

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040228.D
 Acq On : 21 Sep 2020 11:40
 Operator : SY/MD
 Sample : L4063-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH6

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 4:40:51 PM

Quant Time: Sep 22 07:29:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 22 07:07:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30177	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.92	69	28294	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	53109	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.66	46	147121	52.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.84%
24) Chloroform-d	5.08	84	75647	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	47412	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.74	84	135539	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	45731	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.90	98	106605	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.18	79	19087	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	103831	49.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42589	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	45286	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	15351m	5.965	ug/L	
15) Methyl Acetate	2.97	43	2458	0.381	ug/L	# 87
21) 2-Butanone	4.74	43	3572	0.850	ug/L	93
25) Chloroform	5.11	83	3196	0.143	ug/L	100
33) Benzene	5.79	78	2527	0.056	ug/L	100
42) Toluene	7.97	91	10229	0.222	ug/L	93
53) m,p-Xylene	9.69	106	2057	0.110	ug/L	80
55) Styrene	10.11	104	5430	0.175	ug/L	98

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

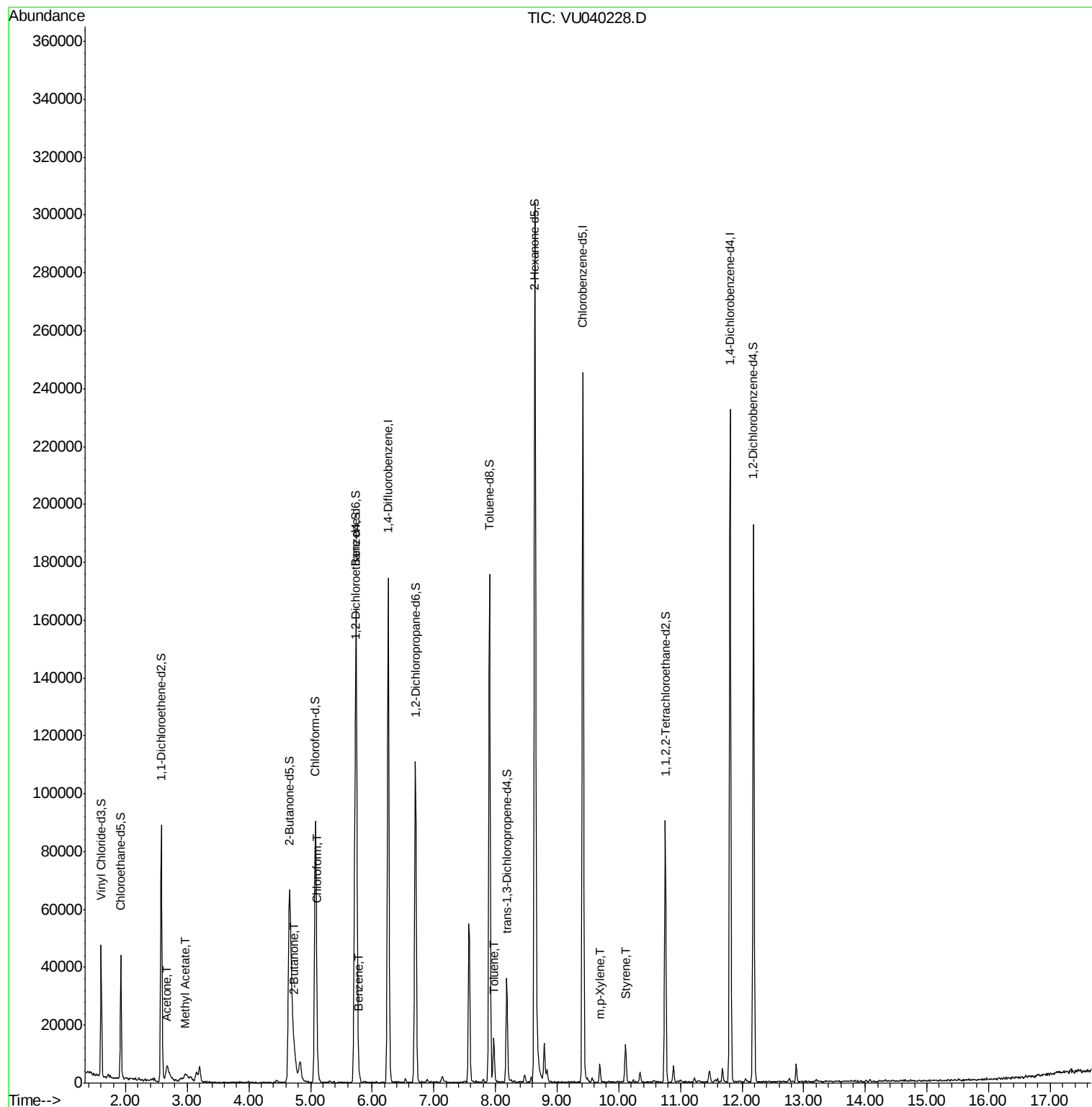
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092120\
Data File : VU040228.D
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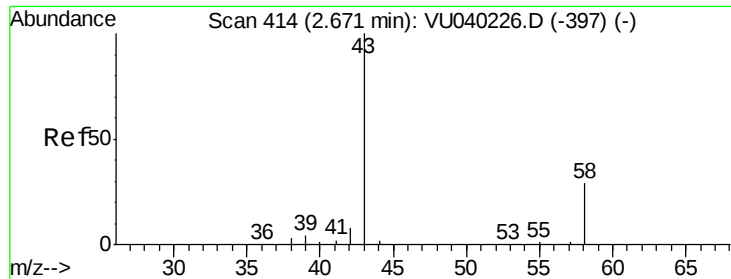
Instrument :
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Quant Time: Sep 22 07:29:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.965 ug/L m

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU040228.D

Acq: 21 Sep 2020 11:40

Instrument :

MSVOA_U

ClientSampleId :

C0AH6

Tot Ion: 43 Resp: 15351

Ion Ratio Lower Upper

43 100

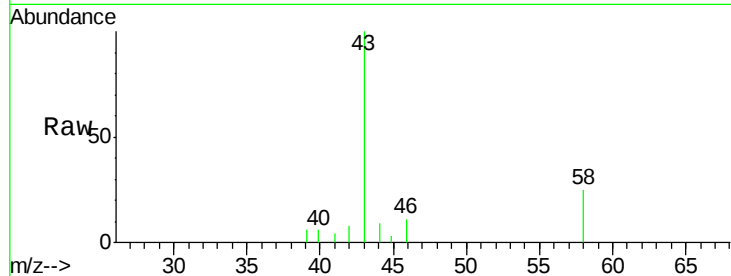
58 12.9 0.0 55.4

Manual Integrations

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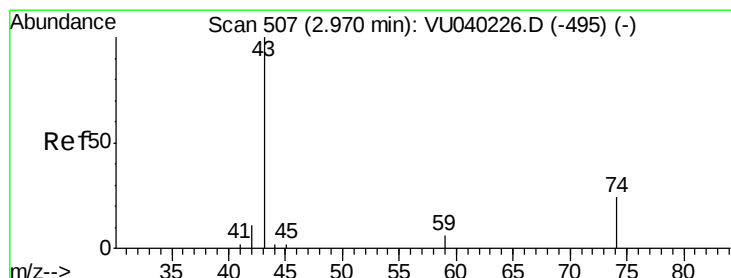
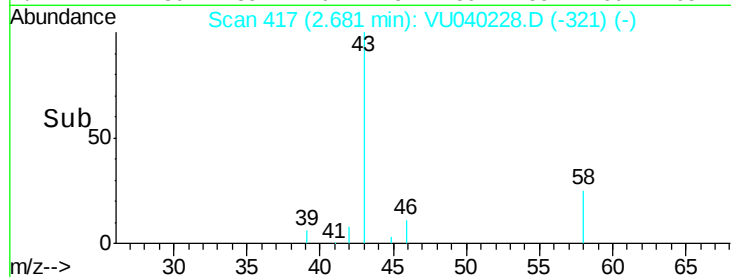
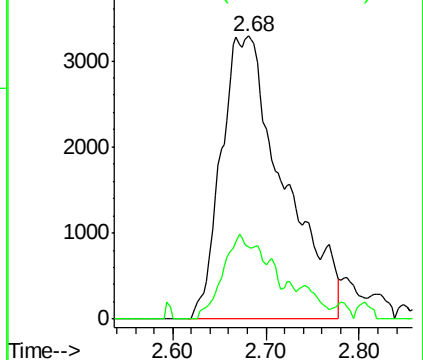
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Abundance Ion 43.05 (42.75 to 43.75): VU040228.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU040228.D (-321) (-)



#15

Methyl Acetate

Concen: 0.381 ug/L

RT: 2.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: VU040228.D

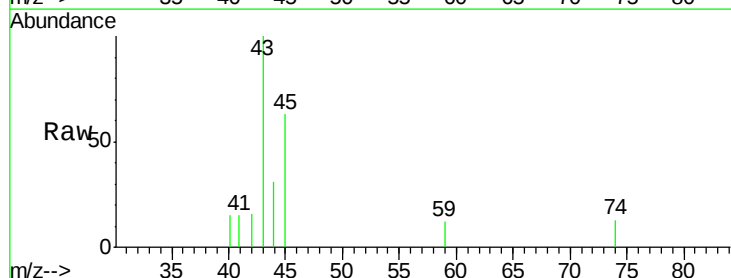
Acq: 21 Sep 2020 11:40

Tgt Ion: 43 Resp: 2458

Ion Ratio Lower Upper

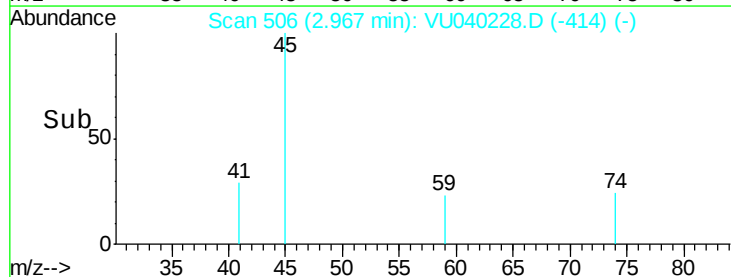
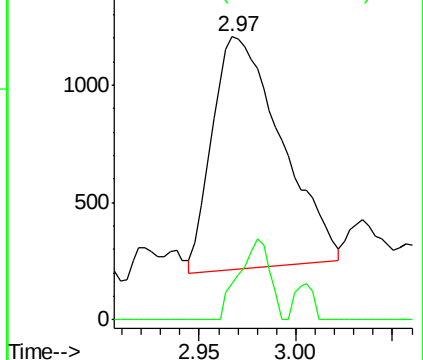
43 100

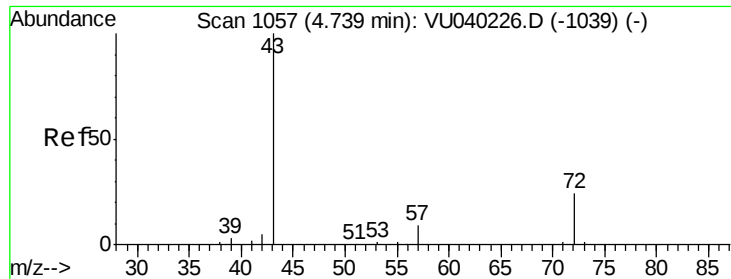
74 15.5 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VU040228.D (-414) (-)

Ion 74.05 (73.75 to 74.75): VU040228.D (-414) (-)





#21

2-Butanone

Concen: 0.850 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VU040228.D

Acq: 21 Sep 2020 11:40

Instrument :

MSVOA_U

ClientSampled :

C0AH6

Tot Ion: 43 Resp: 3572

Ion Ratio Lower Upper

43 100

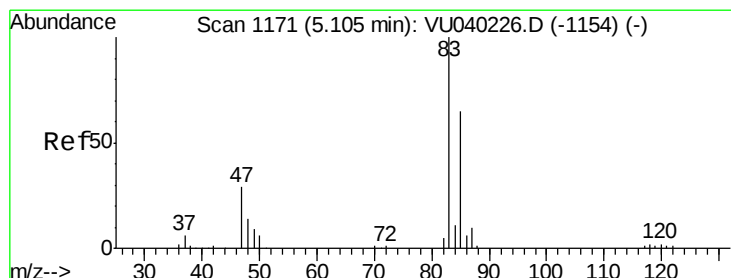
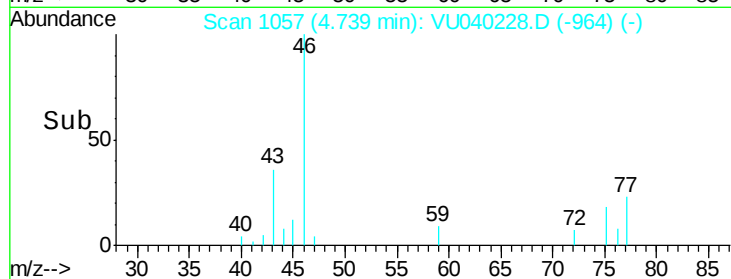
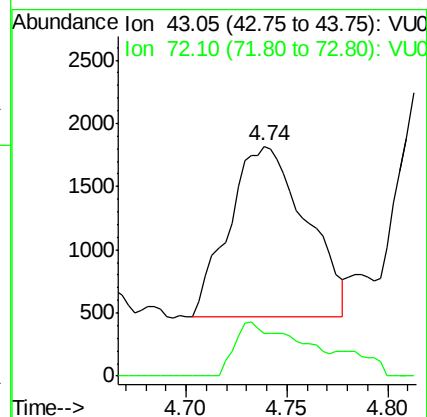
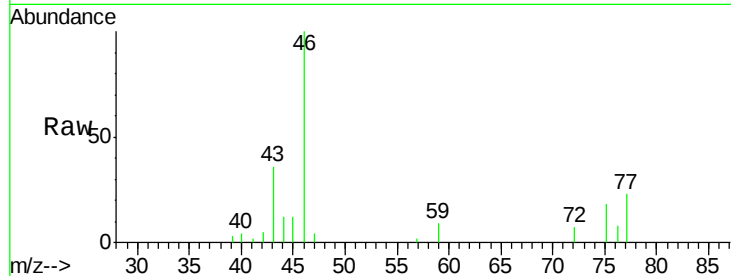
72 26.7 11.7 35.0

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#25

Chloroform

Concen: 0.143 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040228.D

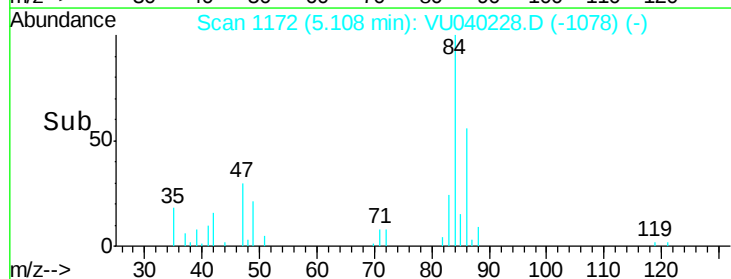
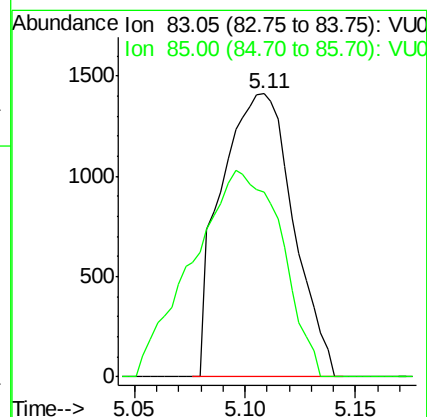
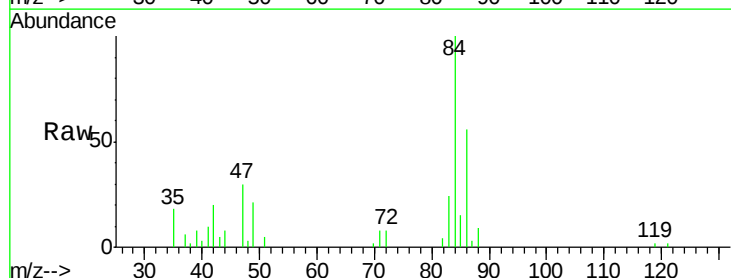
Acq: 21 Sep 2020 11:40

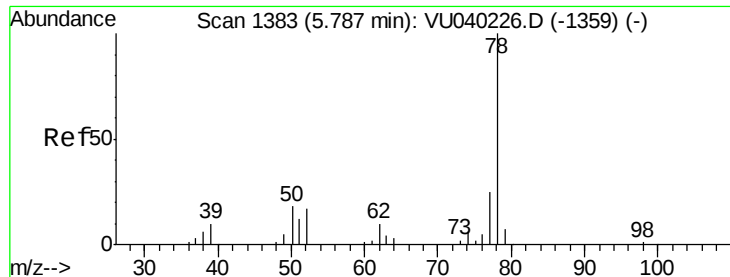
Tgt Ion: 83 Resp: 3196

Ion Ratio Lower Upper

83 100

85 65.1 45.3 84.1





#33

Benzene

Concen: 0.056 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040228.D

Acq: 21 Sep 2020 11:40

Instrument :

MSVOA_U

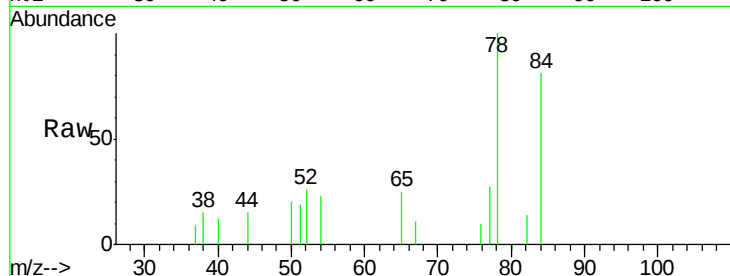
ClientSampleId :

C0AH6

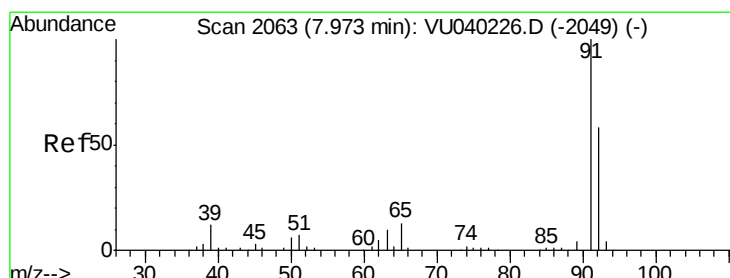
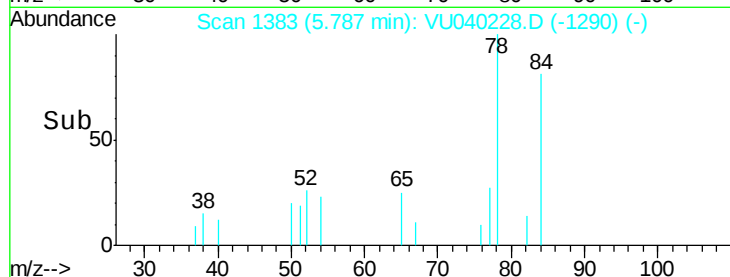
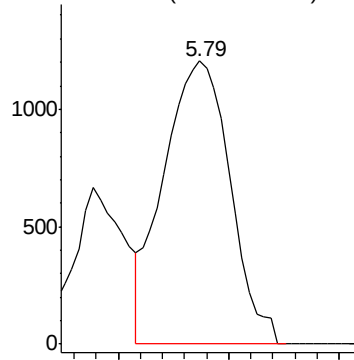
Tgt Ion: 78 Resp: 2527

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Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.222 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040228.D

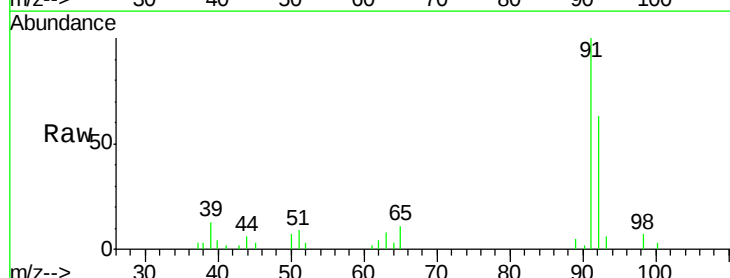
Acq: 21 Sep 2020 11:40

Tgt Ion: 91 Resp: 10229

Ion Ratio Lower Upper

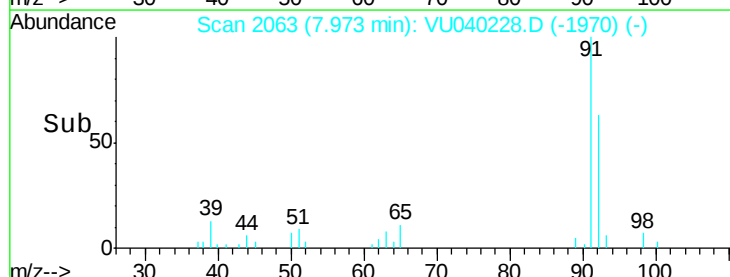
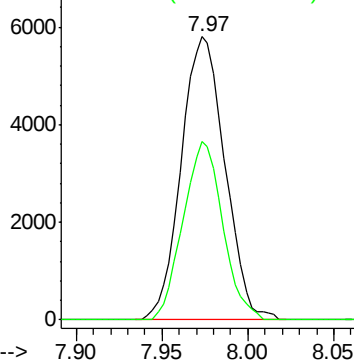
91 100

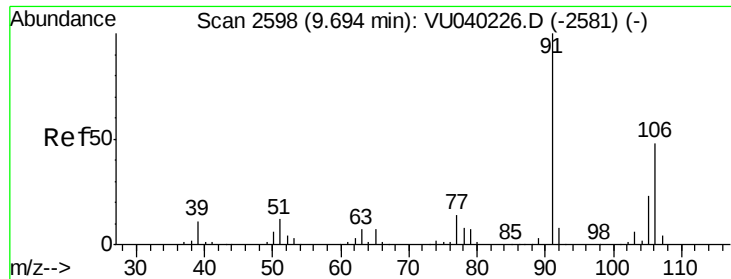
92 63.1 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





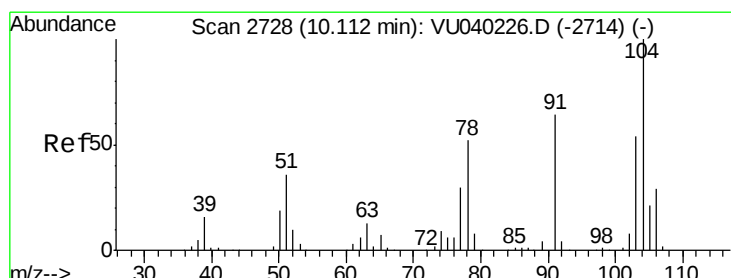
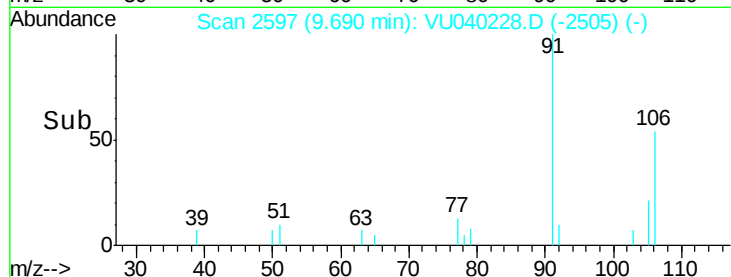
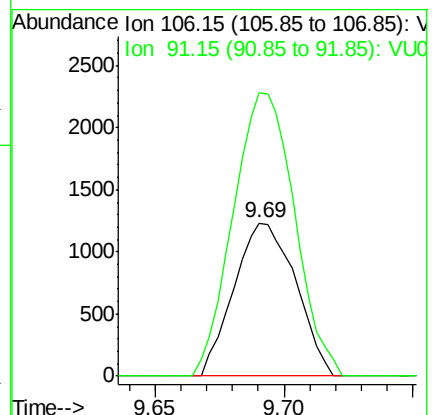
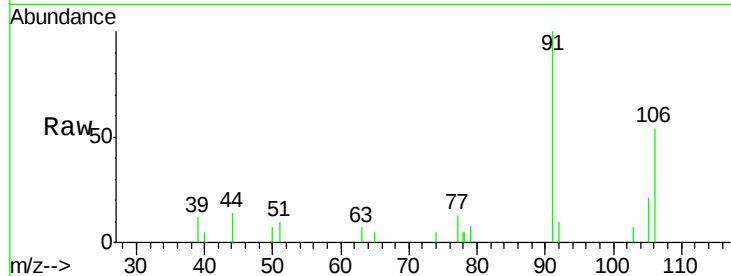
#53
m,p-Xylene
Concen: 0.110 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040228.D
Acq: 21 Sep 2020 11:40

Instrument :
MSVOA_U
ClientSampled :
C0AH6

Tot Ion:106 Resp: 2057
Ion Ratio Lower Upper
106 100
91 184.5 151.7 281.7

Manual Integrations
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#55
Styrene
Concen: 0.175 ug/L
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU040228.D
Acq: 21 Sep 2020 11:40

Tgt Ion:104 Resp: 5430
Ion Ratio Lower Upper
104 100
78 51.0 36.8 68.3

