

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030119\
 Data File : VU029769.D
 Acq On : 01 Mar 2019 17:41
 Operator : JC/SP
 Sample : K1660-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK01

Quant Time: Mar 01 23:33:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 22:12:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	230731	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	225589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86225	5.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.40%
7) Chloroethane-d5	1.68	69	68498	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.27	63	120111	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.19	46	174555	51.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.48%
24) Chloroform-d	4.64	84	134159	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.31	65	67677	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.34	84	298191	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.33	67	87390	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.56	98	273857	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	32545	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.31	63	168637	49.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	70732	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	112871	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

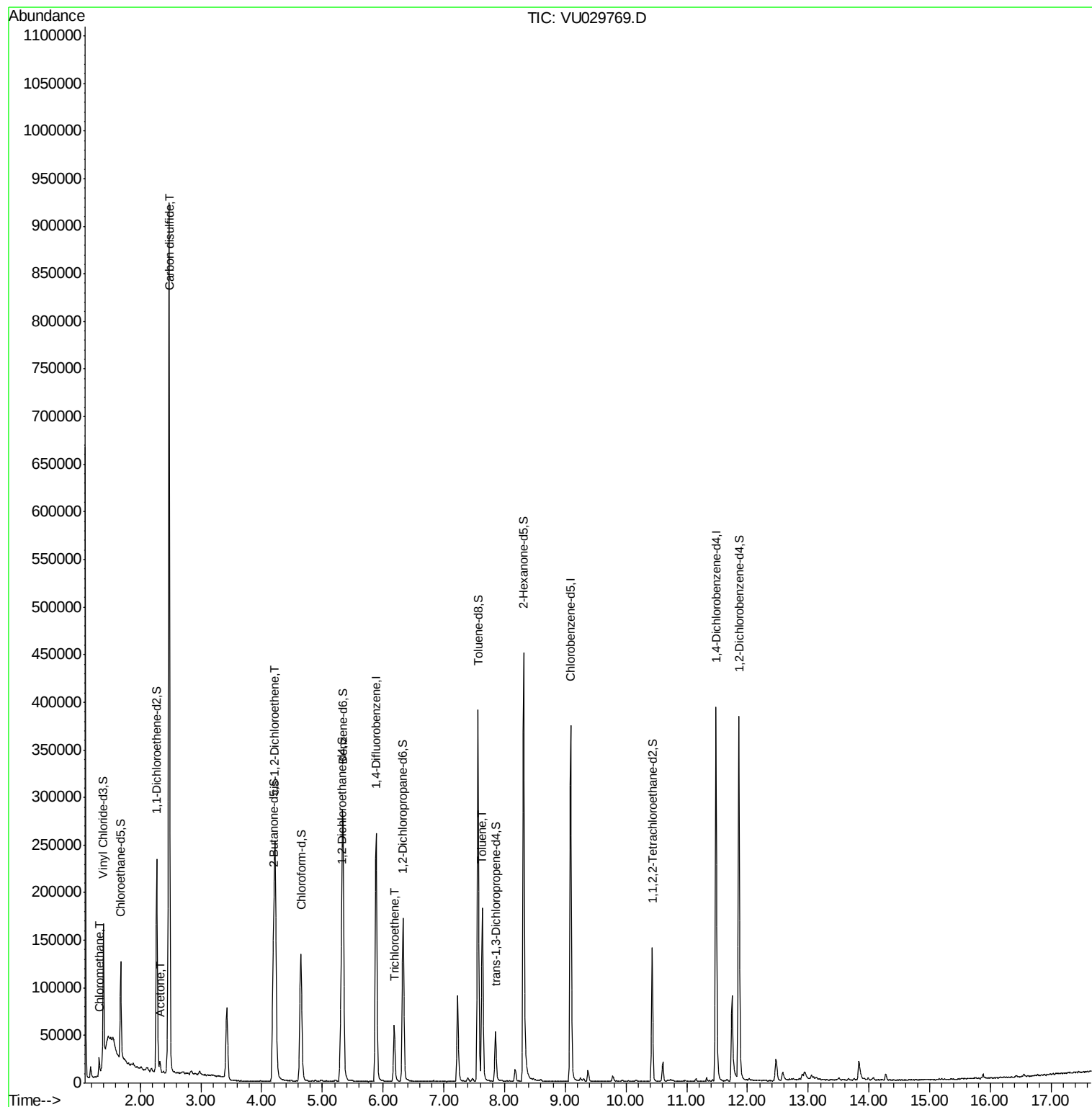
					Ovalue
3) Chloromethane	1.32	50	13252	0.851 ug/L	95
13) Acetone	2.32	43	9655	3.945 ug/L	100
14) Carbon disulfide	2.48	76	1107643	19.703 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	131436	7.705 ug/L	97
34) Trichloroethene	6.18	95	20309	1.220 ug/L	99
42) Toluene	7.63	91	143351	2.120 ug/L	100

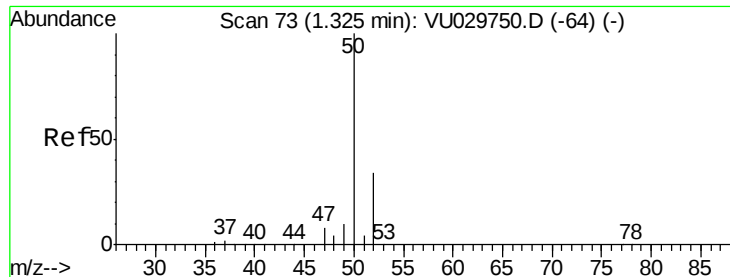
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.851 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU029769.D

Acq: 01 Mar 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

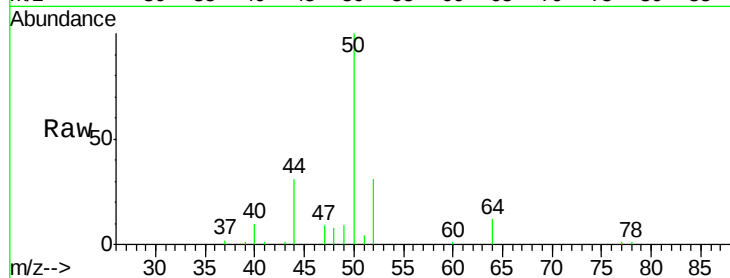
CWK01

Tot Ion: 50 Resp: 13252

Ion Ratio Lower Upper

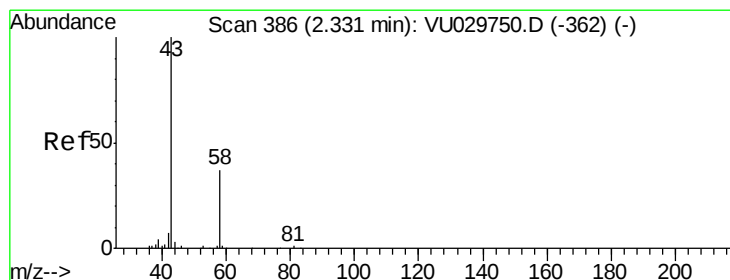
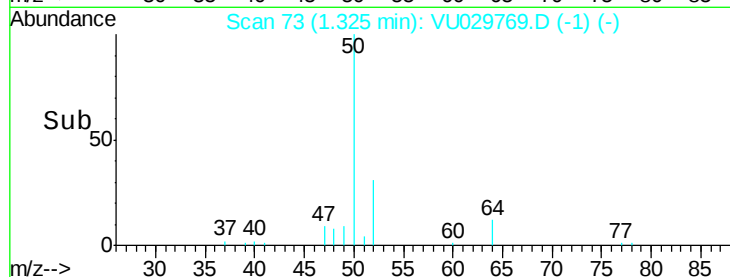
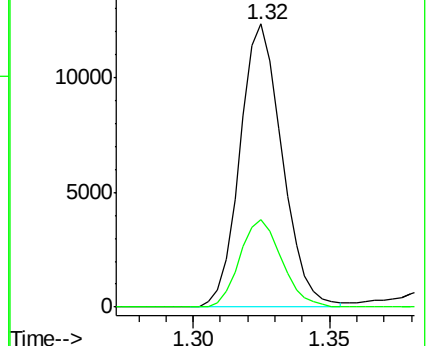
50 100

52 30.7 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 3.945 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VU029769.D

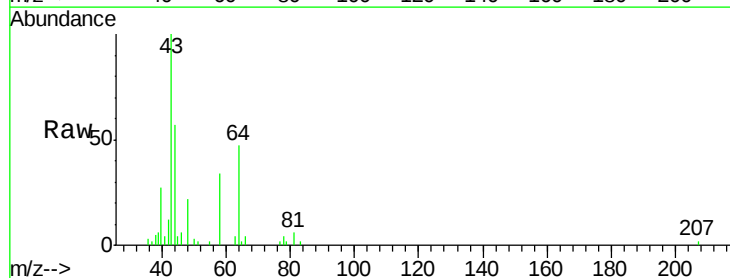
Acq: 01 Mar 2019 17:41

Tgt Ion: 43 Resp: 9655

Ion Ratio Lower Upper

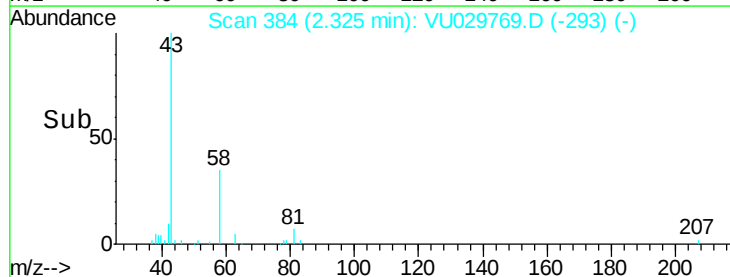
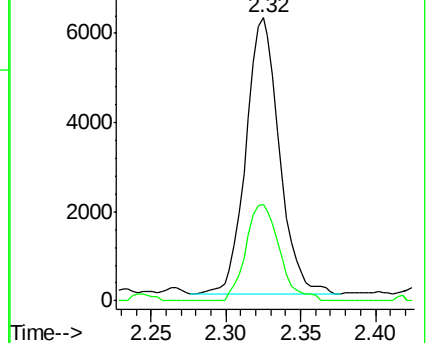
43 100

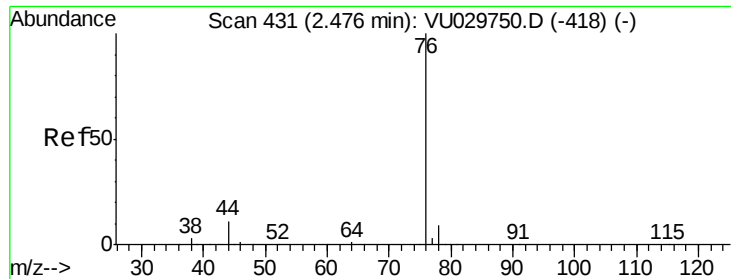
58 35.1 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 19.703 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029769.D

Acq: 01 Mar 2019 17:41

Instrument :

MSVOA_U

ClientSampled :

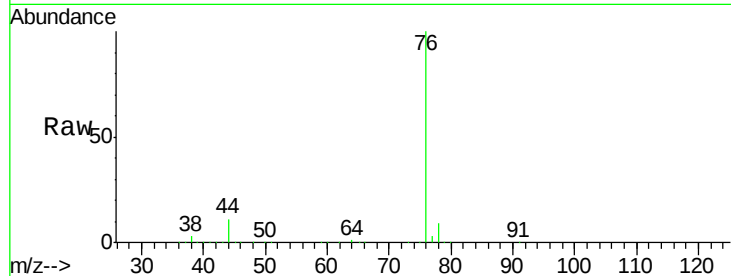
CWK01

Tot Ion: 76 Resp: 1107643

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

800000

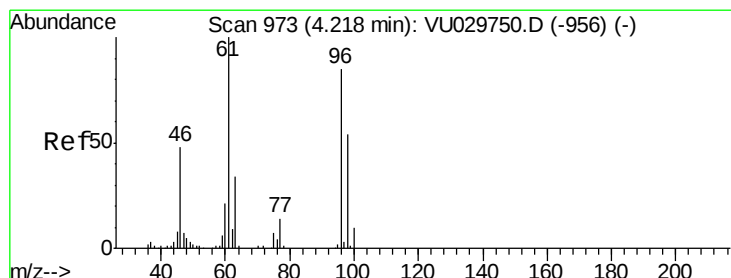
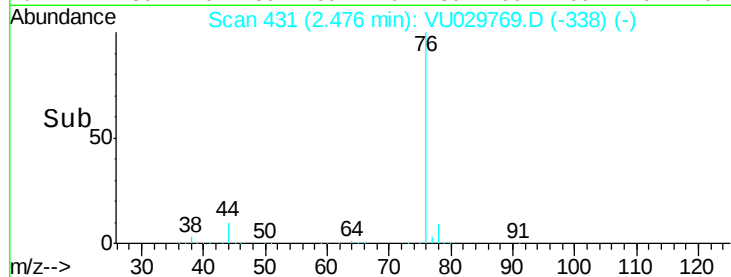
600000

400000

200000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 7.705 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029769.D

Acq: 01 Mar 2019 17:41

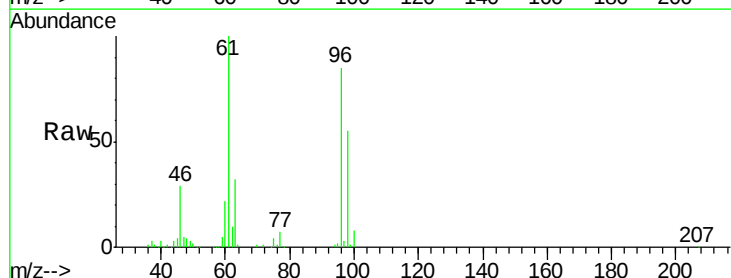
Tgt Ion: 96 Resp: 131436

Ion Ratio Lower Upper

96 100

61 117.4 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

4.22

80000

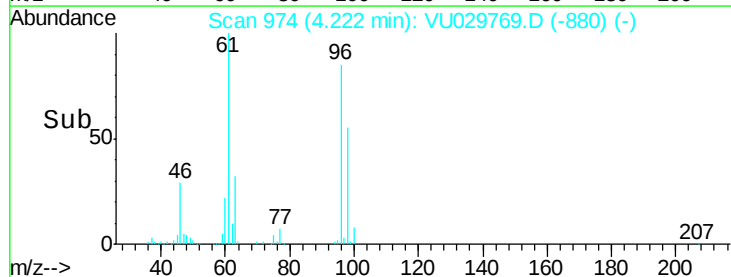
60000

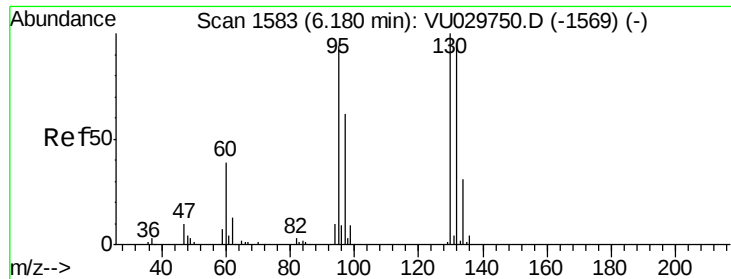
40000

20000

0

Time-->

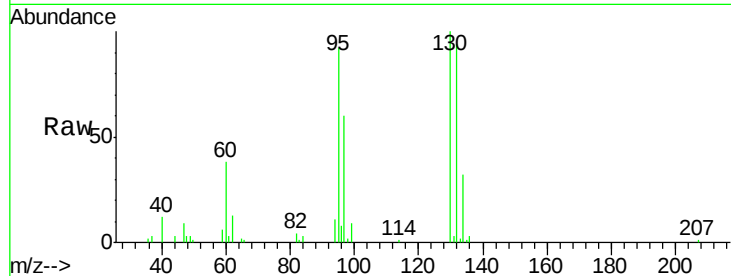




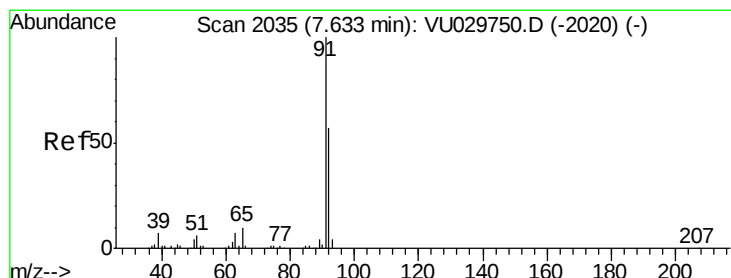
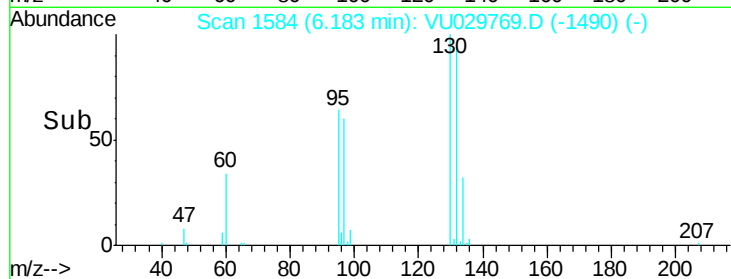
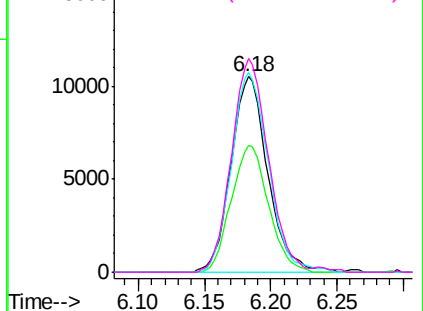
#34
 Trichloroethene
 Concen: 1.220 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029769.D
 Acq: 01 Mar 2019 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK01

Tot Ion: 95 Resp: 20309
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.6 84.8
 132 102.1 72.9 135.3
 130 109.2 77.5 143.9

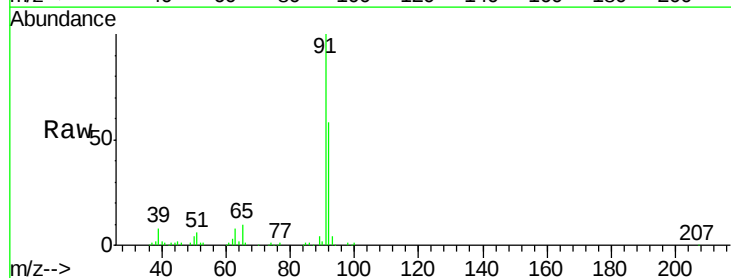


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#42
 Toluene
 Concen: 2.120 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU029769.D
 Acq: 01 Mar 2019 17:41

Tgt Ion: 91 Resp: 143351
 Ion Ratio Lower Upper
 91 100
 92 57.6 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

