

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU123019\
 Data File : VU036377.D
 Acq On : 30 Dec 2019 18:53
 Operator : JC/MD
 Sample : K6459-15MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0BP0MS

Quant Time: Dec 31 07:58:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 31 07:33:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	259568	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	251749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85864	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	37137	1.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	39.40%#
7) Chloroethane-d5	1.93	69	34423	2.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	40.20%#
11) 1,1-Dichloroethene-d2	2.60	63	98378	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.68	46	110793	23.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	46.06%
24) Chloroform-d	5.11	84	74884	1.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	39.60%#
26) 1,2-Dichloroethane-d4	5.75	65	44030	2.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	43.60%#
32) Benzene-d6	5.77	84	154313	2.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	42.40%#
36) 1,2-Dichloropropane-d6	6.73	67	51393	2.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	44.20%#
41) Toluene-d8	7.93	98	146040	2.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	42.80%#
43) trans-1,3-Dichloropropene-	8.21	79	21918	2.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	40.80%#
46) 2-Hexanone-d5	8.67	63	98048	21.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	42.42%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41286	2.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	40.80%#
64) 1,2-Dichlorobenzene-d4	12.22	152	41822	2.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	45.60%#

Target Compounds

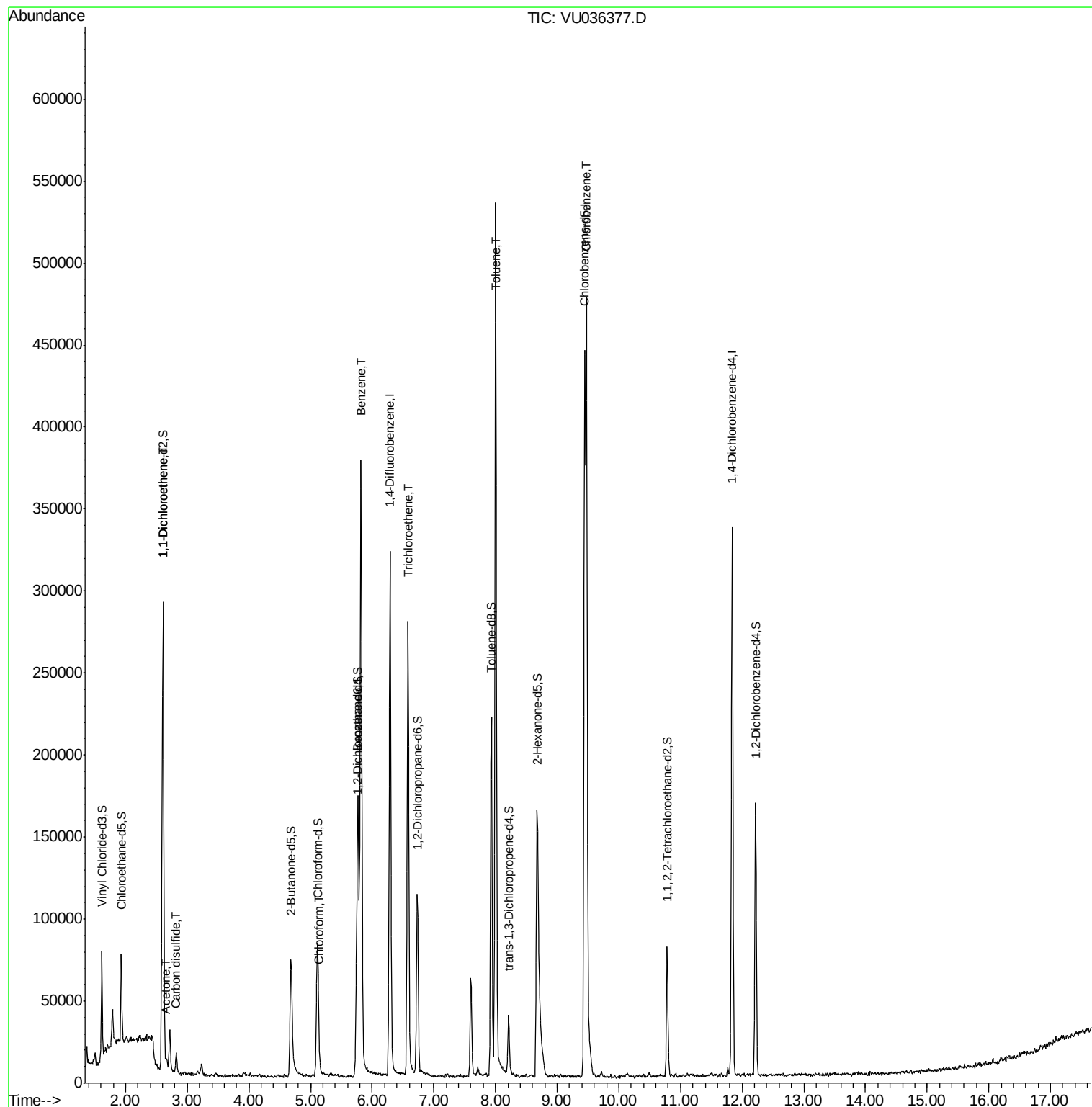
					Ovalue
12) 1,1-Dichloroethene	2.61	96	75348	4.769	ug/L 86
13) Acetone	2.67	43	8238	2.658	ug/L 98
14) Carbon disulfide	2.83	76	15449	0.298	ug/L 98
25) Chloroform	5.14	83	6879	0.202	ug/L 95
33) Benzene	5.82	78	365150	4.895	ug/L 100
34) Trichloroethene	6.58	95	93670	4.662	ug/L 97
42) Toluene	8.00	91	391833	4.747	ug/L 99
51) Chlorobenzene	9.48	112	244272	4.747	ug/L 96

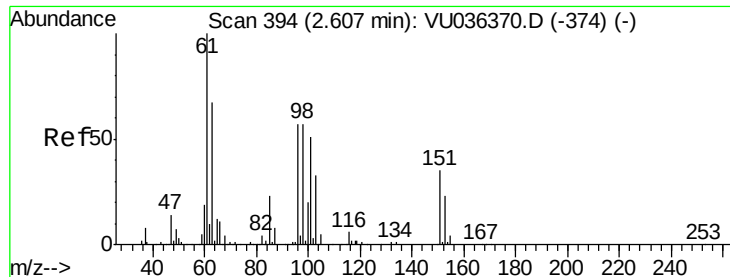
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 31 07:33:27 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.769 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036377.D

Acq: 30 Dec 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

H0BP0MS

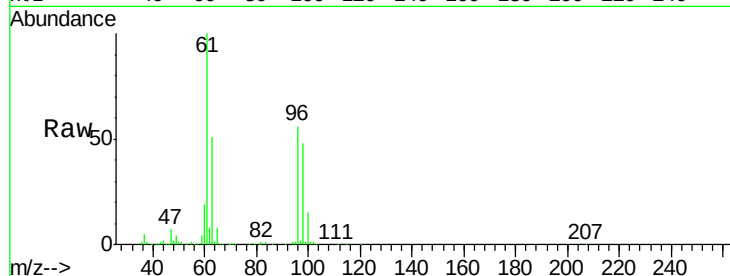
Tot Ion: 96 Resp: 75348

Ion Ratio Lower Upper

96 100

61 179.6 123.8 230.0

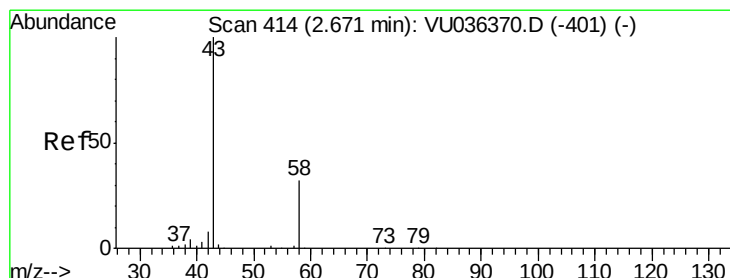
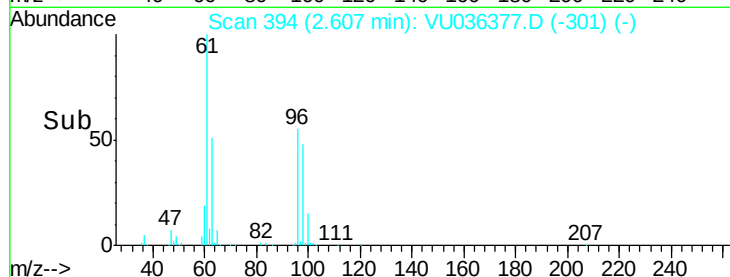
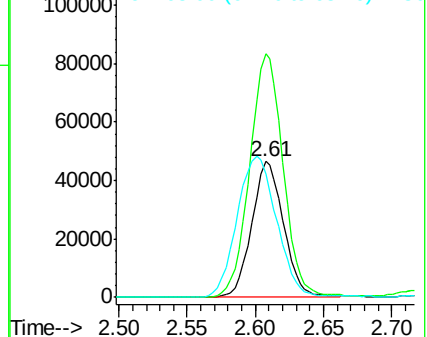
63 91.3 89.0 165.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 2.658 ug/L

RT: 2.67 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036377.D

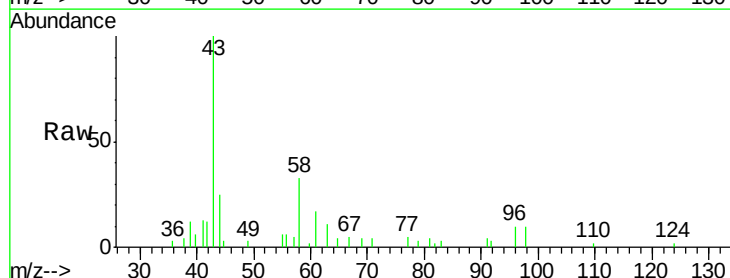
Acq: 30 Dec 2019 18:53

Tgt Ion: 43 Resp: 8238

Ion Ratio Lower Upper

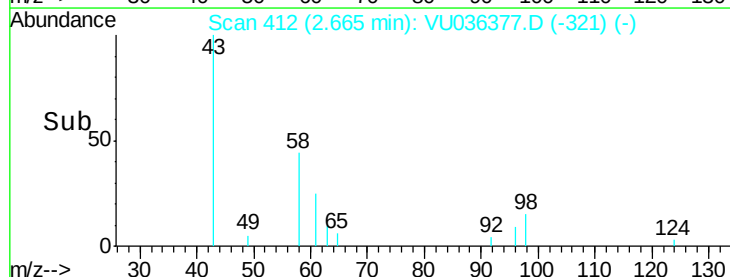
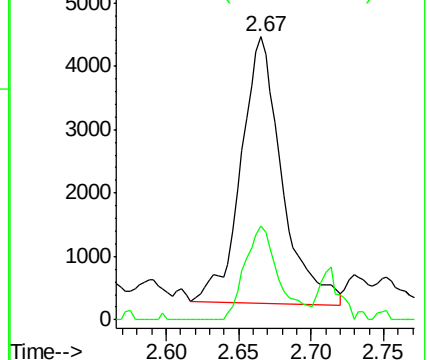
43 100

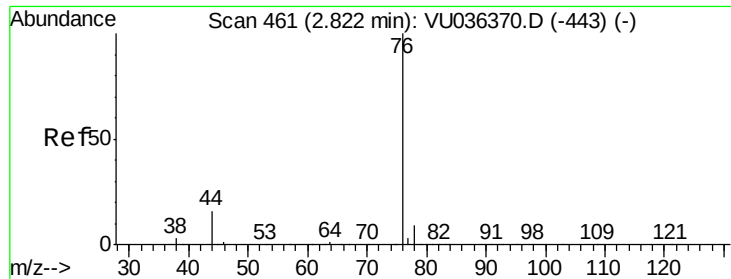
58 29.7 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.298 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036377.D

Acq: 30 Dec 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

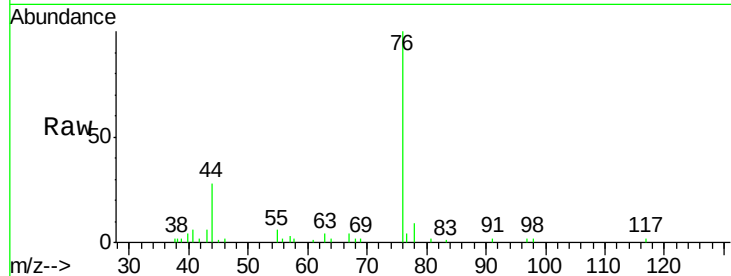
H0BP0MS

Tot Ion: 76 Resp: 15449

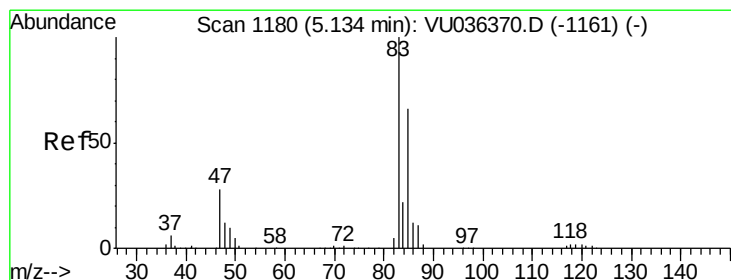
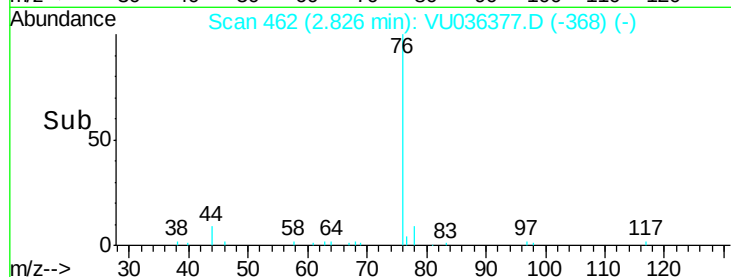
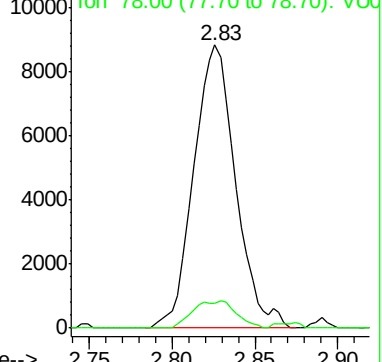
Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VU036377.D (-368) (-)



#25

Chloroform

Concen: 0.202 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VU036377.D

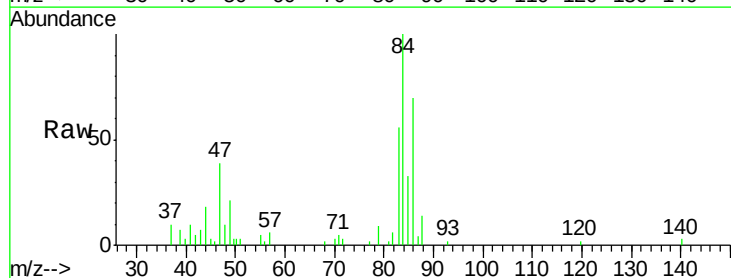
Acq: 30 Dec 2019 18:53

Tgt Ion: 83 Resp: 6879

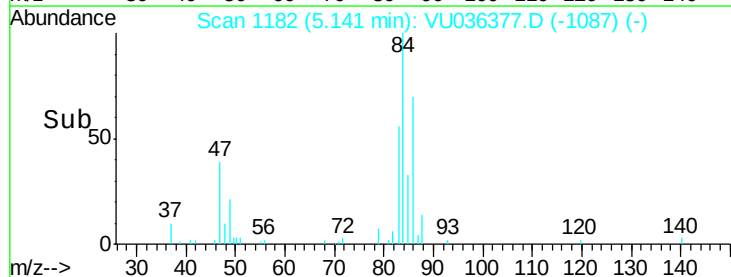
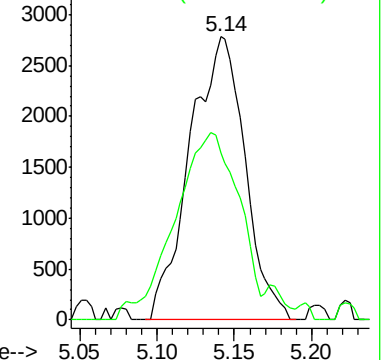
Ion Ratio Lower Upper

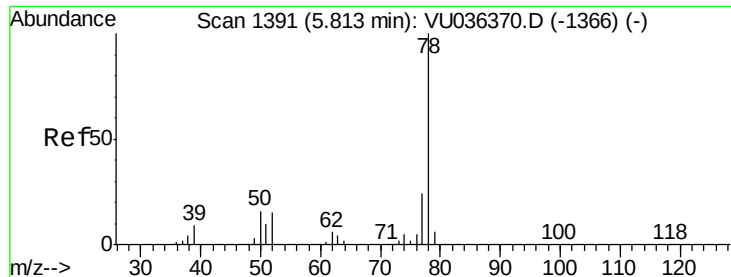
83 100

85 58.8 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VU036377.D (-1087) (-)





#33

Benzene

Concen: 4.895 ug/L

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036377.D

Acq: 30 Dec 2019 18:53

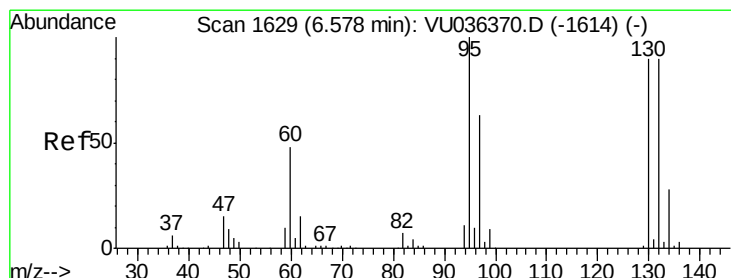
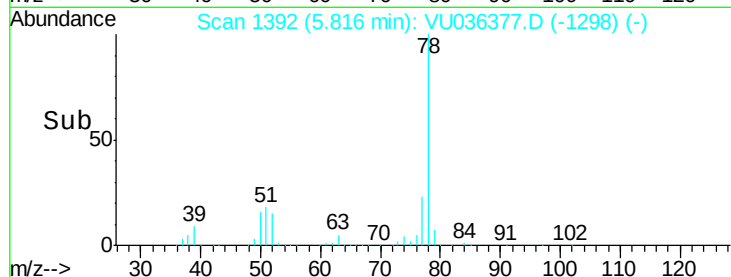
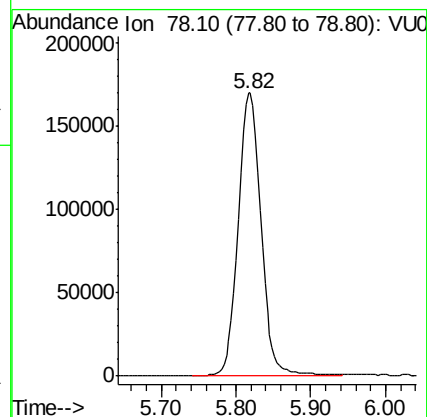
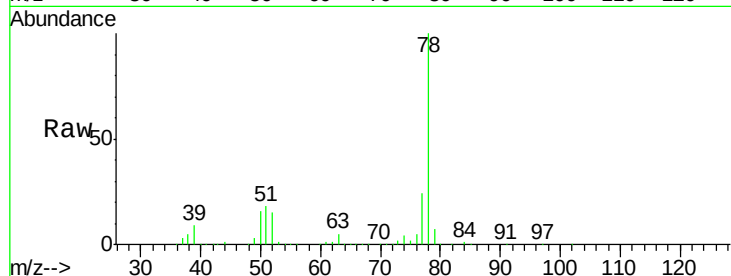
Instrument :

MSVOA_U

ClientSampleId :

H0BP0MS

Tgt Ion: 78 Resp: 365150



#34

Trichloroethene

Concen: 4.662 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036377.D

Acq: 30 Dec 2019 18:53

Tgt Ion: 95 Resp: 93670

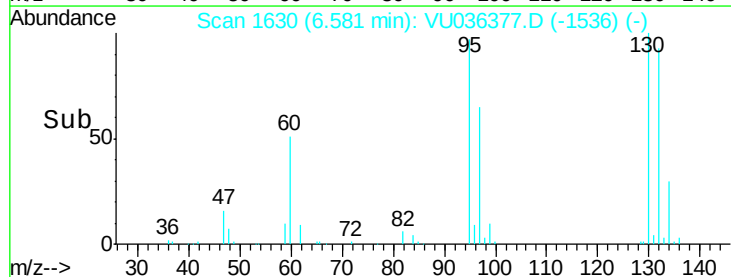
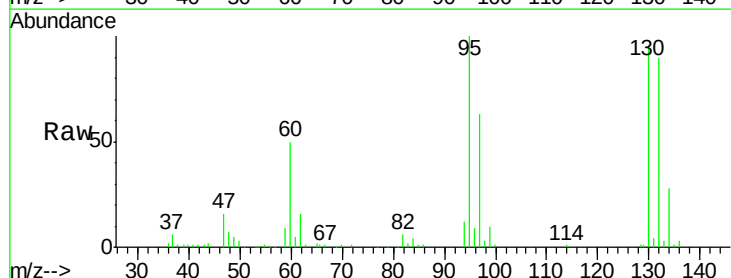
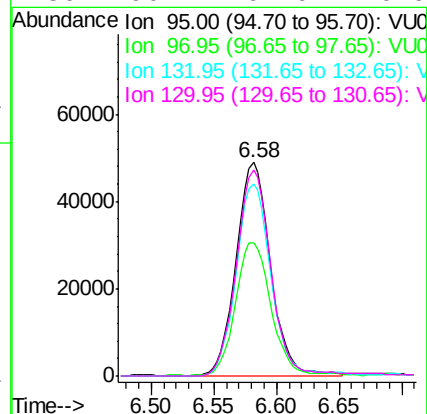
Ion	Ratio	Lower	Upper
95	100		
97	62.6	42.9	79.7
132	89.8	62.4	116.0
130	96.4	62.9	116.9

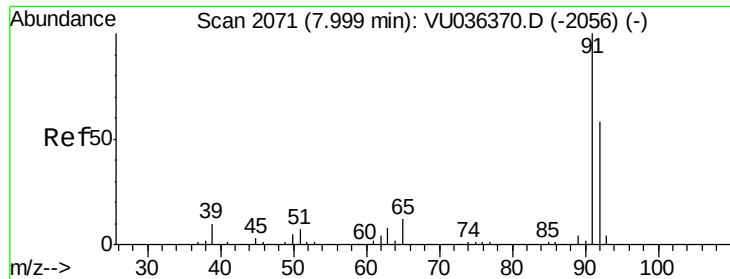
Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0





#42

Toluene

Concen: 4.747 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036377.D

Acq: 30 Dec 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

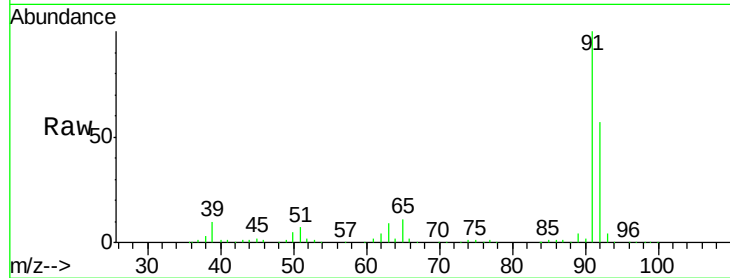
H0BP0MS

Tot Ion: 91 Resp: 391833

Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.3



Abundance Ion 91.15 (90.85 to 91.85): VU036377.D (-1978) (-)

Ion 92.15 (91.85 to 92.85): VU036377.D (-1978) (-)

8.00

250000

200000

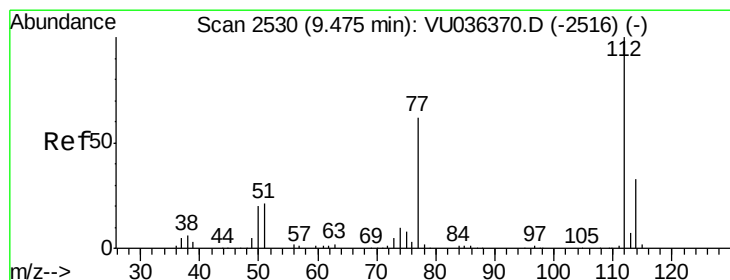
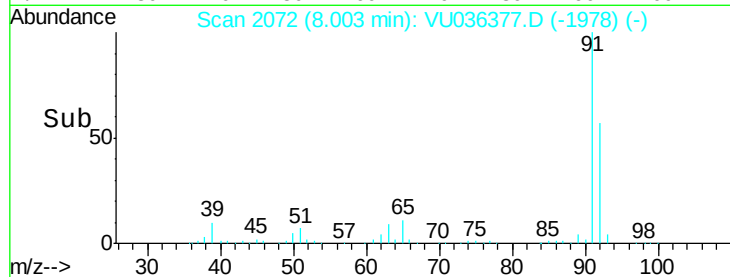
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 4.747 ug/L

RT: 9.48 min Scan# 2530

Delta R.T. 0.00 min

Lab File: VU036377.D

Acq: 30 Dec 2019 18:53

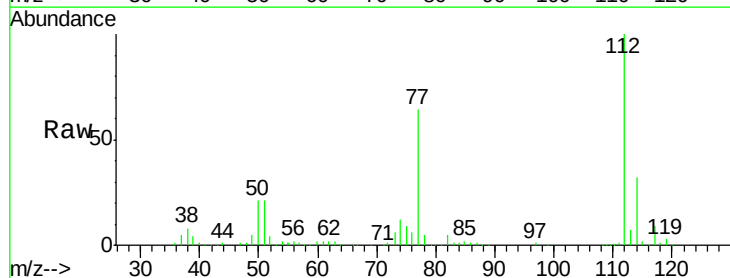
Tgt Ion: 112 Resp: 244272

Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.3

77 64.1 47.8 71.8



Abundance Ion 112.10 (111.80 to 112.80): VU036377.D (-2437) (-)

Ion 114.05 (113.75 to 114.75): VU036377.D (-2437) (-)

Ion 77.10 (76.80 to 77.80): VU036377.D (-2437) (-)

9.48

150000

100000

50000

0

Time-->

