

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
 Data File : VU035292.D
 Acq On : 19 Oct 2019 02:11
 Operator : JC/SP
 Sample : K5419-13DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 00:04:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 06:13:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	312342	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	305693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	125349	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90451	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.93	69	83384	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.60	63	126486	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.71	46	271648	49.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.26%
24) Chloroform-d	5.11	84	179466	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.75	65	101347	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.77	84	356599	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.74	67	116836	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.93	98	326751	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.22	79	46192	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.69	63	225785	47.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.06%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100069	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	118133	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

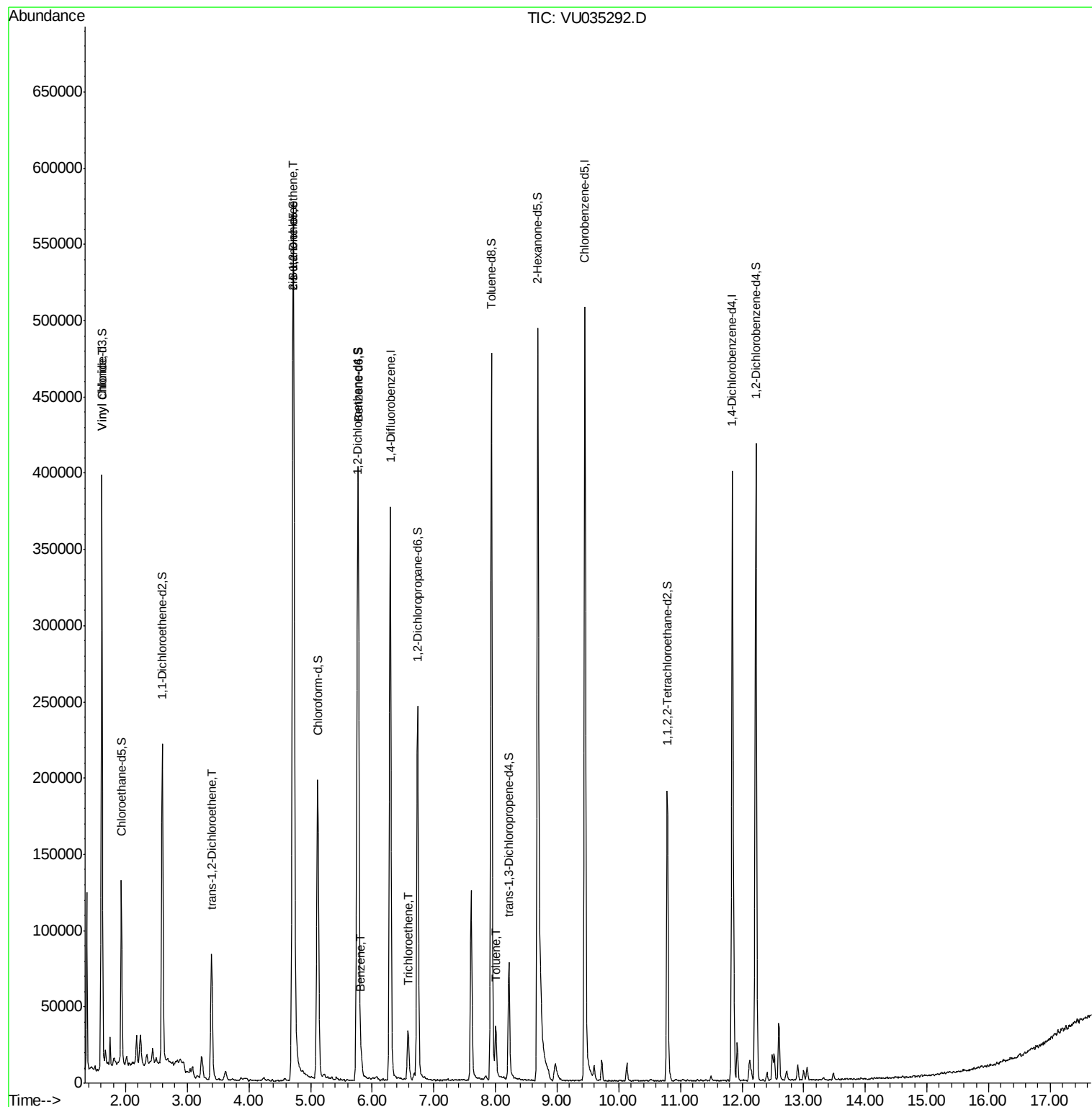
					Qvalue
5) Vinyl chloride	1.62	62	169790	6.270 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	36992	1.708 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	212169	8.864 ug/L	98
33) Benzene	5.82	78	12046	0.134 ug/L	100
34) Trichloroethene	6.58	95	10092	0.417 ug/L	98
42) Toluene	8.01	91	21309	0.215 ug/L	92

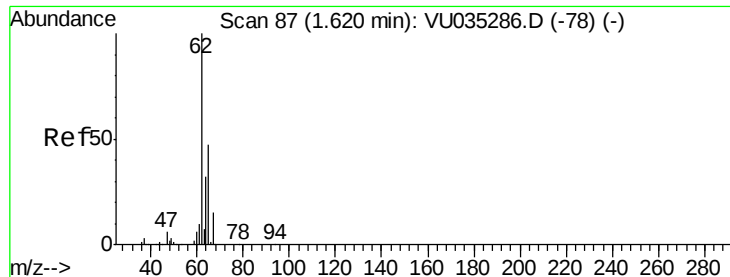
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:13:43 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.270 ug/L

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035292.D

Acq: 19 Oct 2019 02:11

Instrument :

MSVOA_U

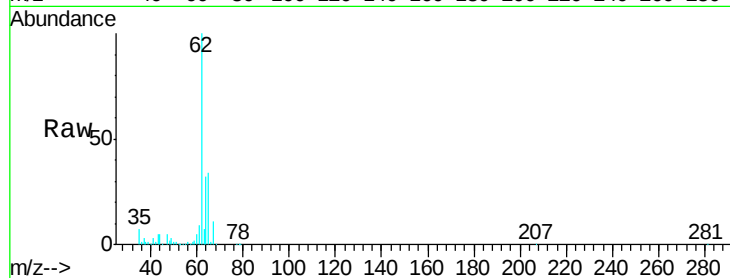
ClientSampleId :

Tgt Ion: 62 Resp: 169790

Ion Ratio Lower Upper

62 100

64 32.4 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VU035286.D (-78) (-)

Ion 64.10 (63.80 to 64.80): VU035286.D (-78) (-)

1.62

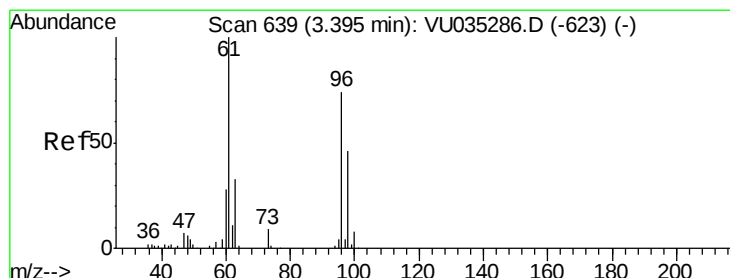
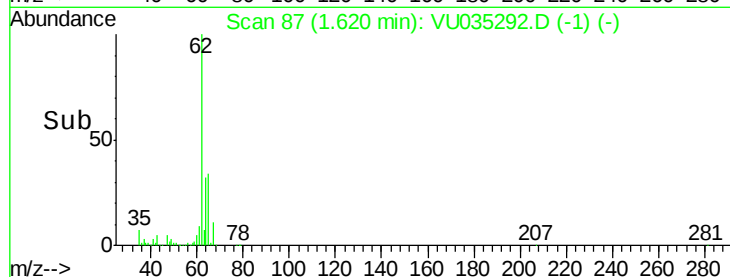
150000

100000

50000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 1.708 ug/L

RT: 3.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: VU035292.D

Acq: 19 Oct 2019 02:11

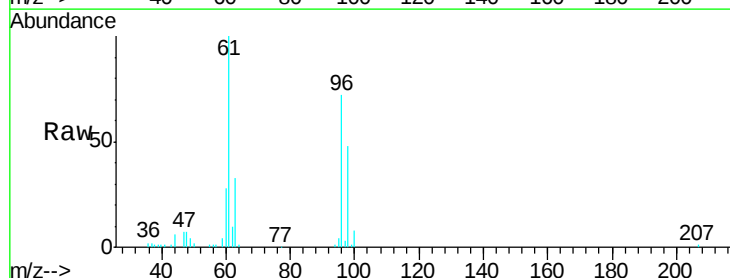
Tgt Ion: 96 Resp: 36992

Ion Ratio Lower Upper

96 100

61 139.7 93.0 172.6

98 67.6 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VU035286.D (-623) (-)

Ion 61.05 (60.75 to 61.75): VU035286.D (-623) (-)

Ion 97.95 (97.65 to 98.65): VU035286.D (-623) (-)

3.39

30000

25000

20000

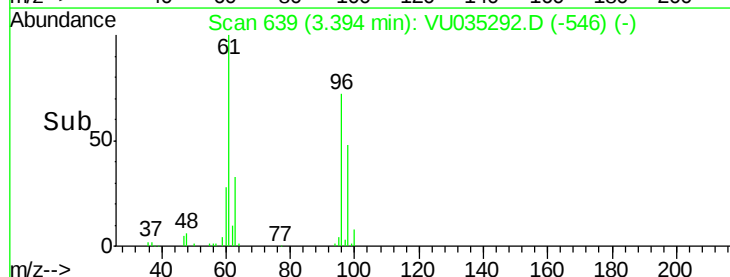
15000

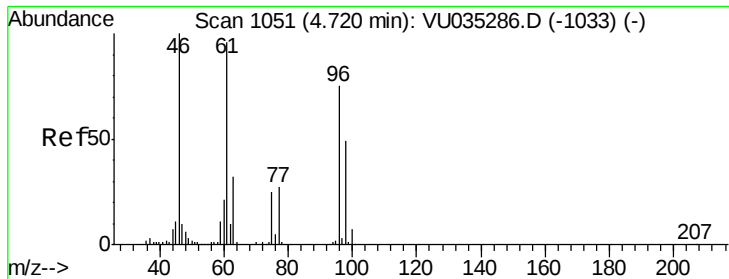
10000

5000

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 8.864 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VU035292.D

Acq: 19 Oct 2019 02:11

Instrument :
MSVOA_U
ClientSampled :

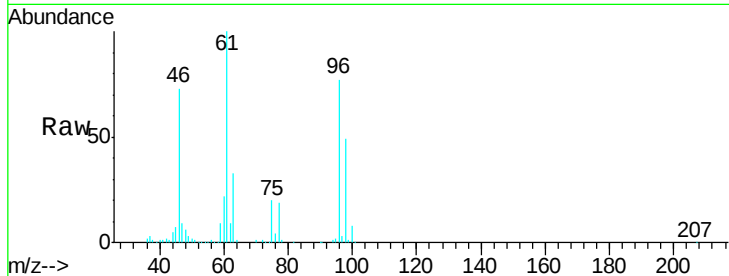
Tgt Ion: 96 Resp: 212169

Ion Ratio Lower Upper

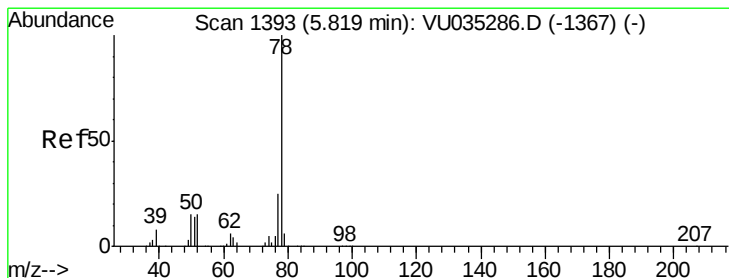
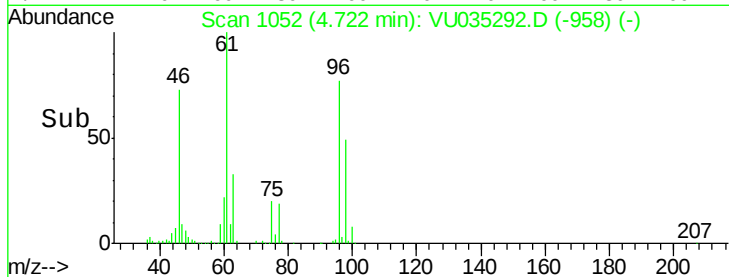
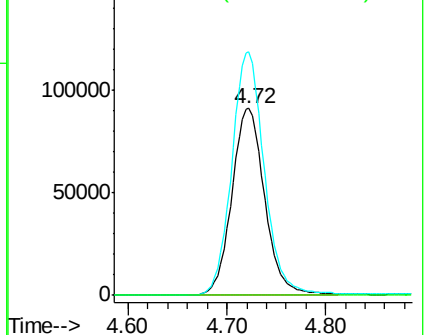
96 100

61 130.1 89.7 166.5

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



#33

Benzene

Concen: 0.134 ug/L

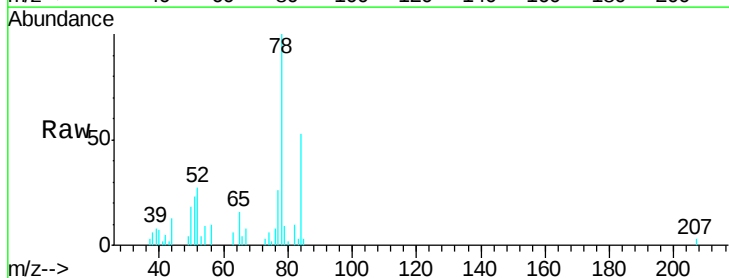
RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

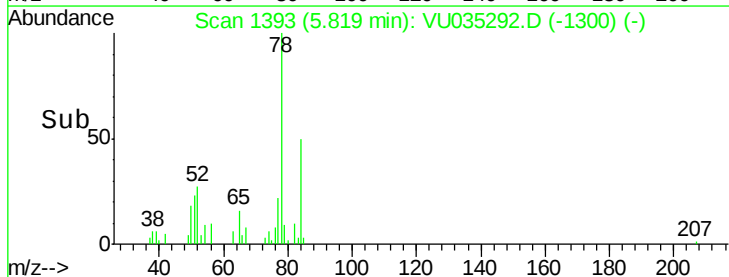
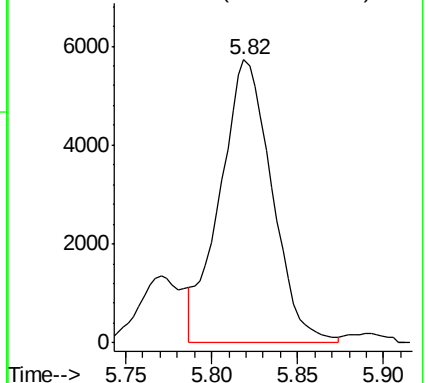
Lab File: VU035292.D

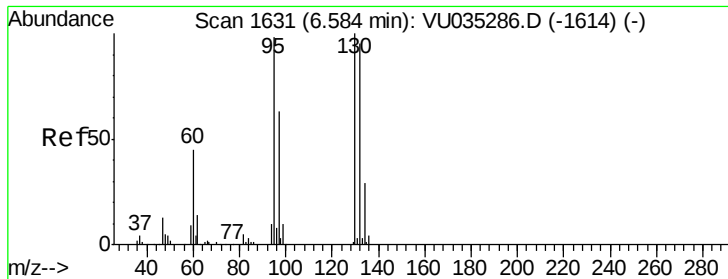
Acq: 19 Oct 2019 02:11

Tgt Ion: 78 Resp: 12046



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 0.417 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VU035292.D

Acq: 19 Oct 2019 02:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 10092

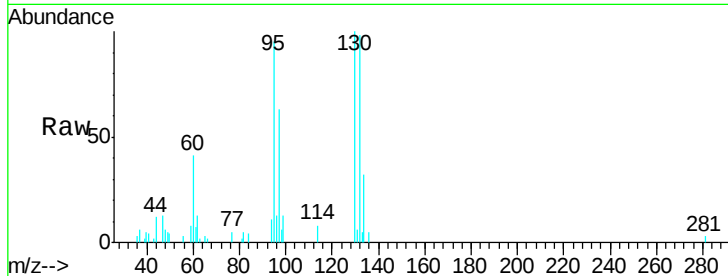
Ion Ratio Lower Upper

95 100

97 66.2 46.6 86.6

132 102.9 68.7 127.7

130 104.8 73.9 137.3

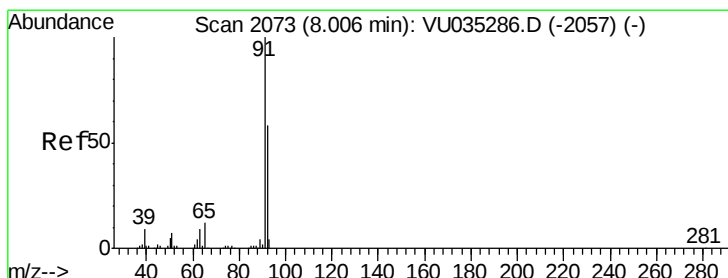
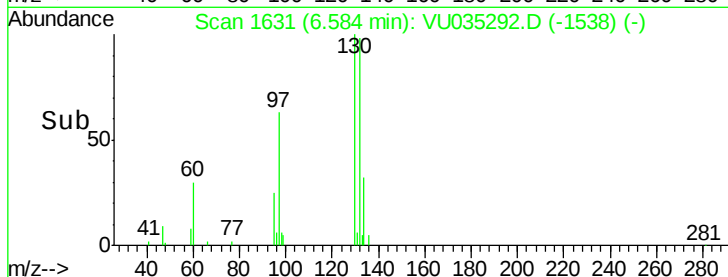
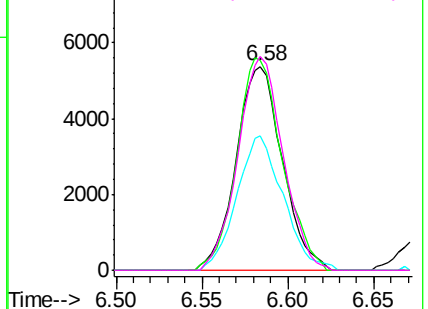


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.215 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035292.D

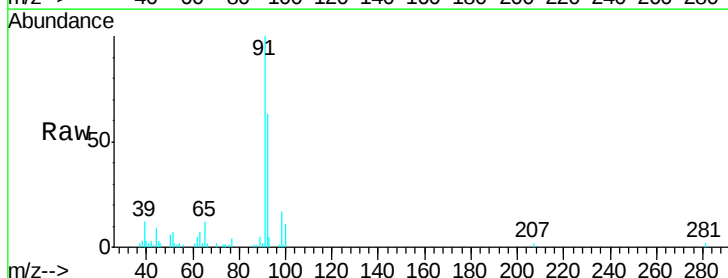
Acq: 19 Oct 2019 02:11

Tgt Ion: 91 Resp: 21309

Ion Ratio Lower Upper

91 100

92 63.0 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

