

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040882.D
 Acq On : 21 Oct 2020 19:03
 Operator : SY/MD
 Sample : L4428-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ46

Quant Time: Oct 22 02:01:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	237415	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	235924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	104473	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	71509	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.92	69	66828	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.58	63	109836	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.65	46	330367	57.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.34%
24) Chloroform-d	5.08	84	160313	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.72	65	103505	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	286677	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.70	67	99483	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	226819	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.19	79	39344	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.64	63	246921	58.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	95254	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	96807	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

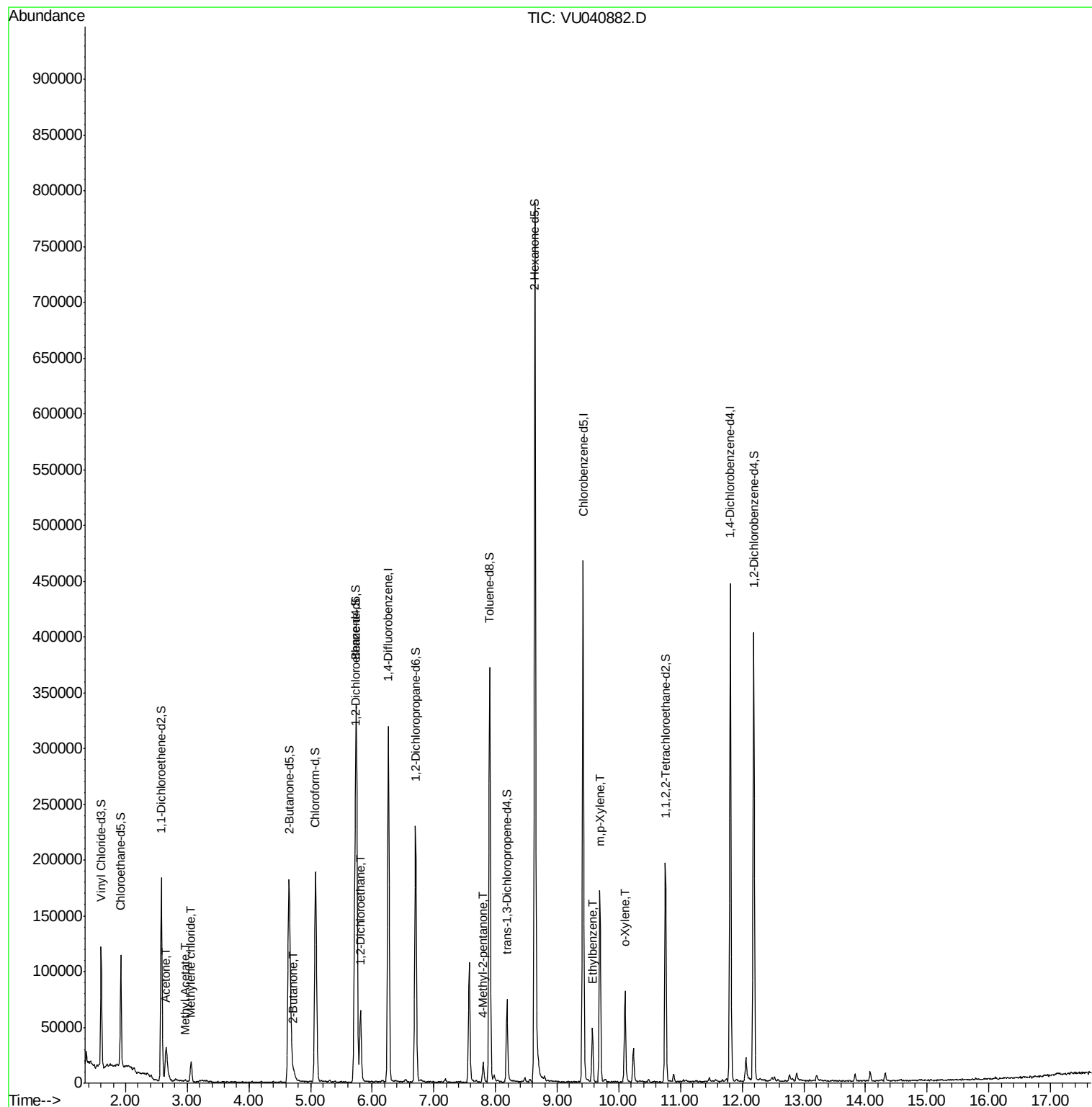
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	48442	11.927	ug/L	99
15) Methyl Acetate	2.97	43	1505	0.147	ug/L #	86
16) Methylene chloride	3.06	84	8058	0.377	ug/L	96
21) 2-Butanone	4.73	43	6953	1.136	ug/L	94
27) 1,2-Dichloroethane	5.81	62	53162	2.103	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	11949	0.870	ug/L #	87
52) Ethylbenzene	9.57	91	30916	0.377	ug/L	98
53) m,p-Xylene	9.69	106	43268	1.466	ug/L	93
54) o-Xylene	10.10	106	19845	0.707	ug/L	99

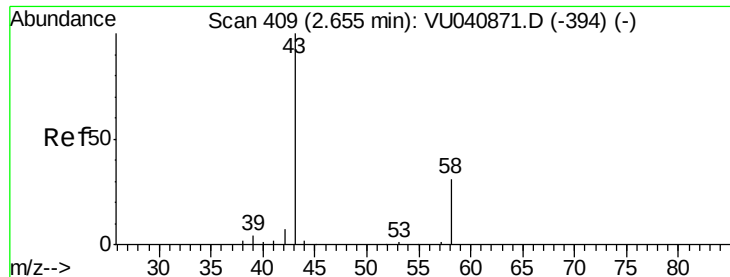
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration





#13

Acetone

Concen: 11.927 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU040882.D

Acq: 21 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

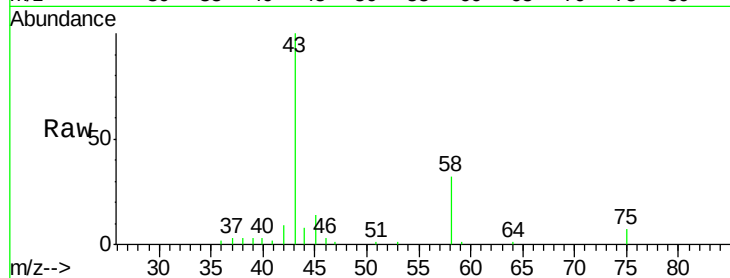
ETZ46

Tot Ion: 43 Resp: 48442

Ion Ratio Lower Upper

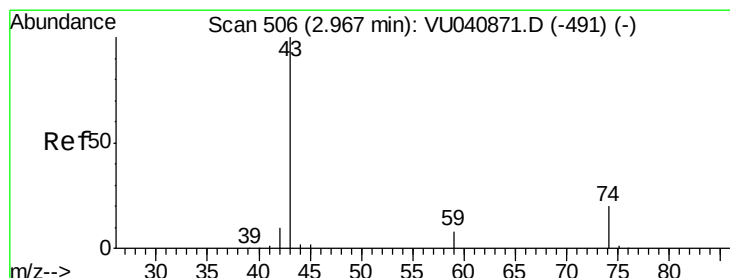
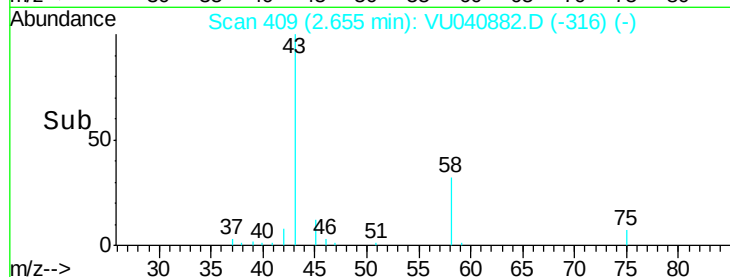
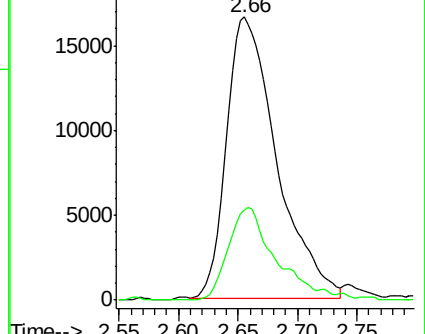
43 100

58 30.0 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.147 ug/L

RT: 2.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: VU040882.D

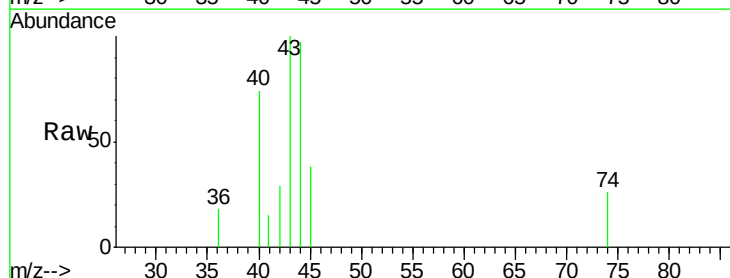
Acq: 21 Oct 2020 19:03

Tgt Ion: 43 Resp: 1505

Ion Ratio Lower Upper

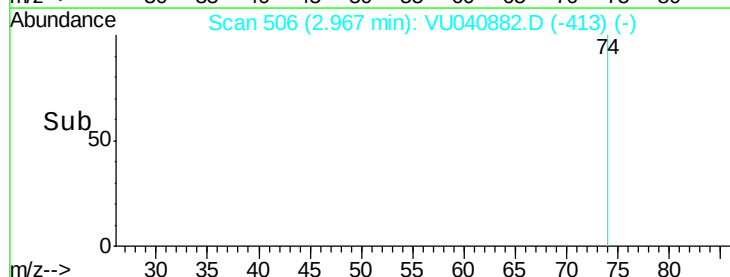
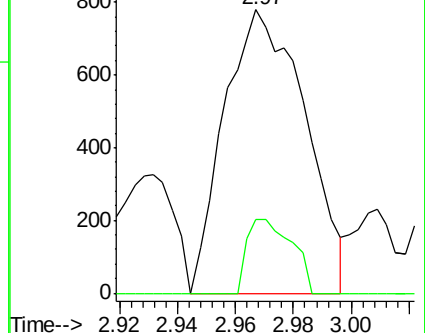
43 100

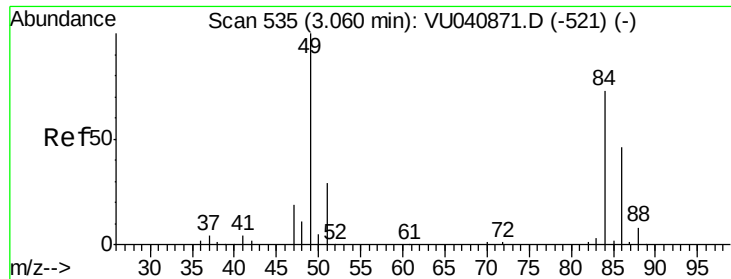
74 14.4 16.6 25.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

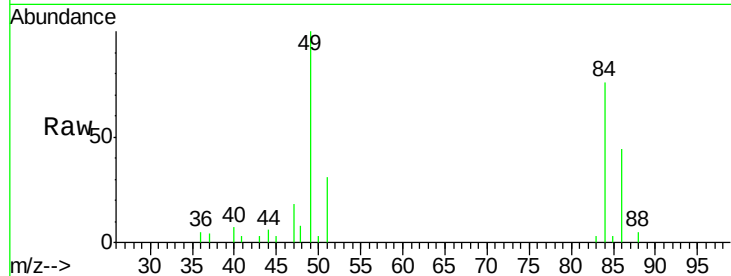




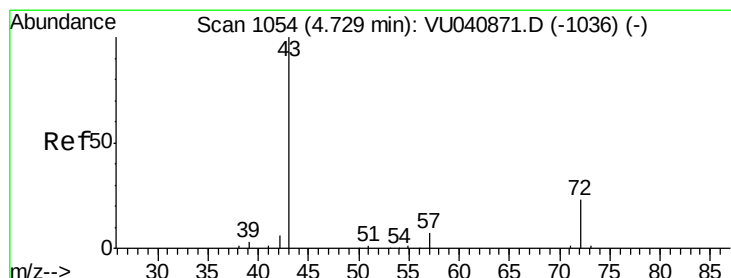
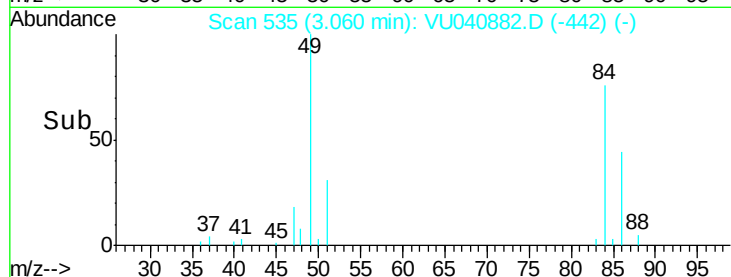
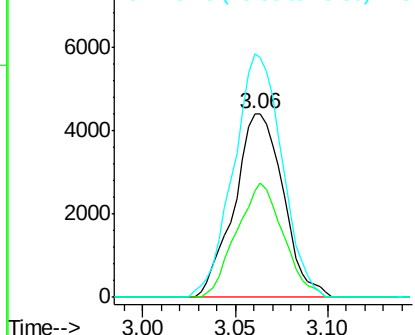
#16
Methvlene chloride
Concen: 0.377 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040882.D
Acq: 21 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
ETZ46

Tot Ion: 84 Resp: 8058
Ion Ratio Lower Upper
84 100
86 57.7 44.9 83.5
49 132.3 94.7 175.9

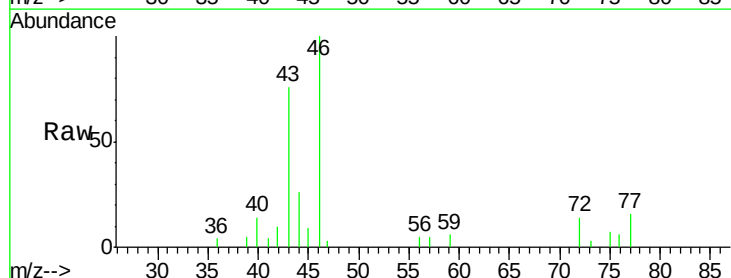


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

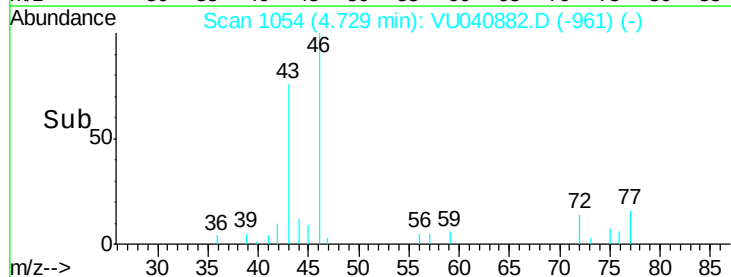
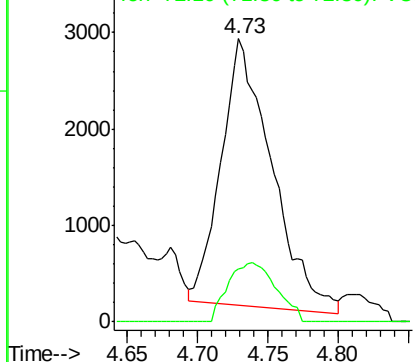


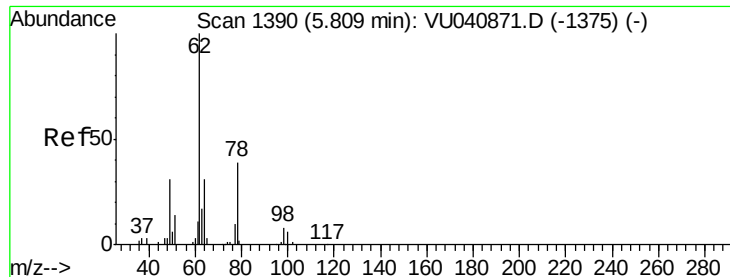
#21
2-Butanone
Concen: 1.136 ug/L
RT: 4.73 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VU040882.D
Acq: 21 Oct 2020 19:03

Tgt Ion: 43 Resp: 6953
Ion Ratio Lower Upper
43 100
72 21.1 12.2 36.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0





#27

1,2-Dichloroethane

Concen: 2.103 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU040882.D

Acq: 21 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

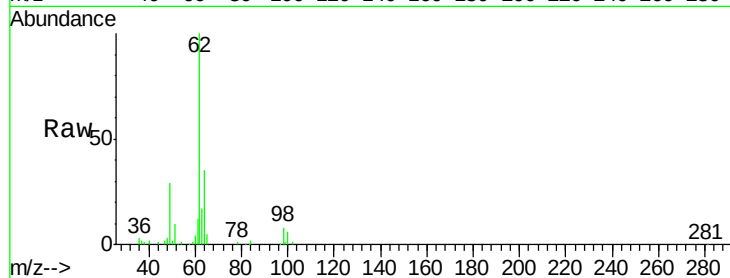
ETZ46

Tot Ion: 62 Resp: 53162

Ion Ratio Lower Upper

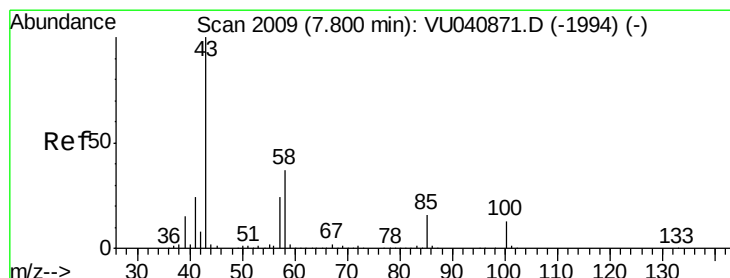
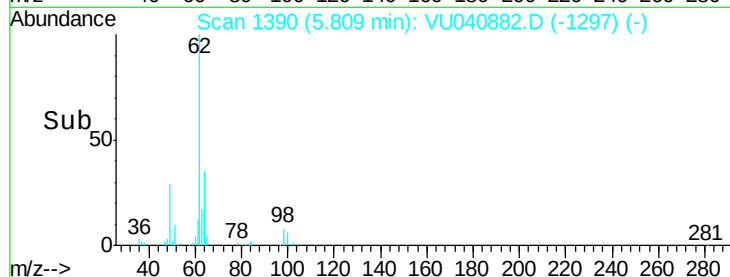
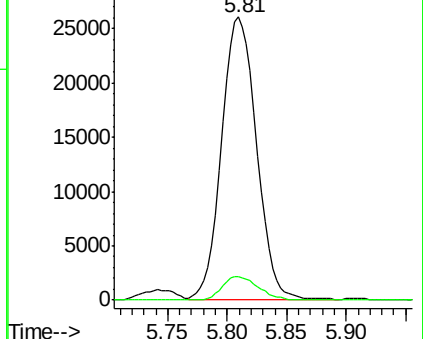
62 100

98 8.3 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VU040882.D (-1297) (-)

Ion 98.05 (97.75 to 98.75): VU040882.D (-1297) (-)



#40

4-Methyl-2-pentanone

Concen: 0.870 ug/L

RT: 7.80 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU040882.D

Acq: 21 Oct 2020 19:03

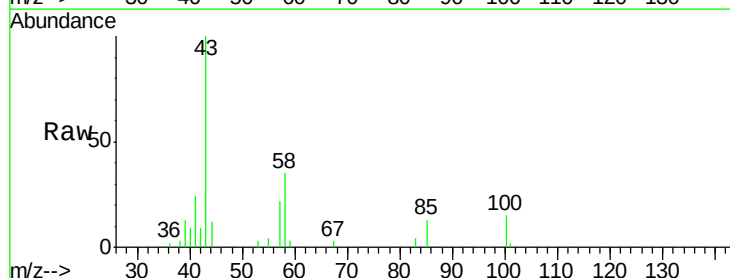
Tgt Ion: 43 Resp: 11949

Ion Ratio Lower Upper

43 100

58 33.4 29.7 44.5

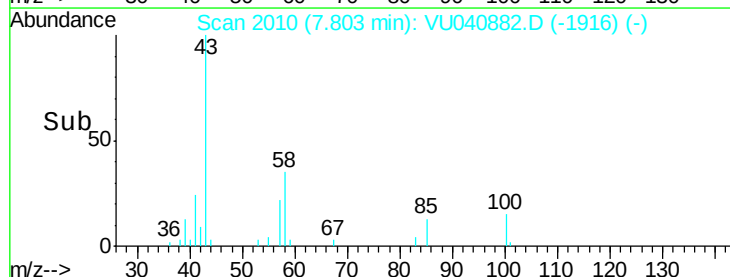
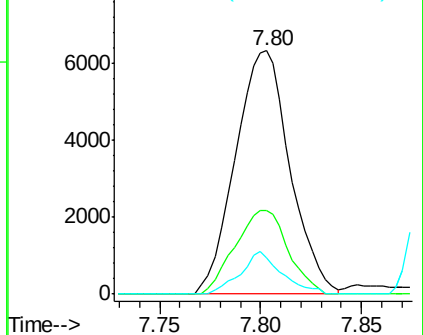
100 0.0 10.6 16.0#

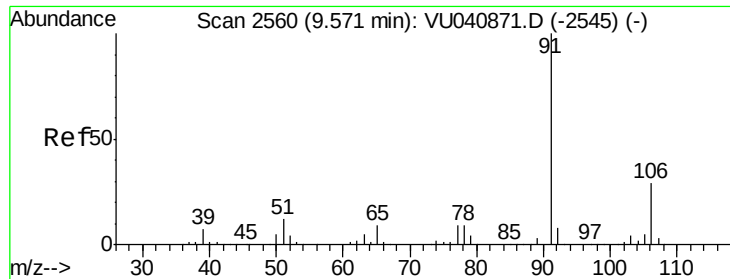


Abundance Ion 43.05 (42.75 to 43.75): VU040882.D (-1916) (-)

Ion 58.05 (57.75 to 58.75): VU040882.D (-1916) (-)

Ion 100.15 (99.85 to 100.85): VU040882.D (-1916) (-)





#52

Ethylbenzene

Concen: 0.377 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040882.D

Acq: 21 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

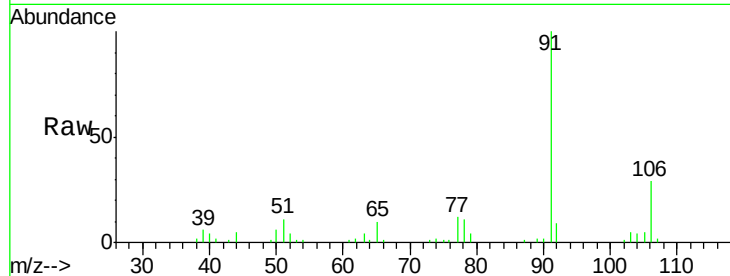
ETZ46

Tot Ion: 91 Resp: 30916

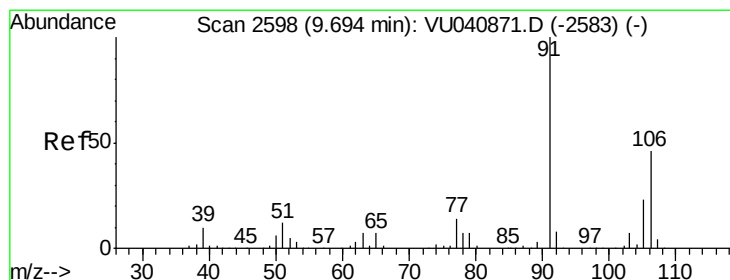
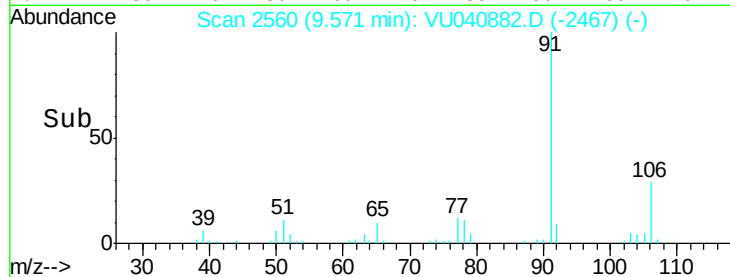
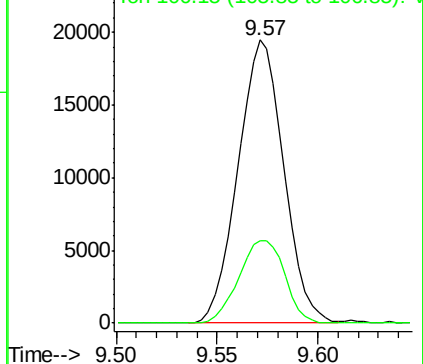
Ion Ratio Lower Upper

91 100

106 29.3 21.2 39.4



Abundance Ion 91.15 (90.85 to 91.85): VU040871.D (-2545) (-)



#53

m,p-Xylene

Concen: 1.466 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040882.D

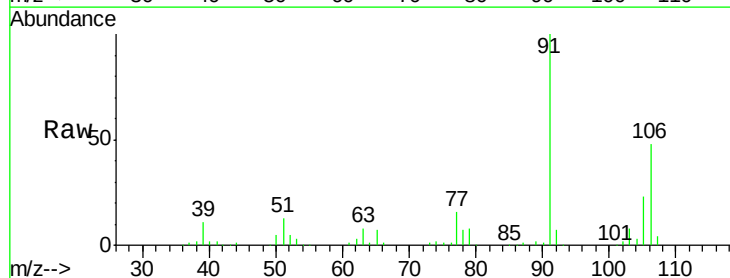
Acq: 21 Oct 2020 19:03

Tgt Ion: 106 Resp: 43268

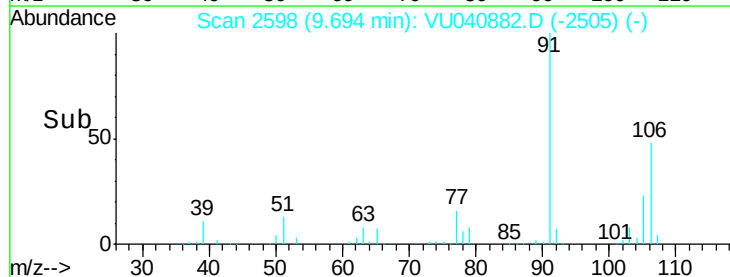
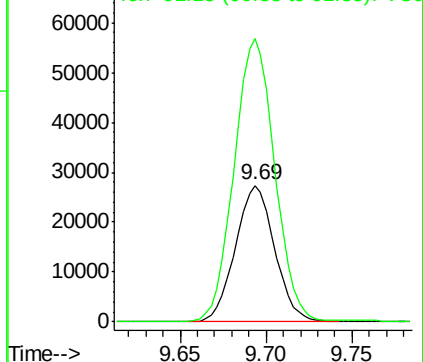
Ion Ratio Lower Upper

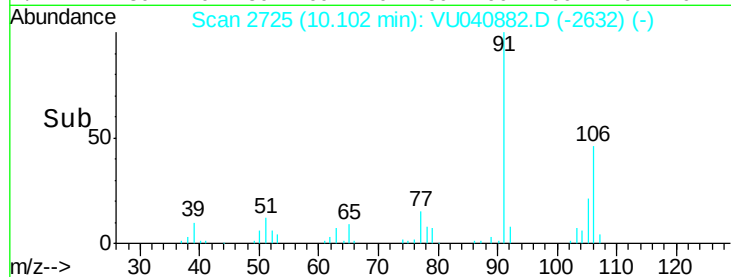
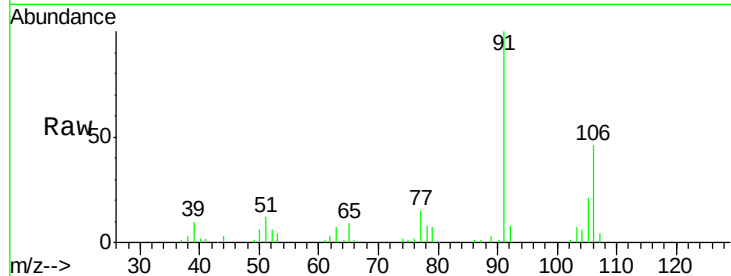
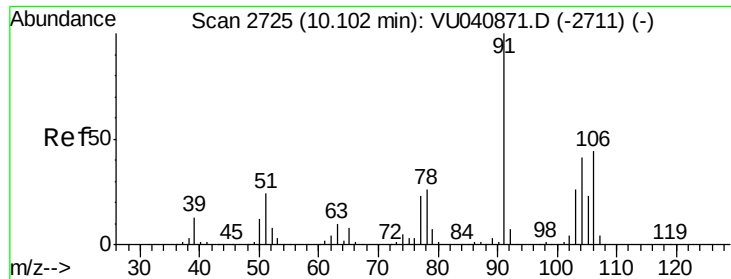
106 100

91 207.6 153.3 284.7



Abundance Ion 106.15 (105.85 to 106.85): VU040871.D (-2583) (-)





#54
o-Xylene
Concen: 0.707 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040882.D
Acq: 21 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
ETZ46

Tot Ion:106 Resp: 19845
Ion Ratio Lower Upper
106 100
91 218.0 153.6 285.2

