

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037801.D
 Acq On : 18 Apr 2020 03:33
 Operator : JC/MD
 Sample : L2319-13
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE5

Quant Time: Apr 18 07:26:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 05:19:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261364	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255984	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78310	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.93	69	75682	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.59	63	108779	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.66	46	312441	57.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.04%
24) Chloroform-d	5.10	84	158354	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.74	65	91928	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.76	84	322585	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.72	67	111886	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.92	98	291160	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.20	79	44105	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.65	63	264037	51.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	89223	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	107594	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

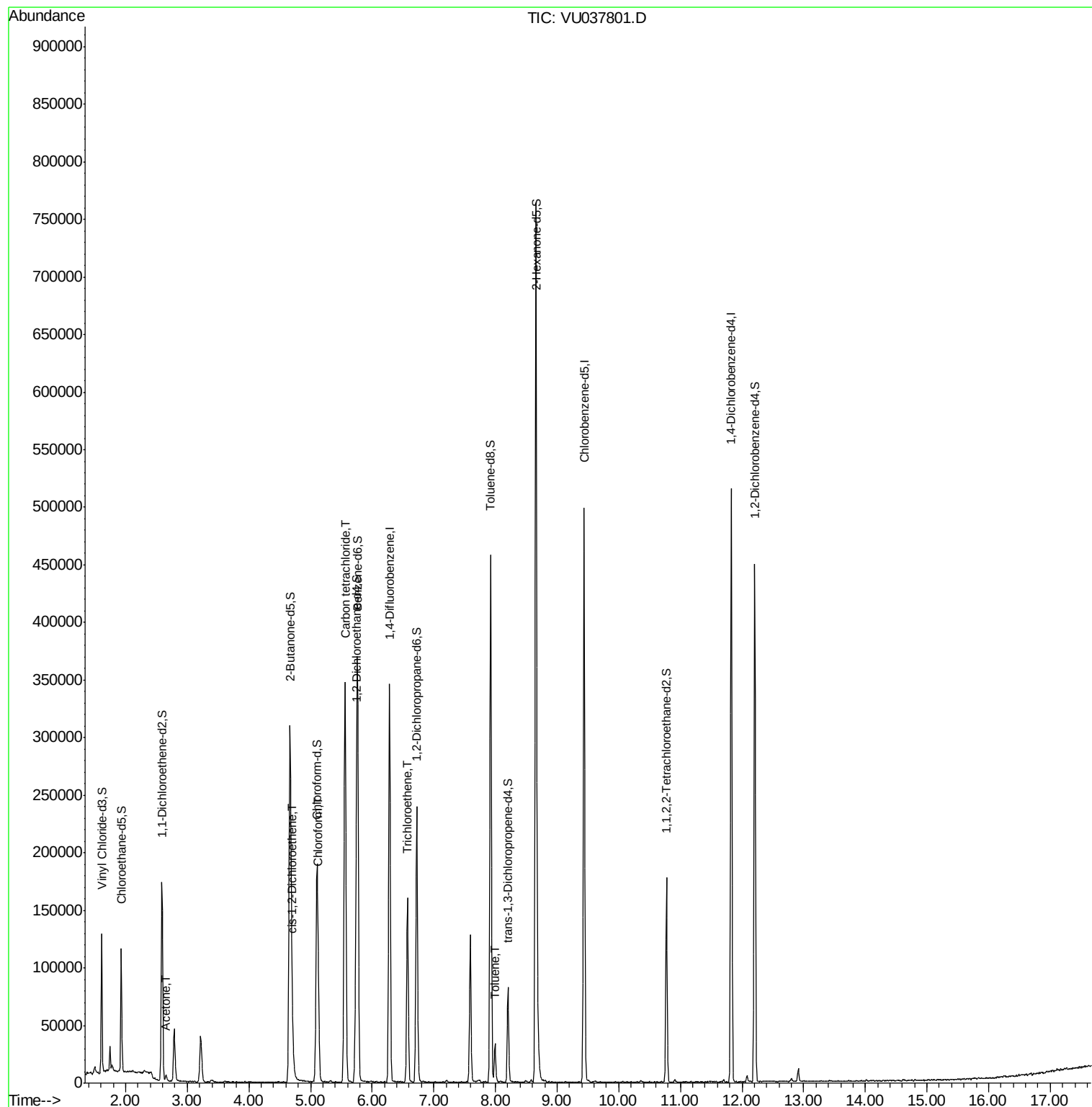
					Ovalue
13) Acetone	2.66	43	6221	1.737	ug/L 96
22) cis-1,2-Dichloroethene	4.71	96	13907	0.658	ug/L 91
25) Chloroform	5.13	83	50863	1.416	ug/L 95
31) Carbon tetrachloride	5.56	117	233372	9.429	ug/L 99
34) Trichloroethene	6.57	95	53177	2.558	ug/L 96
42) Toluene	7.99	91	21498	0.243	ug/L 94

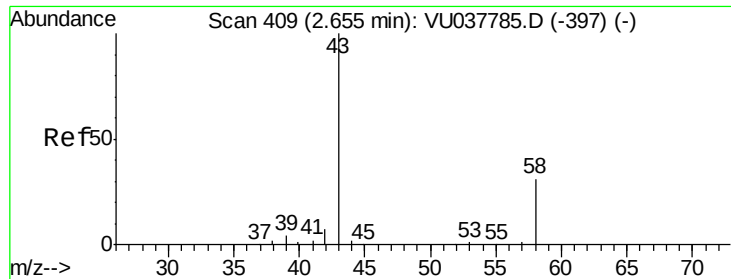
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 05:19:30 2020
Response via : Initial Calibration

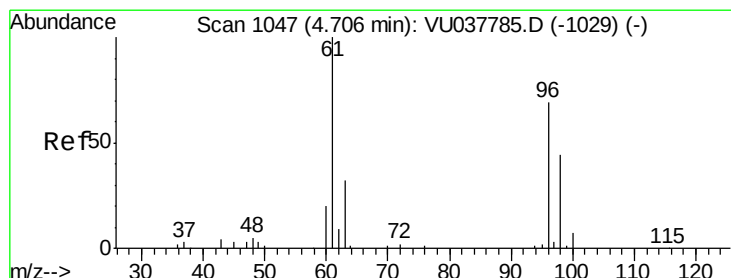
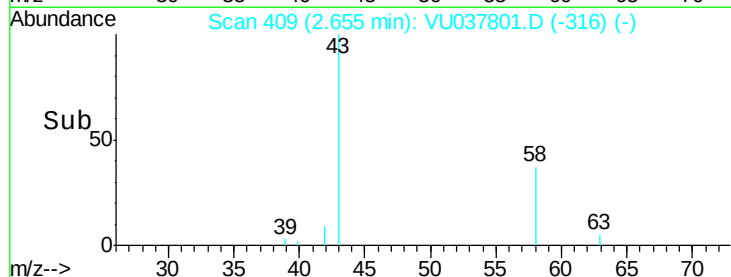
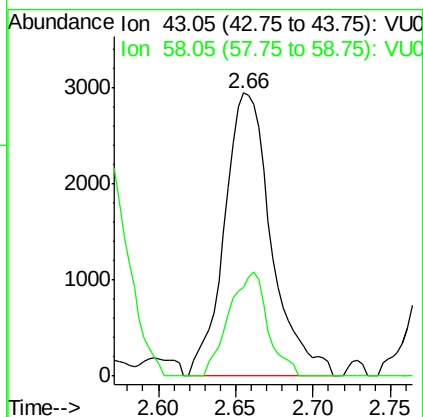
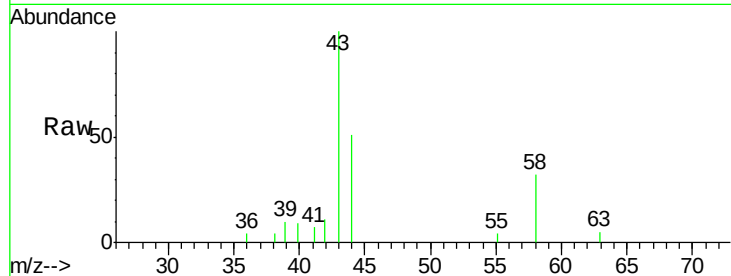




#13
Acetone
Concen: 1.737 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU037801.D
Acq: 18 Apr 2020 03:33

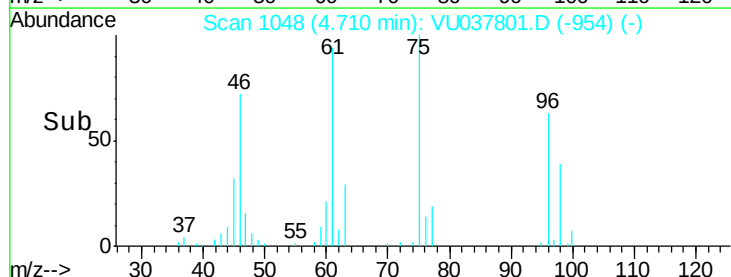
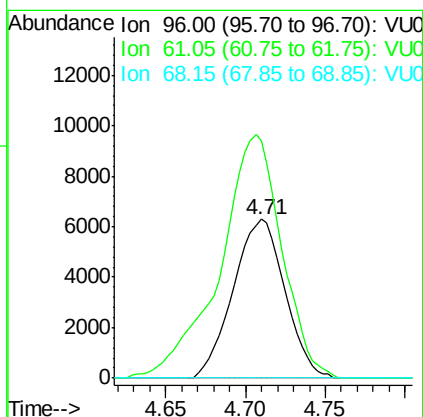
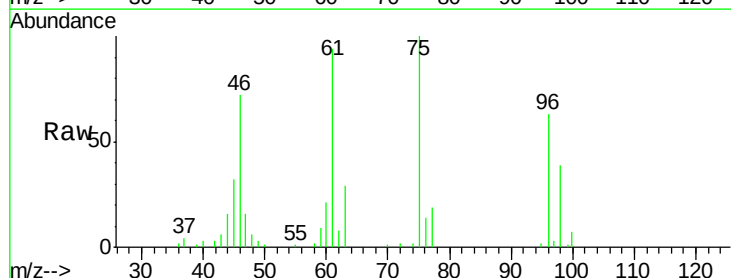
Instrument :
MSVOA_U
ClientSampled :
C0AE5

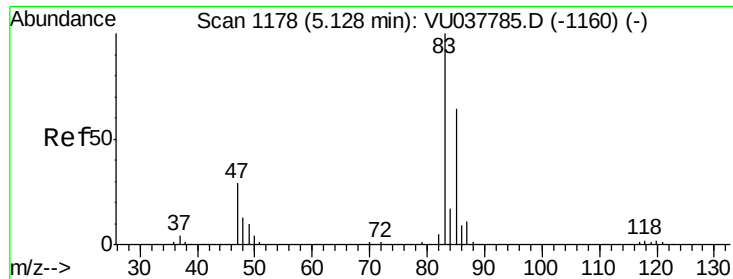
Tot Ion: 43 Resp: 6221
Ion Ratio Lower Upper
43 100
58 30.2 0.0 64.8



#22
cis-1,2-Dichloroethene
Concen: 0.658 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU037801.D
Acq: 18 Apr 2020 03:33

Tgt Ion: 96 Resp: 13907
Ion Ratio Lower Upper
96 100
61 149.2 97.0 180.2
68 0.0 0.0 0.0

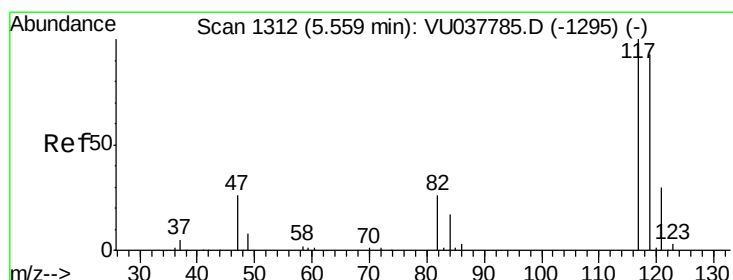
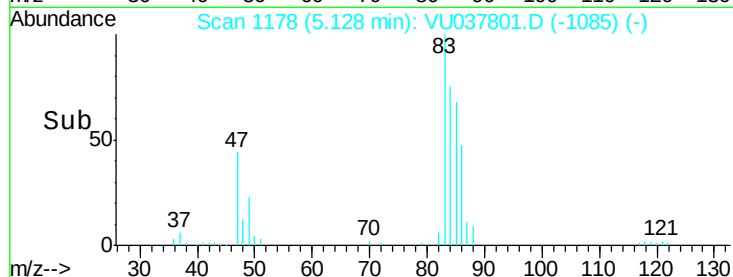
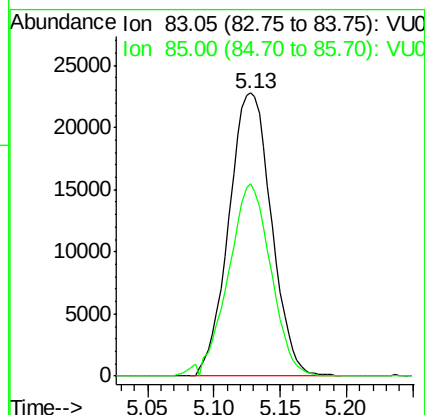
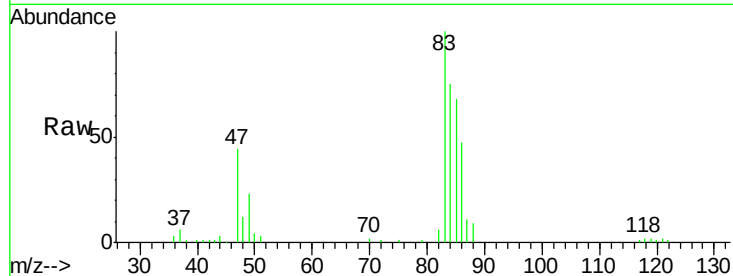




#25
Chloroform
Concen: 1.416 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037801.D
Acq: 18 Apr 2020 03:33

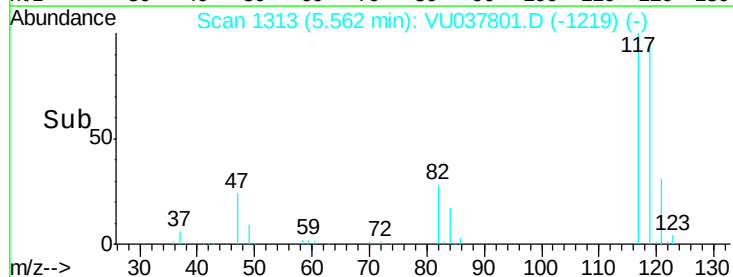
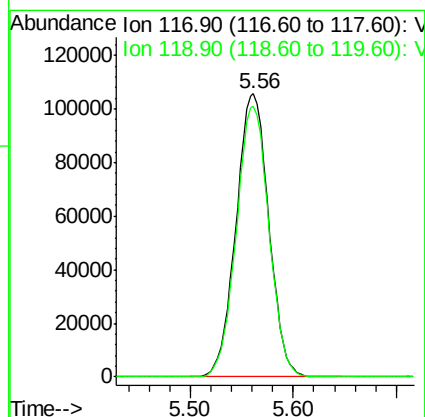
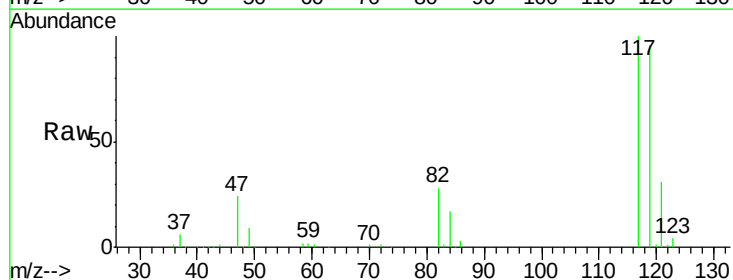
Instrument :
MSVOA_U
ClientSampled :
C0AE5

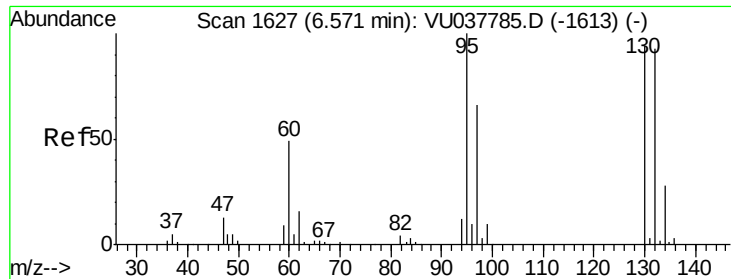
Tot Ion: 83 Resp: 50863
Ion Ratio Lower Upper
83 100
85 68.1 44.9 83.3



#31
Carbon tetrachloride
Concen: 9.429 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037801.D
Acq: 18 Apr 2020 03:33

Tgt Ion: 117 Resp: 233372
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0





#34

Trichloroethene

Concen: 2.558 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037801.D

Acq: 18 Apr 2020 03:33

Instrument :

MSVOA_U

ClientSampleId :

C0AE5

Tot Ion: 95 Resp: 53177

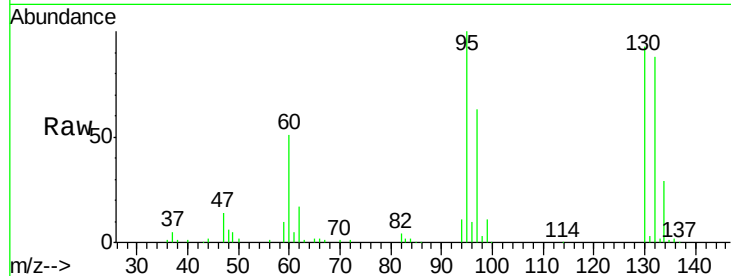
Ion Ratio Lower Upper

95 100

97 62.8 45.4 84.2

132 88.0 63.7 118.3

130 93.4 68.7 127.5

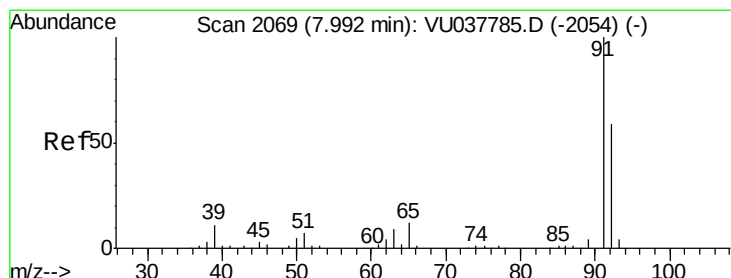
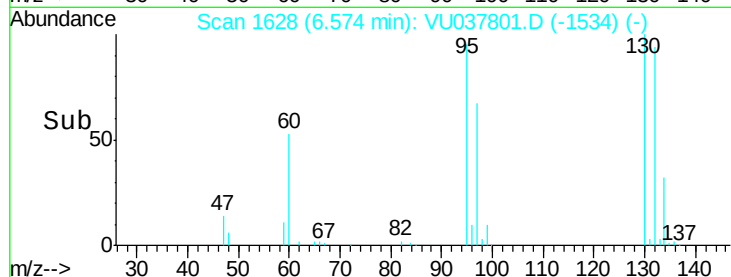
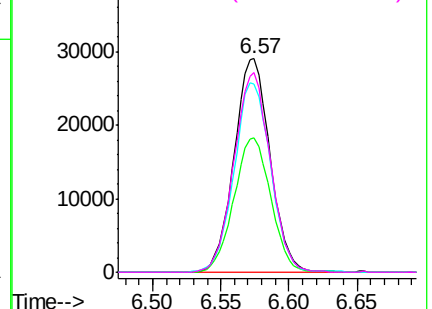


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.243 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU037801.D

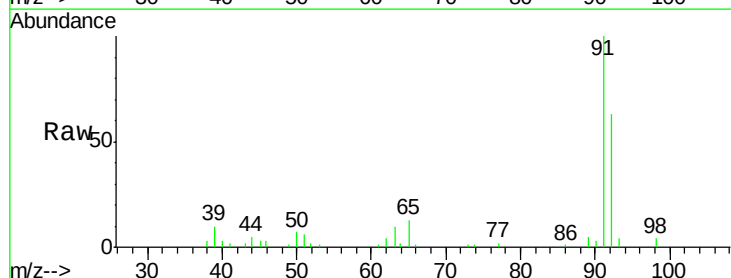
Acq: 18 Apr 2020 03:33

Tgt Ion: 91 Resp: 21498

Ion Ratio Lower Upper

91 100

92 63.5 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

