

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039328.D
 Acq On : 07 Jul 2020 20:42
 Operator : SY/MD
 Sample : L3193-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4282

Manual Integrations
 APPROVED

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 7/8/2020 2:53:19 PM

Quant Time: Jul 08 02:21:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	105719	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	99934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40484	6.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.20%#
7) Chloroethane-d5	1.92	69	36001	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.80%
11) 1,1-Dichloroethene-d2	2.58	63	57198	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	4.66	46	177728	63.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.78%
24) Chloroform-d	5.08	84	80478	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.40%
26) 1,2-Dichloroethane-d4	5.72	65	48201	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	5.75	84	155372	6.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	129.20%#
36) 1,2-Dichloropropane-d6	6.71	67	52965	6.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.40%
41) Toluene-d8	7.91	98	134532	6.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.00%
43) trans-1,3-Dichloropropene-	8.19	79	21245	5.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.80%
46) 2-Hexanone-d5	8.64	63	132744	59.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	47789	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52676	6.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.40%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	204225	23.692	ug/L #	71
13) Acetone	2.67	43	13452m	8.889	ug/L	
17) Methyl tert-butyl Ether	3.38	73	41062	2.073	ug/L	96
18) trans-1,2-Dichloroethene	3.38	96	8494	1.220	ug/L	92
19) 1,1-Dichloroethane	3.90	63	5170	0.380	ug/L #	81
21) 2-Butanone	4.75	43	49309	18.256	ug/L	84
22) cis-1,2-Dichloroethene	4.69	96	94742	12.139	ug/L	99
33) Benzene	5.79	78	7648	0.256	ug/L	100
34) Trichloroethene	6.56	95	1629	0.211	ug/L	92

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

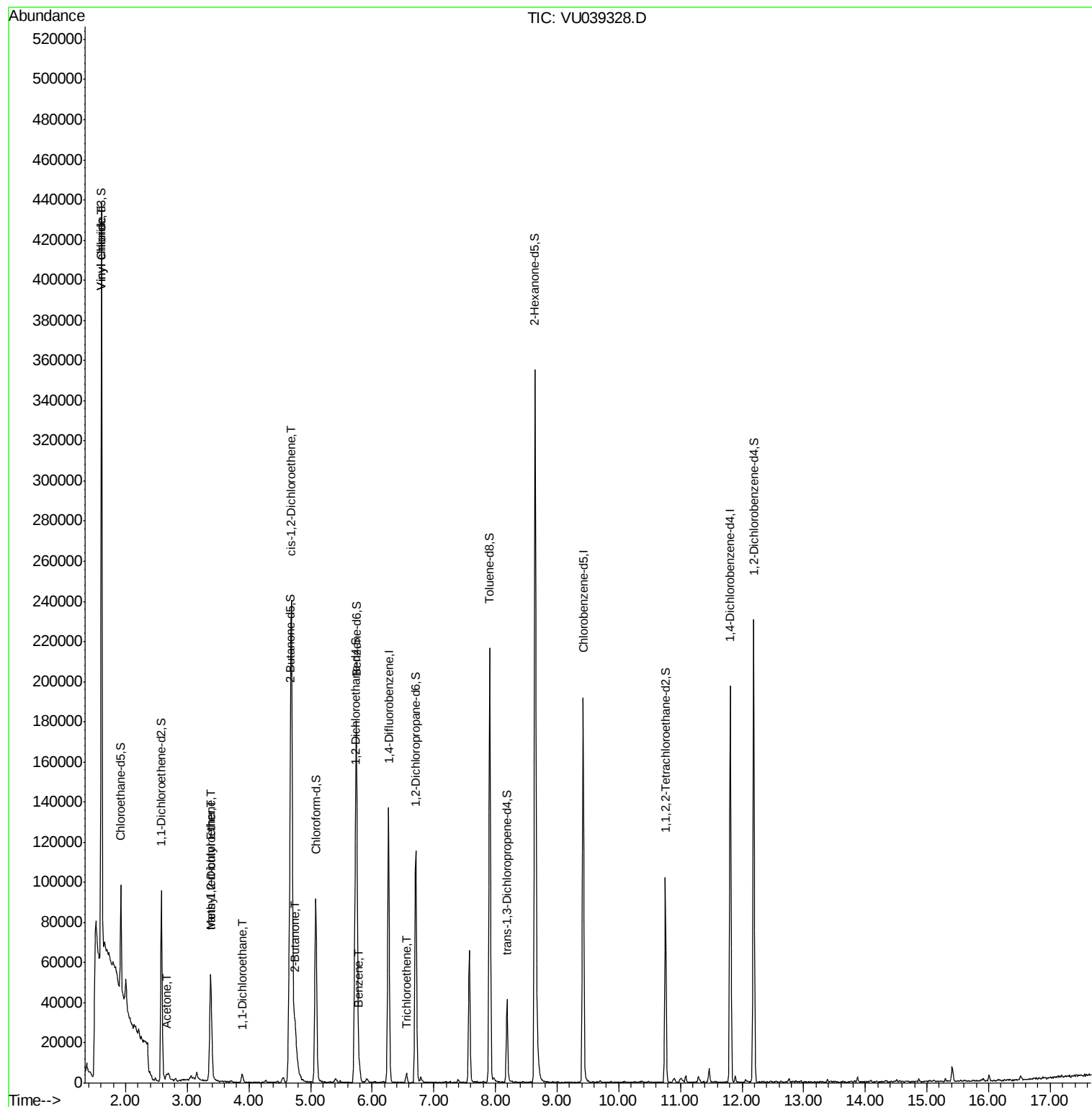
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
Data File : VU039328.D
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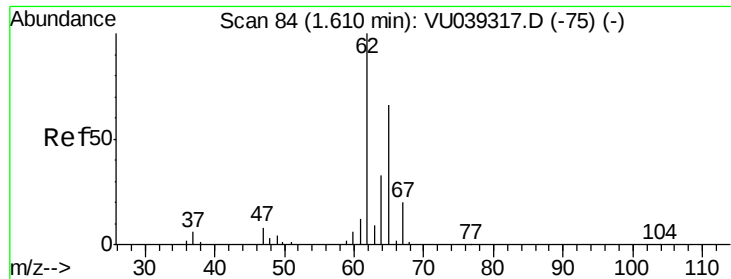
Instrument :
MSVOA_U
ClientSampleId :
H4282

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Quant Time: Jul 08 02:21:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 23.692 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039328.D

Acq: 07 Jul 2020 20:42

Instrument :

MSVOA_U

ClientSampleId :

H4282

Tot Ion: 62 Resp: 204225

Ion Ratio Lower Upper

62 100

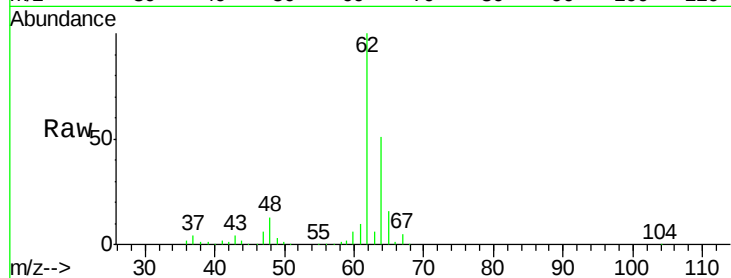
64 50.7 23.7 44.1#

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Abundance Ion 62.00 (61.70 to 62.70): VU039317.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU039317.D (-75) (-)

1.61

200000

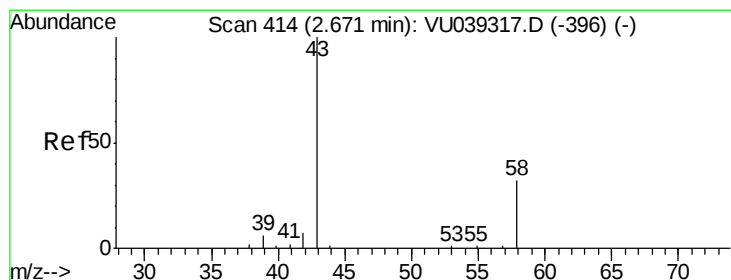
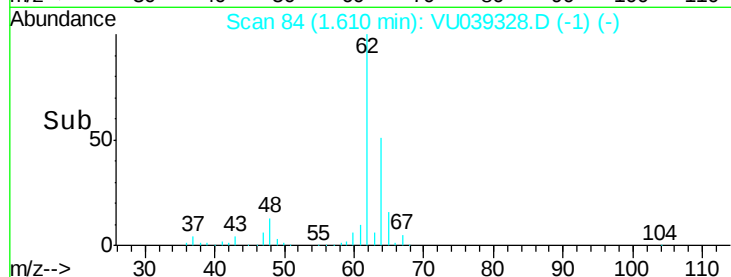
150000

100000

50000

0

Time-->



#13

Acetone

Concen: 8.889 ug/L m

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU039328.D

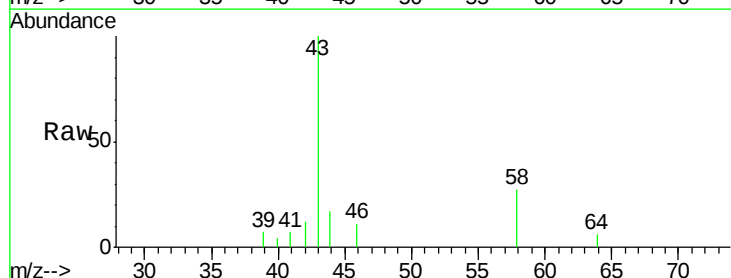
Acq: 07 Jul 2020 20:42

Tgt Ion: 43 Resp: 13452

Ion Ratio Lower Upper

43 100

58 1.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039317.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039317.D (-396) (-)

2.67

2500

2000

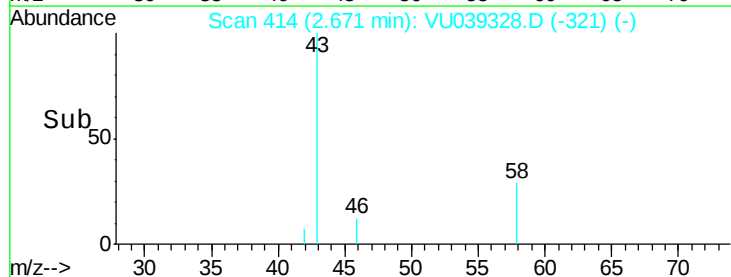
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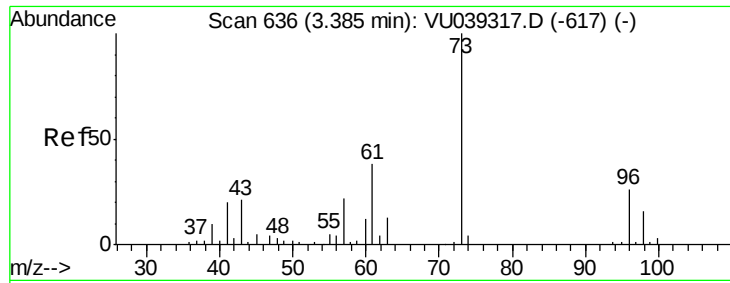
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500

0

Time-->





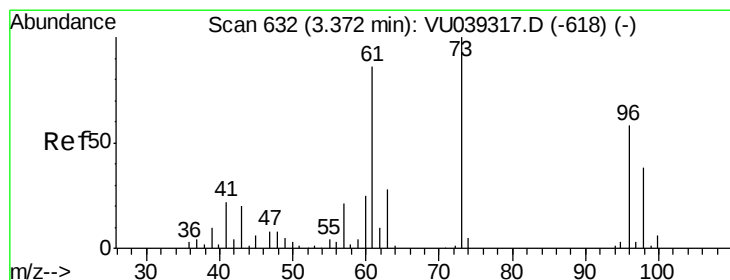
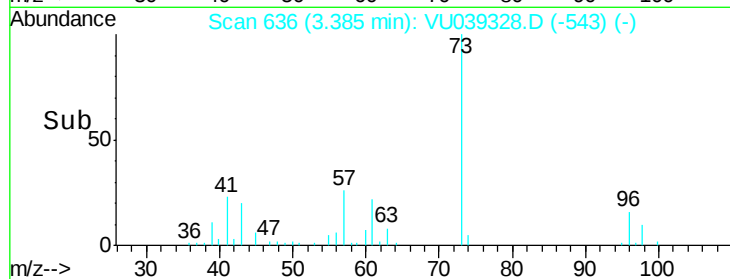
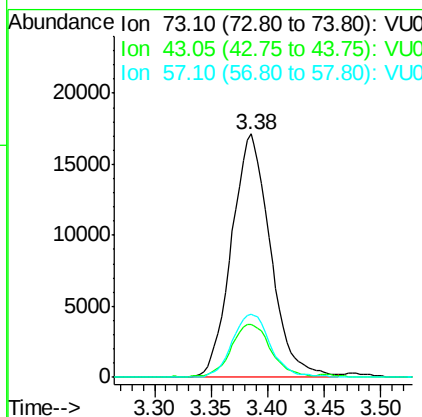
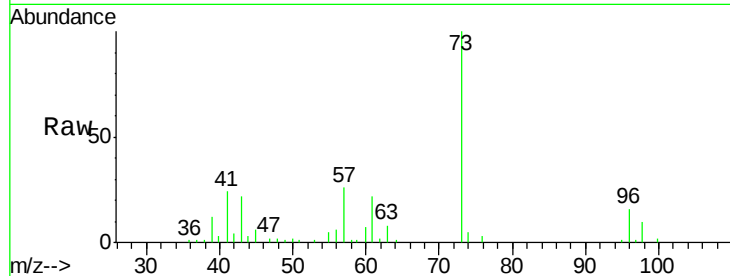
#17
Methvl tert-butvl Ether
Concen: 2.073 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039328.D
Acq: 07 Jul 2020 20:42

Instrument :
MSVOA_U
ClientSampleId :
H4282

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.5	18.6	28.0
57	25.6	17.9	26.9

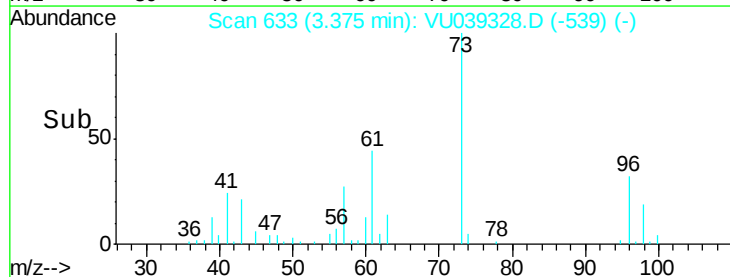
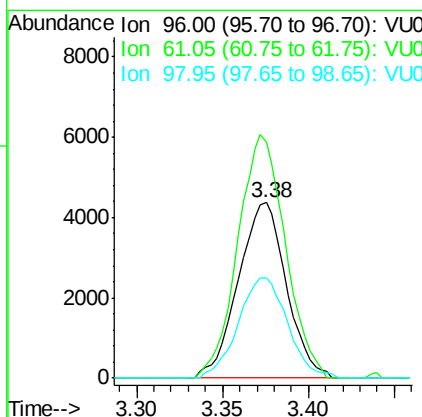
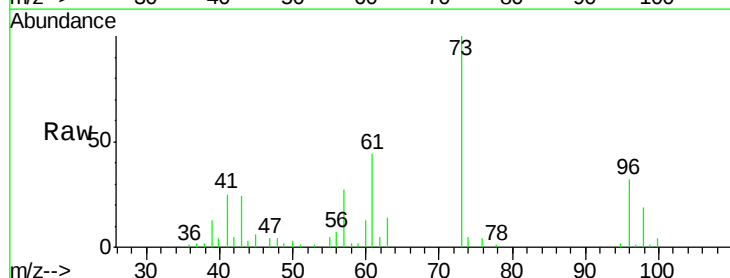
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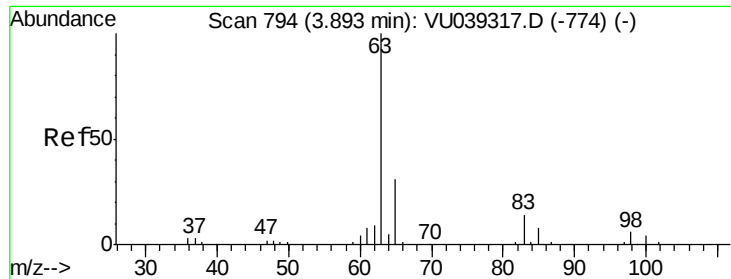
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#18
trans-1,2-Dichloroethene
Concen: 1.220 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.00 min
Lab File: VU039328.D
Acq: 07 Jul 2020 20:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.7	102.1	189.5
98	57.2	42.5	78.9





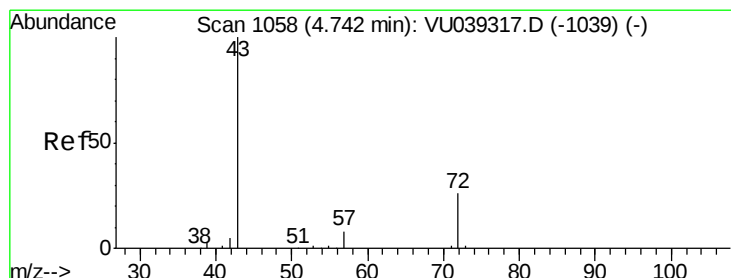
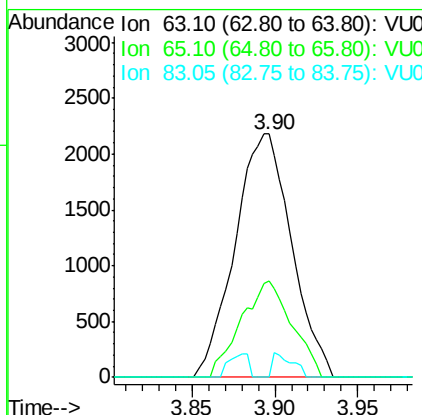
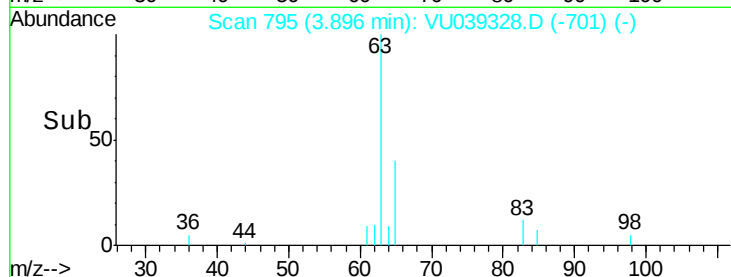
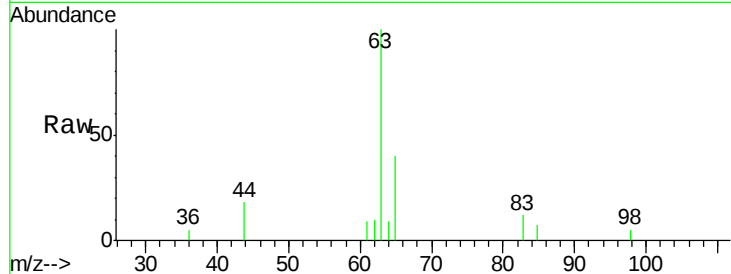
#19
 1,1-Dichloroethane
 Concen: 0.380 ug/L
 RT: 3.90 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: VU039328.D
 Acq: 07 Jul 2020 20:42

Instrument :
 MSVOA_U
 ClientSampled :
 H4282

Tot Ion	Ratio	Lower	Upper
63	100		
65	39.8	23.0	42.6
83	0.0	9.6	17.8#

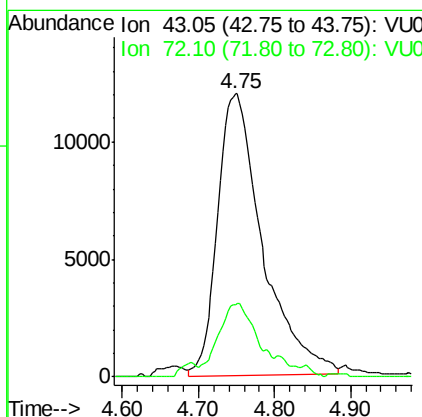
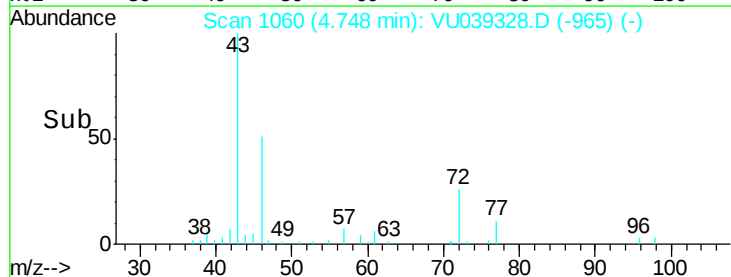
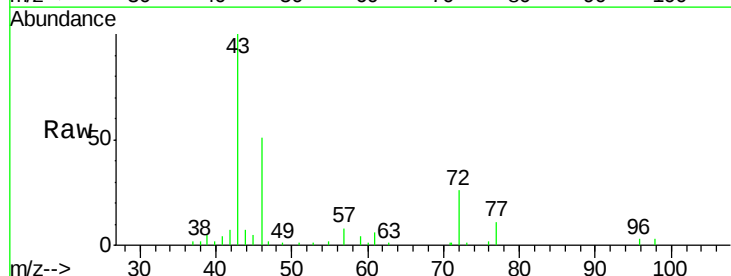
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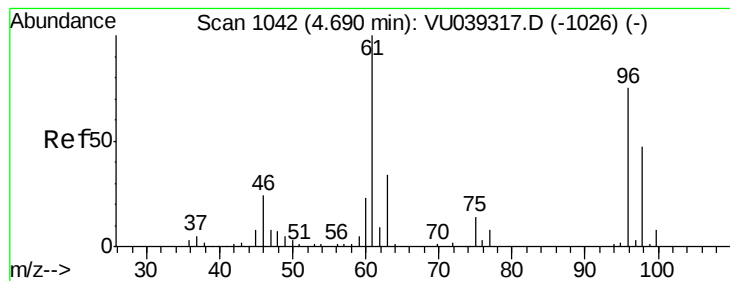
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#21
 2-Butanone
 Concen: 18.256 ug/L
 RT: 4.75 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VU039328.D
 Acq: 07 Jul 2020 20:42

Tgt Ion	Ratio	Lower	Upper
43	100		
72	18.3	13.2	39.5





#22

cis-1,2-Dichloroethene

Concen: 12.139 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU039328.D

Acq: 07 Jul 2020 20:42

Instrument :

MSVOA_U

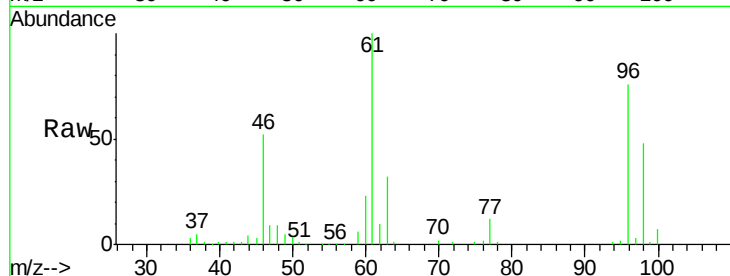
ClientSampled :

H4282

Tot Ion:	96	Resp:	94742
Ion	Ratio	Lower	Upper
96	100		
61	131.3	92.8	172.4
68	0.0	0.0	0.0

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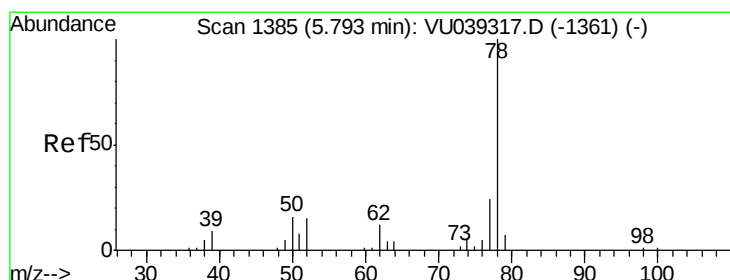
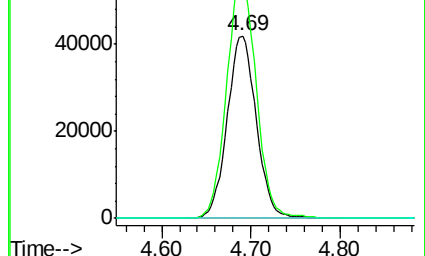
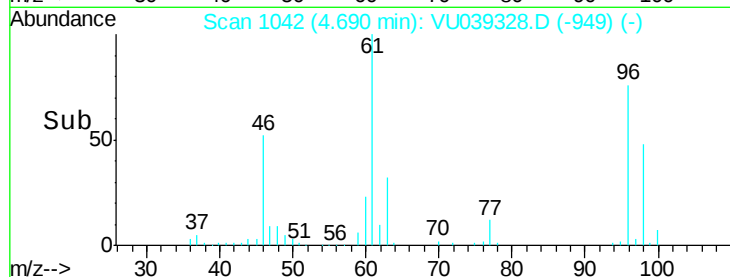


Abundance Ion 96.00 (95.70 to 96.70): VU039317.D (-1026) (-)

Ion 61.05 (60.75 to 61.75): VU039317.D (-1026) (-)

Ion 68.15 (67.85 to 68.85): VU039317.D (-1026) (-)

Time-->



#33

Benzene

Concen: 0.256 ug/L

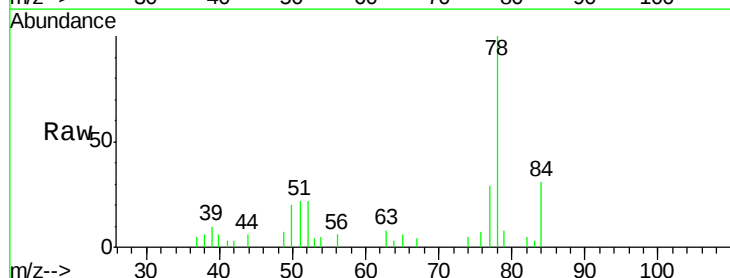
RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

Lab File: VU039328.D

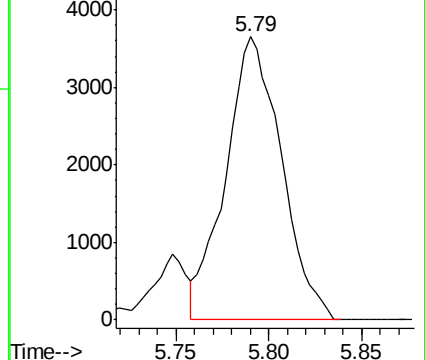
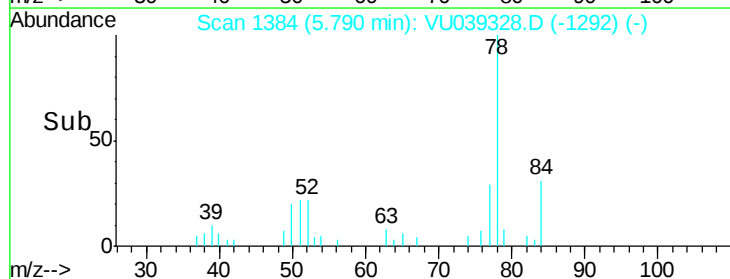
Acq: 07 Jul 2020 20:42

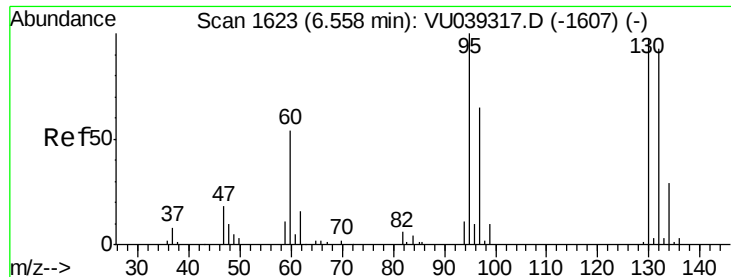
Tgt Ion: 78 Resp: 7648



Abundance Ion 78.10 (77.80 to 78.80): VU039317.D (-1361) (-)

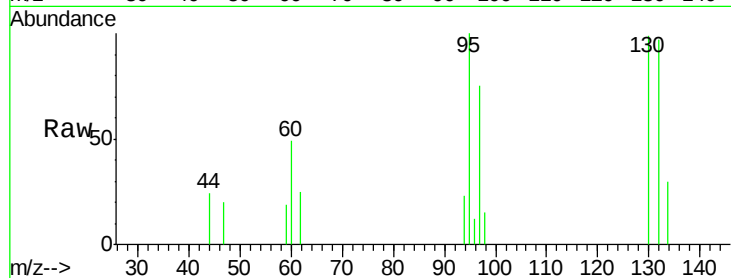
Time-->





#34
 Trichloroethene
 Concen: 0.211 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: VU039328.D
 Acq: 07 Jul 2020 20:42

Instrument :
 MSVOA_U
 ClientSampleId :
 H4282



Tot Ion:	95	Resp:	1629
Ion	Ratio	Lower	Upper
95	100		
97	75.0	46.3	85.9
132	96.7	64.0	118.8
130	98.6	64.3	119.5

Manual Integrations
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