloroethene	4.22	96	17901	1.108	ug/L 92
25) Chloroform	4.67	83	74227	2.804	ug/L 95
33) Benzene	5.39	78	16305	0.292	ug/L 100
38) Bromodichloromethane	6.76	83	3950	0.214	ug/L 95
42) Toluene	7.64	91	14733	0.235	ug/L 94

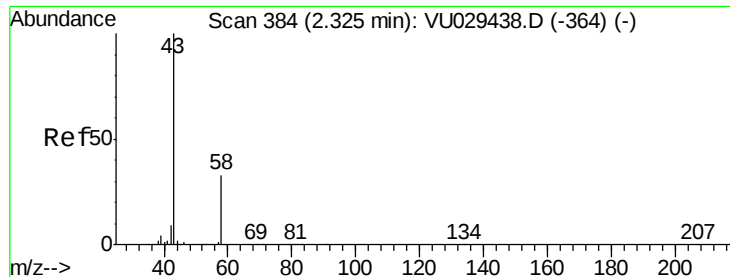
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 14 00:18:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.593 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU029442.D

Acq: 13 Feb 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

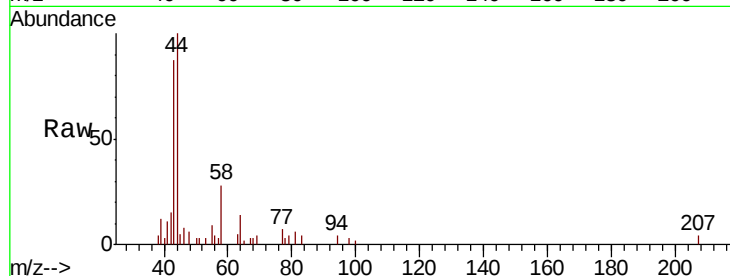
ESXA6

Tot Ion: 43 Resp: 6586

Ion Ratio Lower Upper

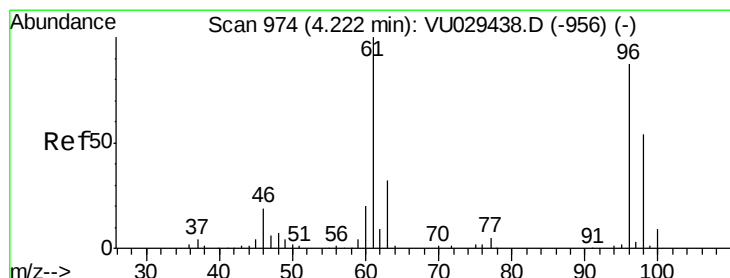
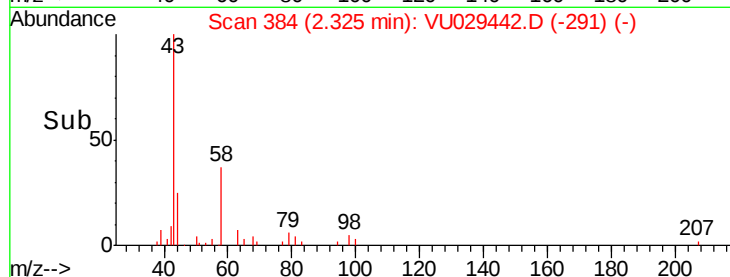
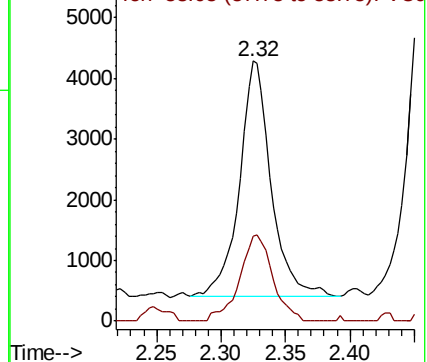
43 100

58 38.3 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.108 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU029442.D

Acq: 13 Feb 2019 14:02

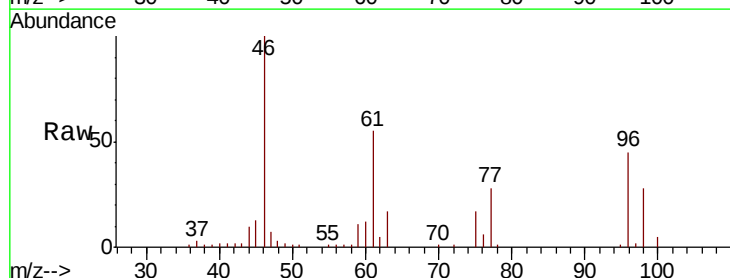
Tgt Ion: 96 Resp: 17901

Ion Ratio Lower Upper

96 100

61 122.5 79.9 148.5

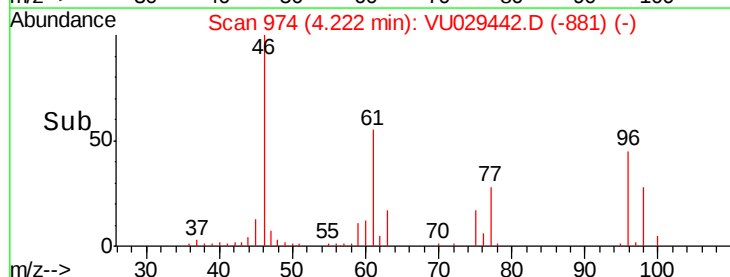
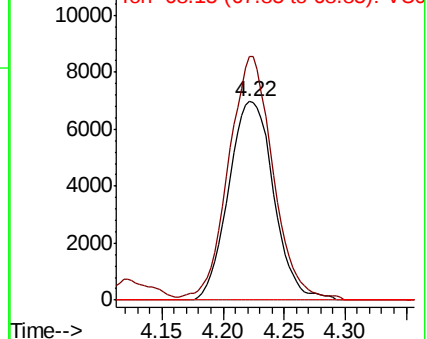
68 0.0 0.0 0.0

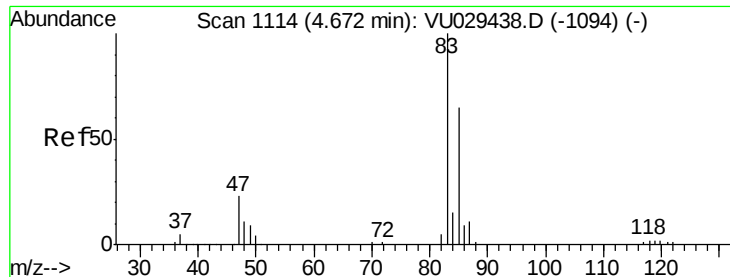


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

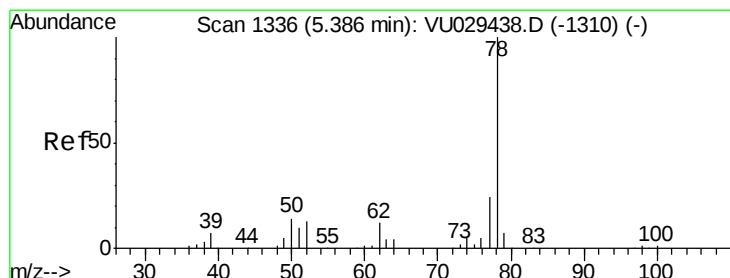
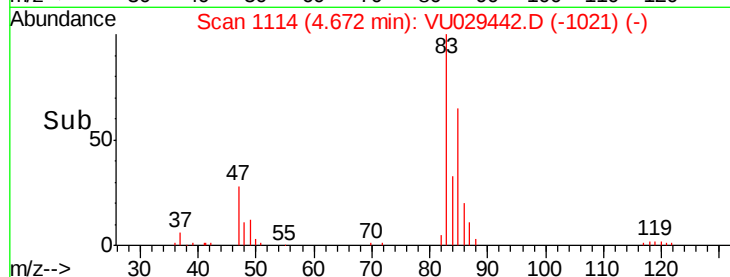
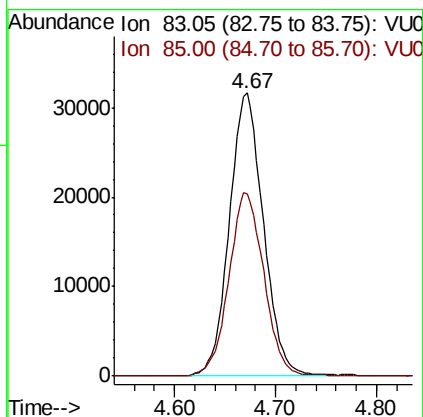
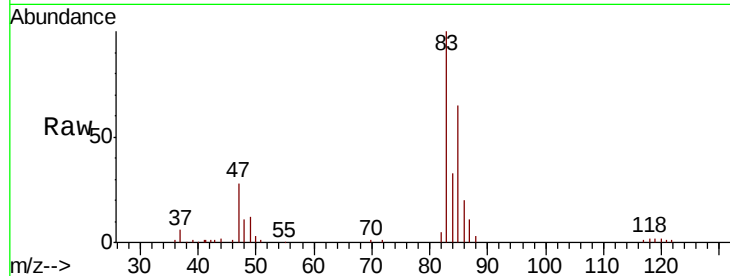




#25
Chloroform
Concen: 2.804 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029442.D
Acq: 13 Feb 2019 14:02

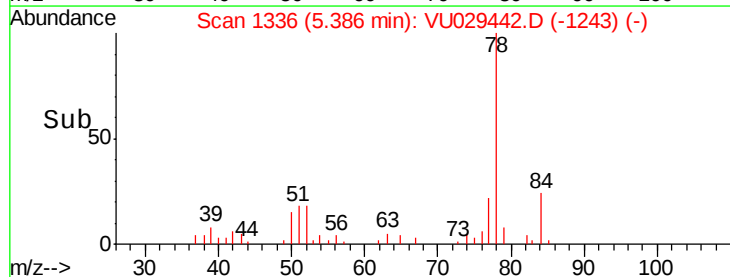
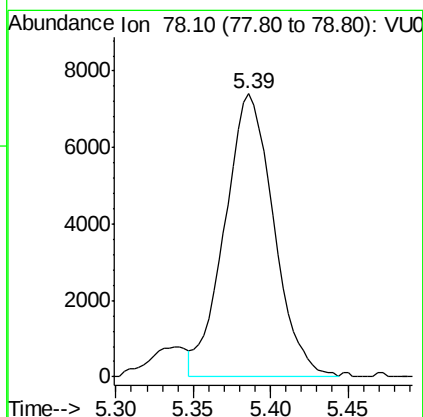
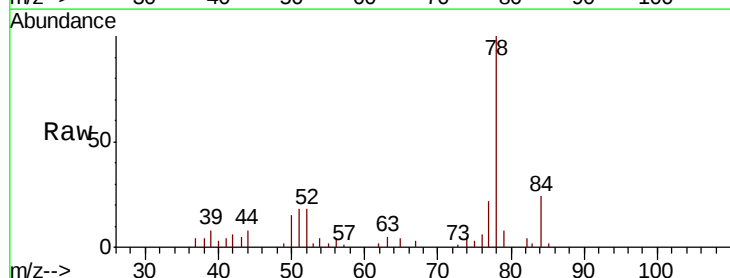
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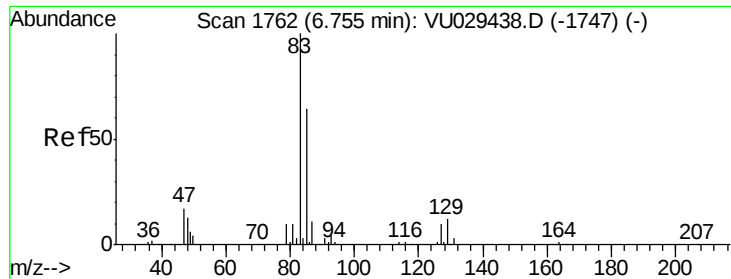
Tot Ion: 83 Resp: 74227
Ion Ratio Lower Upper
83 100
85 64.5 47.8 88.8



#33
Benzene
Concen: 0.292 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU029442.D
Acq: 13 Feb 2019 14:02

Tgt Ion: 78 Resp: 16305





#38

Bromodichloromethane

Concen: 0.214 ug/L

RT: 6.76 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VU029442.D

Acq: 13 Feb 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

ESXA6

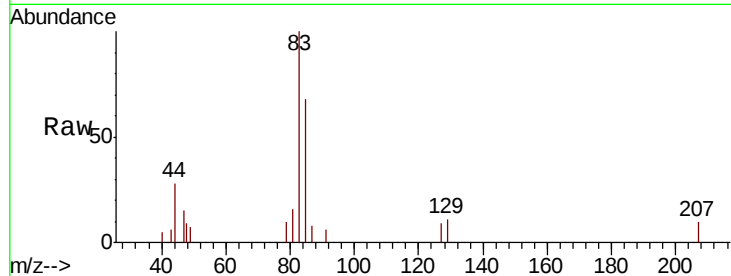
Tot Ion: 83 Resp: 3950

Ion Ratio Lower Upper

83 100

85 68.3 45.1 83.7

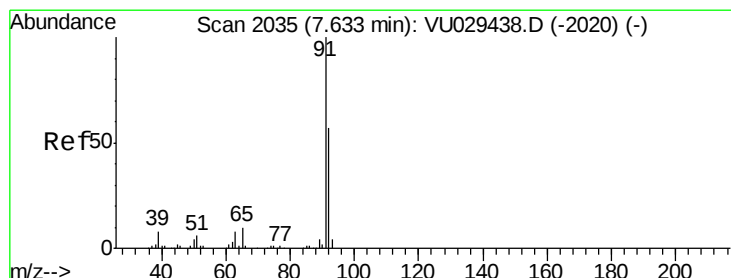
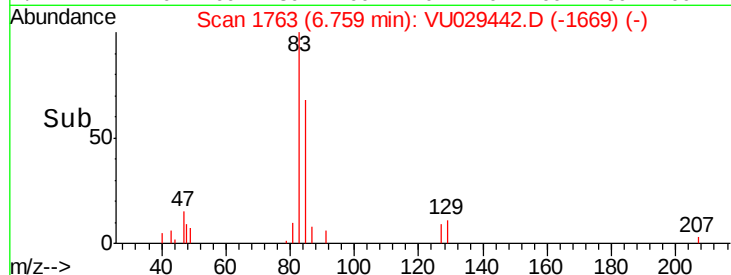
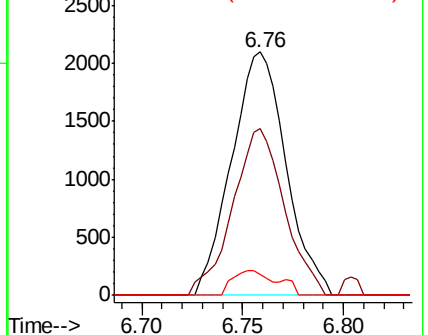
127 8.8 7.8 11.8



Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 126.90 (126.60 to 127.60): VU0



#42

Toluene

Concen: 0.235 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029442.D

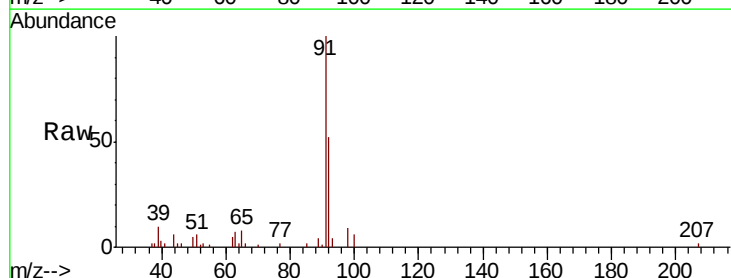
Acq: 13 Feb 2019 14:02

Tgt Ion: 91 Resp: 14733

Ion Ratio Lower Upper

91 100

92 52.4 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

