

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030619\
 Data File : VU029825.D
 Acq On : 05 Mar 2019 16:39
 Operator : JC/SP
 Sample : K1660-09DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK01DL

Quant Time: Mar 06 03:03:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 06 02:51:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	232796	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80694	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.68	69	67031	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.27	63	115506	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.19	46	183789	53.47	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.94%
24) Chloroform-d	4.64	84	140534	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.31	65	72445	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.33	84	302539	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.33	67	92297	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.56	98	272225	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.85	79	34750	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.31	63	175227	52.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74228	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	112468	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

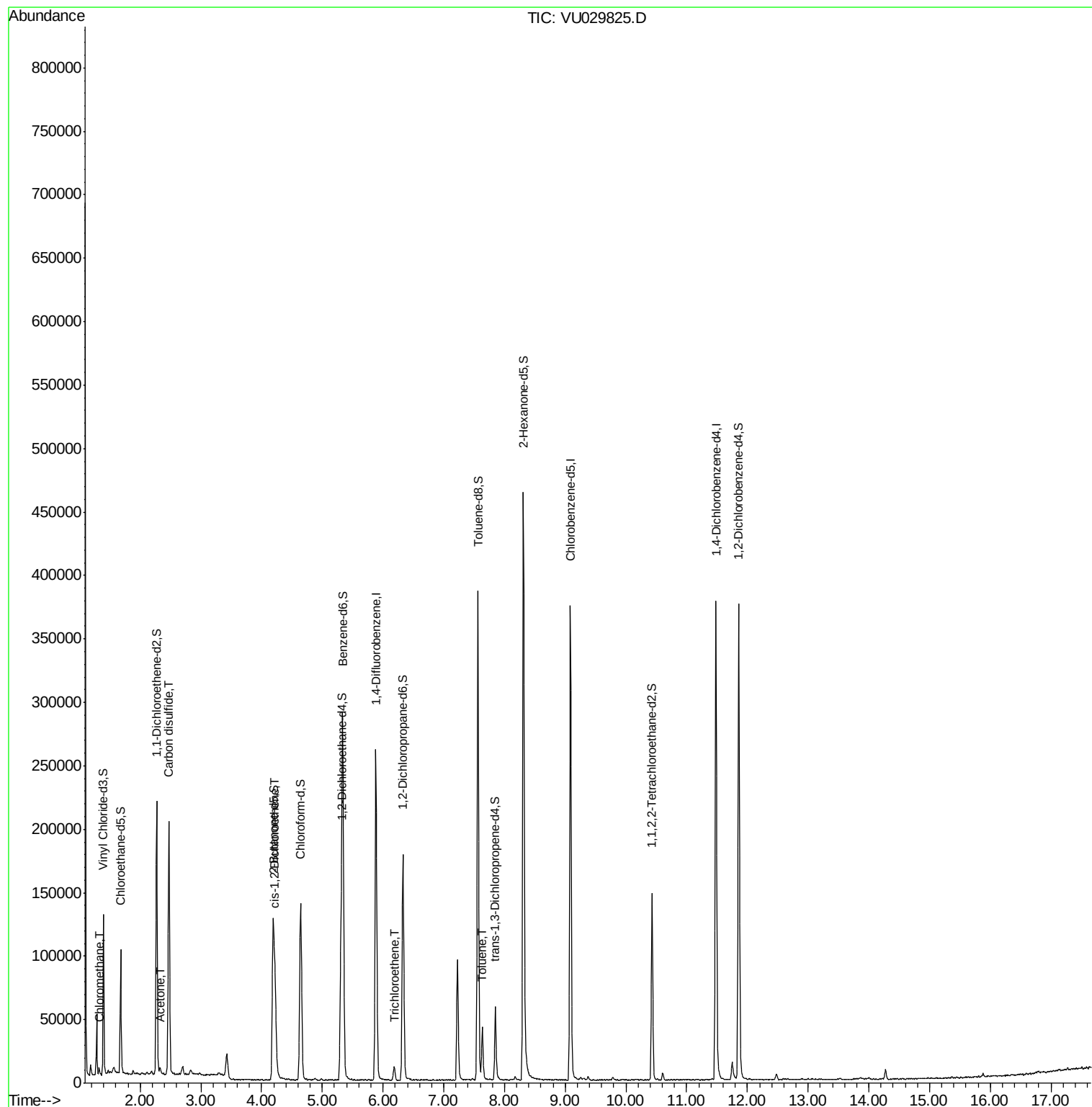
					Ovalue
3) Chloromethane	1.32	50	3574	0.228 ug/L	94
13) Acetone	2.32	43	3304	1.338 ug/L	99
14) Carbon disulfide	2.48	76	242659	4.278 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	31194	1.812 ug/L	90
34) Trichloroethene	6.18	95	4130	0.252 ug/L	89
42) Toluene	7.64	91	32245	0.485 ug/L	96

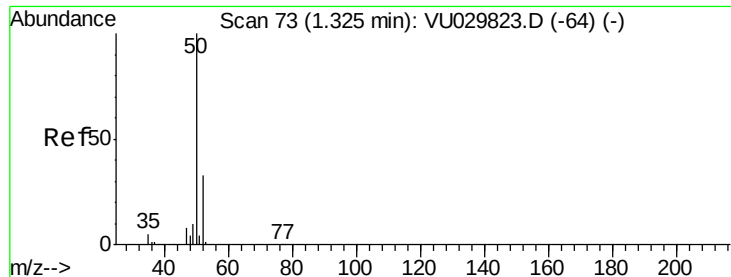
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.228 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU029825.D

Acq: 05 Mar 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

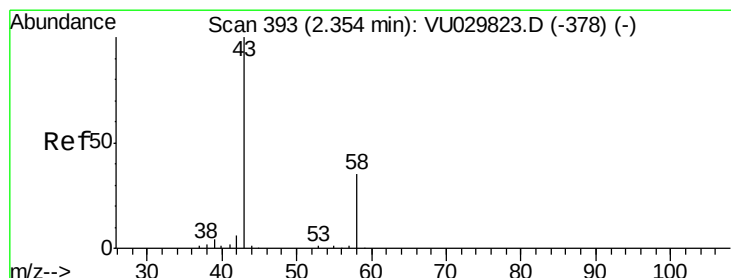
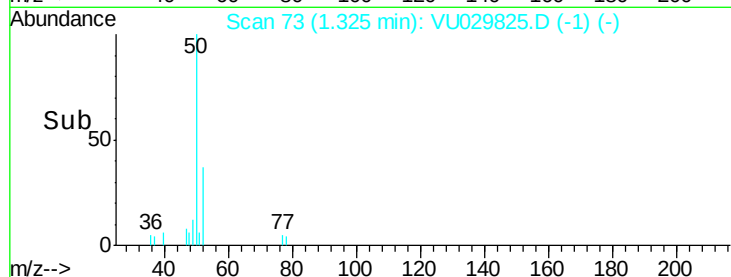
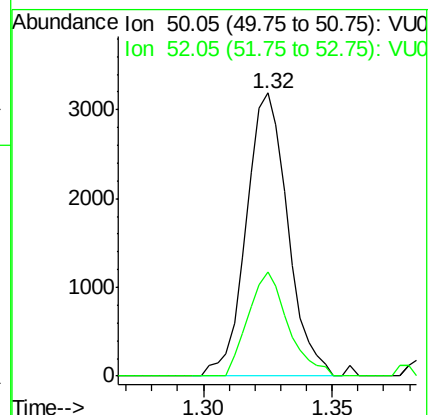
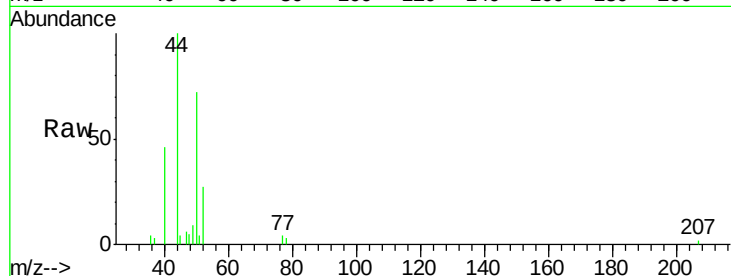
CWK01DL

Tot Ion: 50 Resp: 3574

Ion Ratio Lower Upper

50 100

52 36.8 23.5 43.7



#13

Acetone

Concen: 1.338 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.03 min

Lab File: VU029825.D

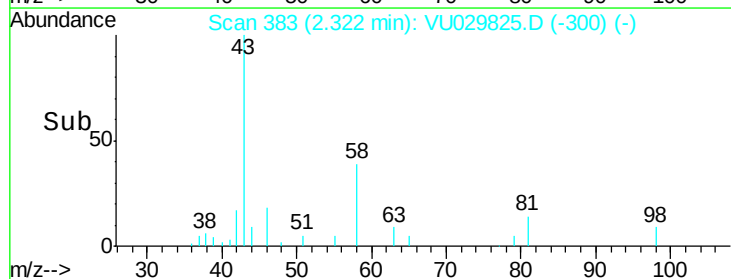
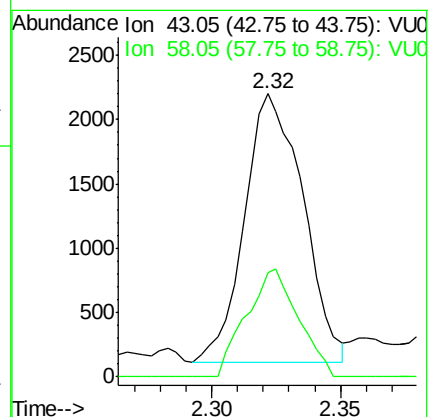
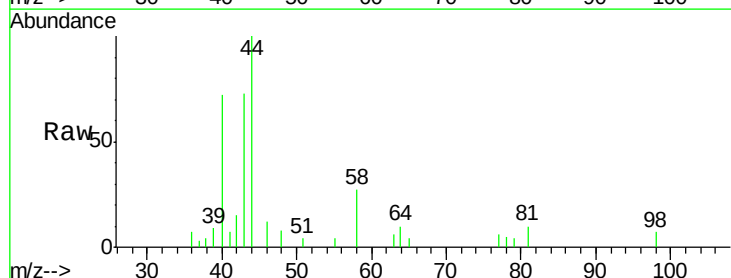
Acq: 05 Mar 2019 16:39

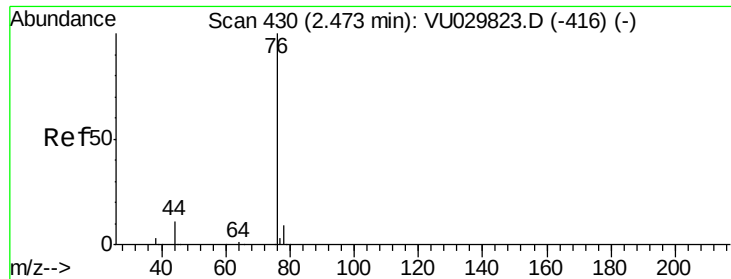
Tgt Ion: 43 Resp: 3304

Ion Ratio Lower Upper

43 100

58 35.7 0.0 70.2





#14

Carbon disulfide

Concen: 4.278 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029825.D

Acq: 05 Mar 2019 16:39

Instrument :

MSVOA_U

ClientSampled :

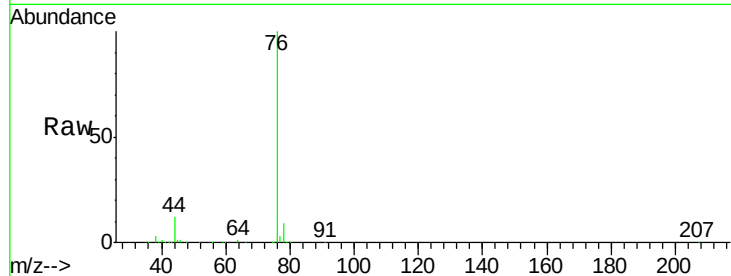
CWK01DL

Tot Ion: 76 Resp: 242659

Ion Ratio Lower Upper

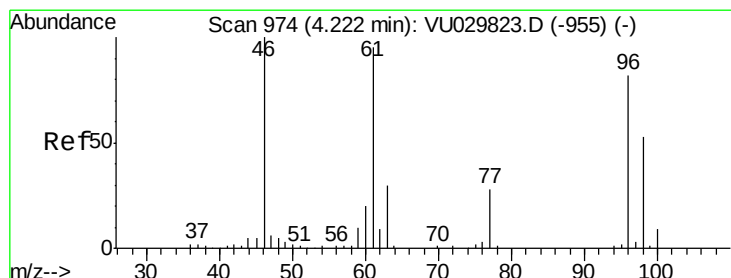
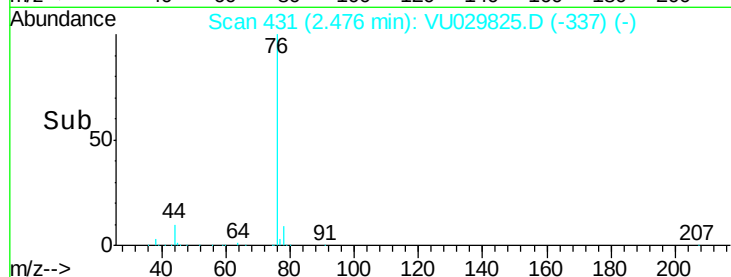
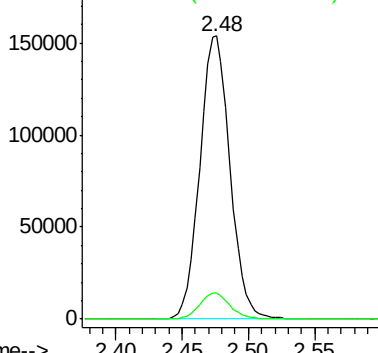
76 100

78 9.2 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.812 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU029825.D

Acq: 05 Mar 2019 16:39

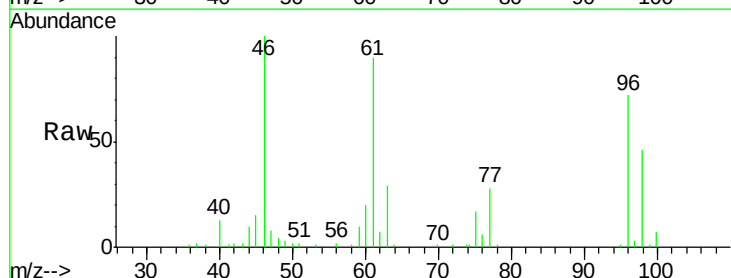
Tgt Ion: 96 Resp: 31194

Ion Ratio Lower Upper

96 100

61 125.9 80.2 149.0

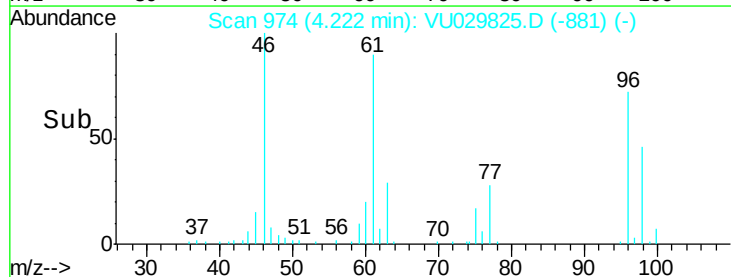
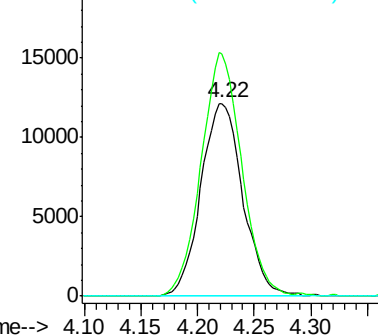
68 0.0 0.0 0.0

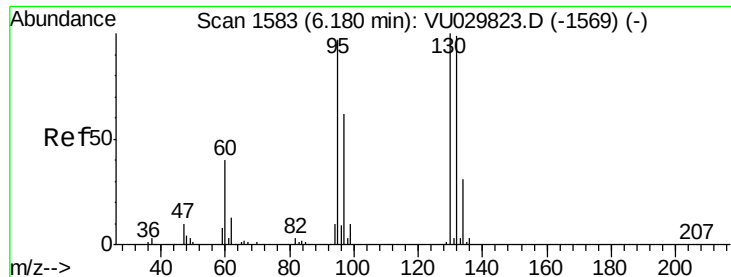


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.252 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029825.D

Acq: 05 Mar 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

CWK01DL

Tot Ion: 95 Resp: 4130

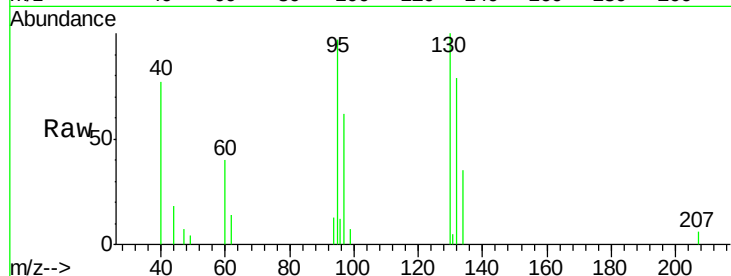
Ion Ratio Lower Upper

95 100

97 64.3 45.6 84.8

132 81.5 72.9 135.3

130 103.6 77.5 143.9

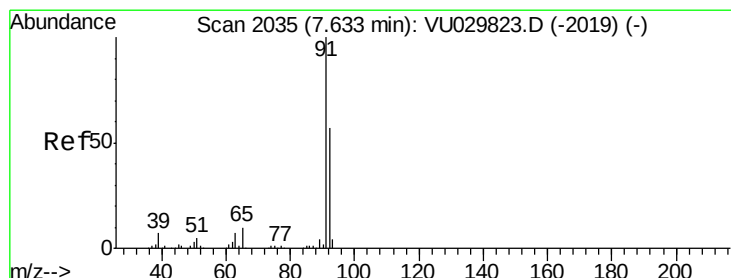
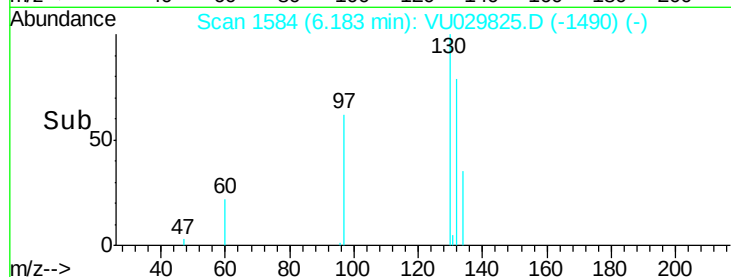
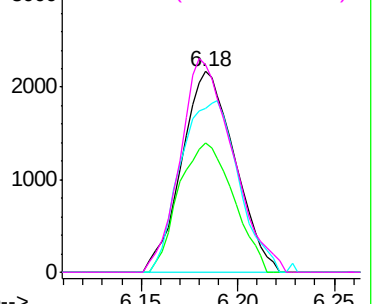


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.485 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029825.D

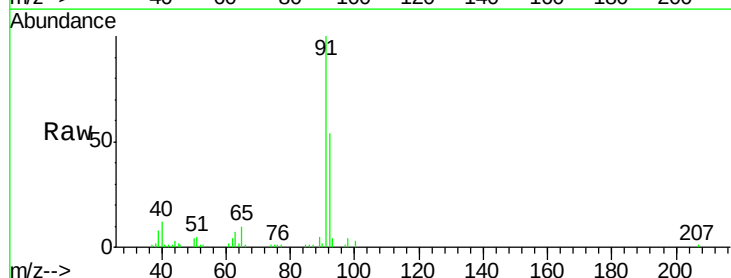
Acq: 05 Mar 2019 16:39

Tgt Ion: 91 Resp: 32245

Ion Ratio Lower Upper

91 100

92 54.0 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

