

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070820\
 Data File : VU039354.D
 Acq On : 08 Jul 2020 17:53
 Operator : SY/MD
 Sample : L3231-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4292

Quant Time: Jul 09 04:51:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 02:29:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	100546	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32385	5.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.20%
7) Chloroethane-d5	1.92	69	30929	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.58	63	48415	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.66	46	152038	57.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.04%
24) Chloroform-d	5.09	84	71831	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	5.72	65	45415	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.75	84	139409	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.80%
36) 1,2-Dichloropropane-d6	6.70	67	47267	5.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.60%
41) Toluene-d8	7.91	98	120967	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
43) trans-1,3-Dichloropropene-	8.19	79	18515	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	8.64	63	114176	54.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.38%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42075	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	48307	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

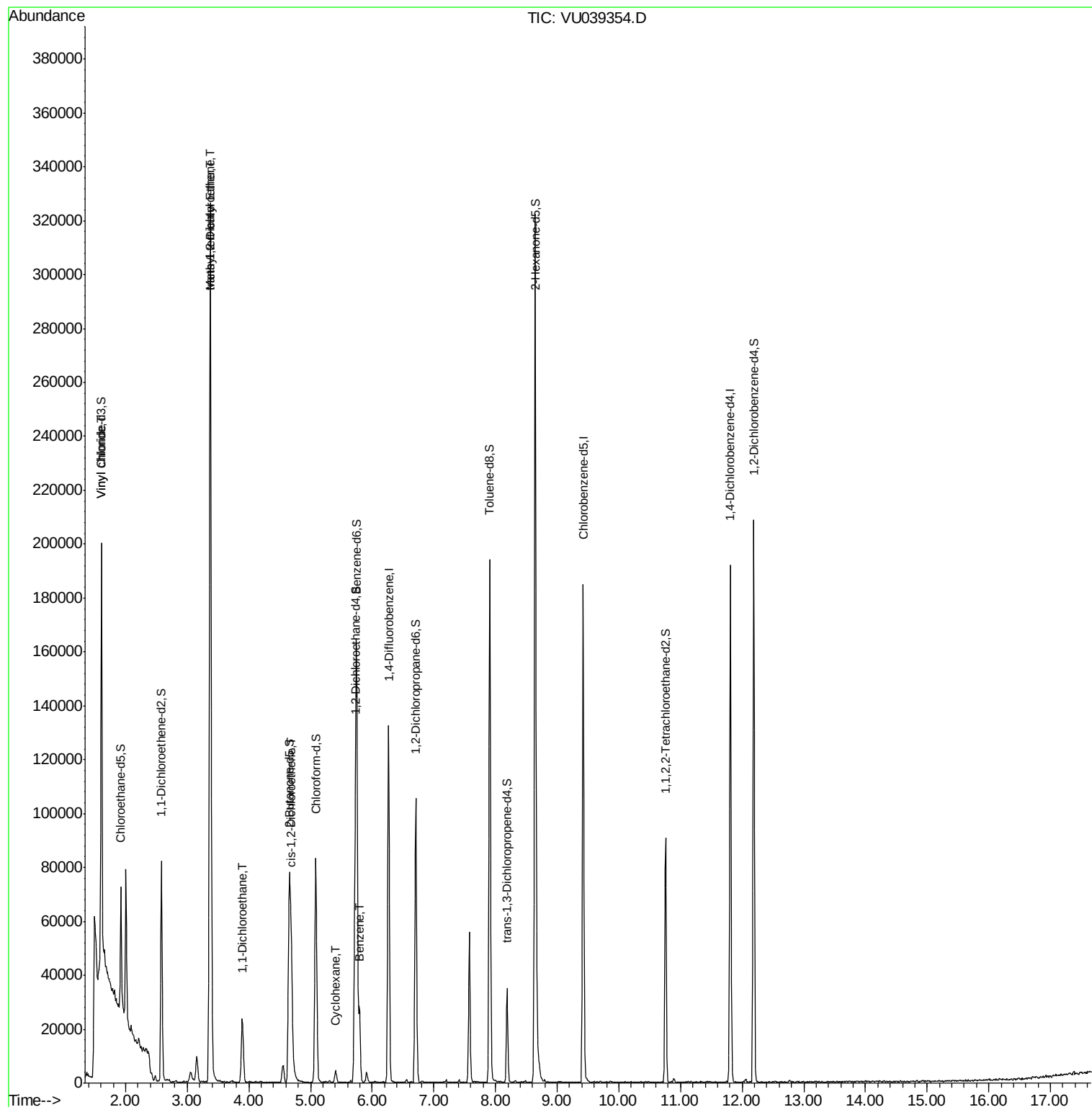
					Ovalue
5) Vinyl chloride	1.61	62	62152	7.581 ug/L #	16
17) Methyl tert-butyl Ether	3.39	73	29265	1.553 ug/L #	91
18) trans-1,2-Dichloroethene	3.37	96	117256	17.713 ug/L	95
19) 1,1-Dichloroethane	3.89	63	27280	2.106 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	10463	1.410 ug/L	96
30) Cyclohexane	5.41	56	2095	0.178 ug/L #	87
33) Benzene	5.79	78	24099	0.848 ug/L	100

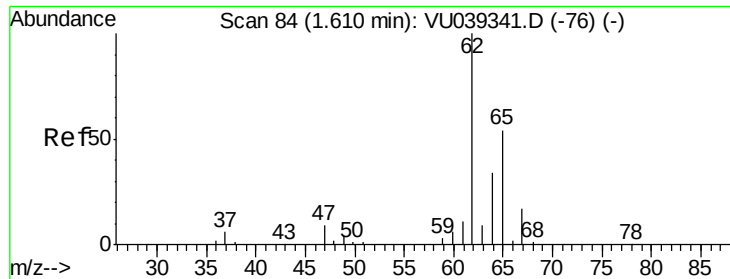
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.581 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 08 Jul 2020 17:53

Instrument :

MSVOA_U

ClientSampleId :

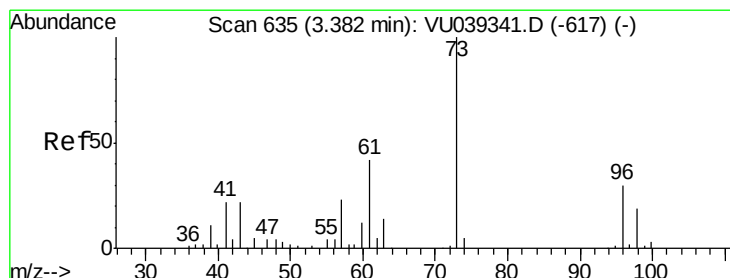
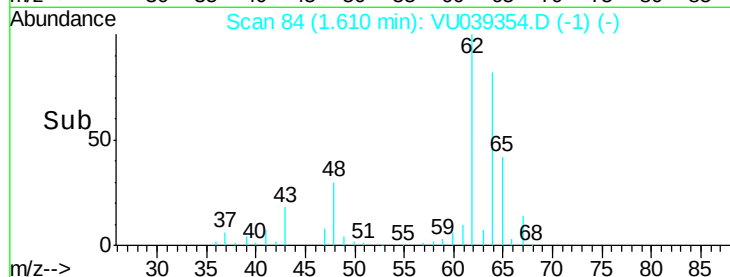
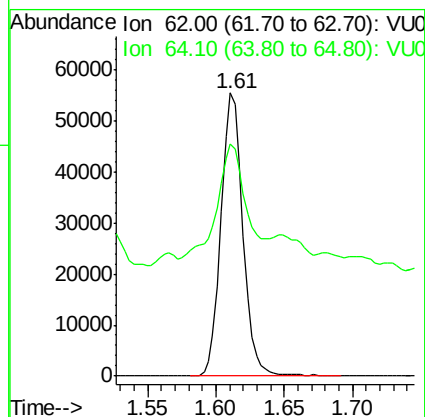
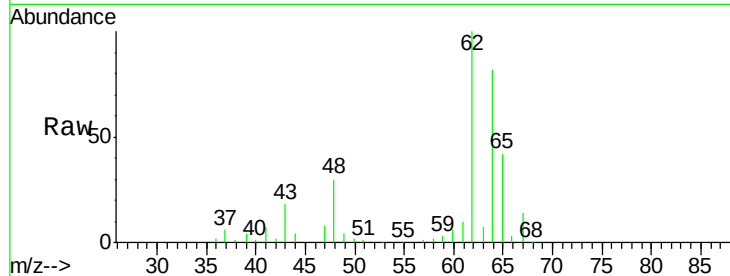
H4292

Tot Ion: 62 Resp: 62152

Ion Ratio Lower Upper

62 100

64 81.8 23.7 44.1#



#17

Methyl tert-butyl Ether

Concen: 1.553 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU039354.D

Acq: 08 Jul 2020 17:53

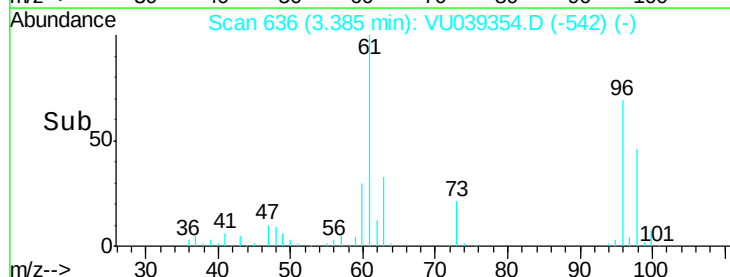
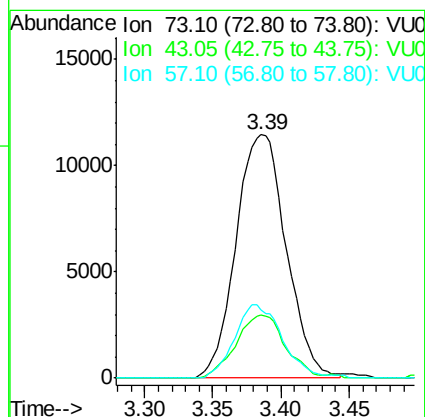
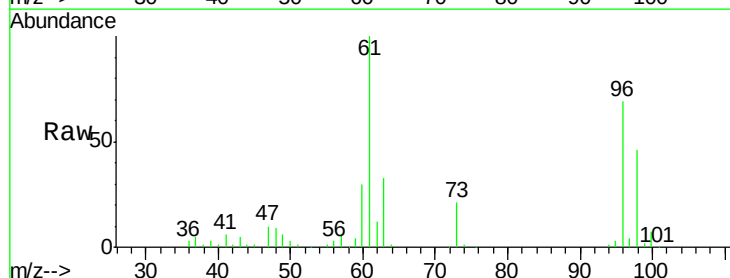
Tgt Ion: 73 Resp: 29265

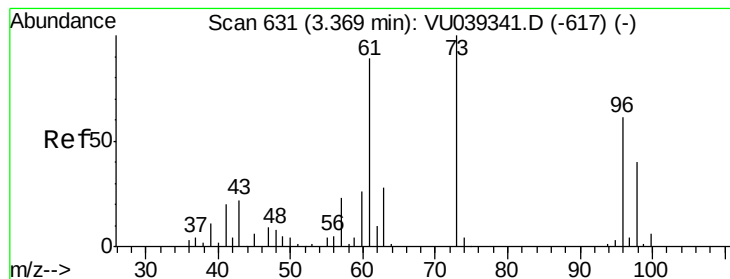
Ion Ratio Lower Upper

73 100

43 25.4 18.6 28.0

57 28.9 17.9 26.9#





#18

trans-1,2-Dichloroethene

Concen: 17.713 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU039354.D

Acq: 08 Jul 2020 17:53

Instrument :

MSVOA_U

ClientSampleId :

H4292

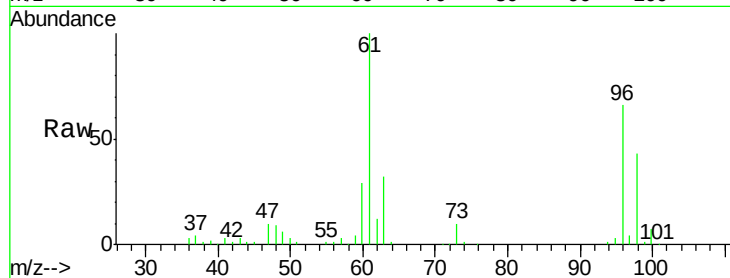
Tot Ion: 96 Resp: 117256

Ion Ratio Lower Upper

96 100

61 151.7 102.1 189.5

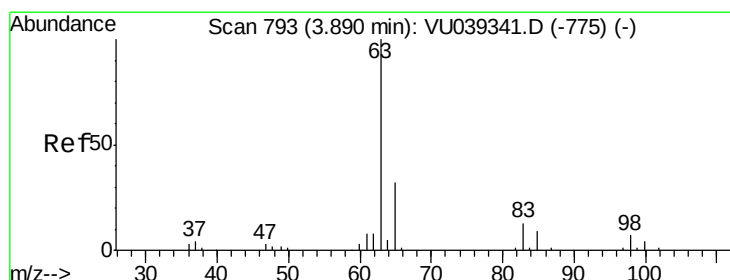
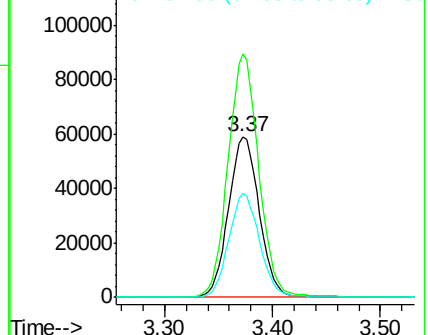
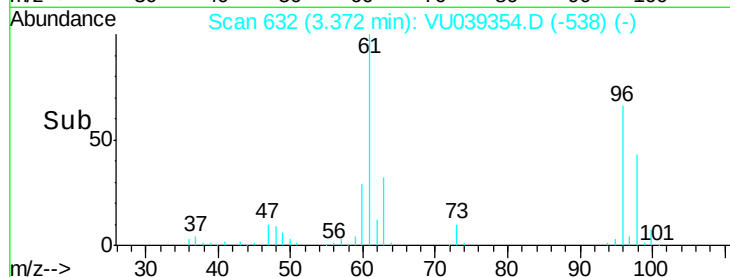
98 64.8 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#19

1,1-Dichloroethane

Concen: 2.106 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU039354.D

Acq: 08 Jul 2020 17:53

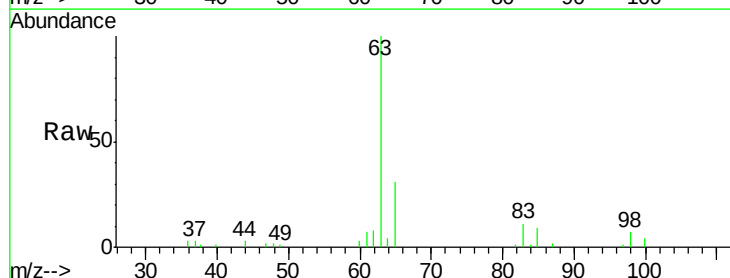
Tgt Ion: 63 Resp: 27280

Ion Ratio Lower Upper

63 100

65 31.4 23.0 42.6

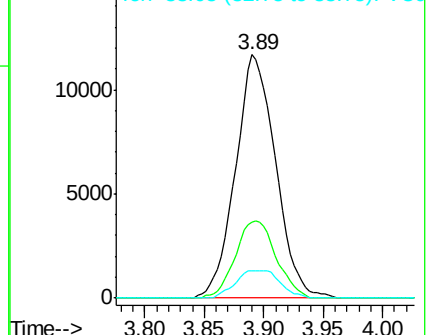
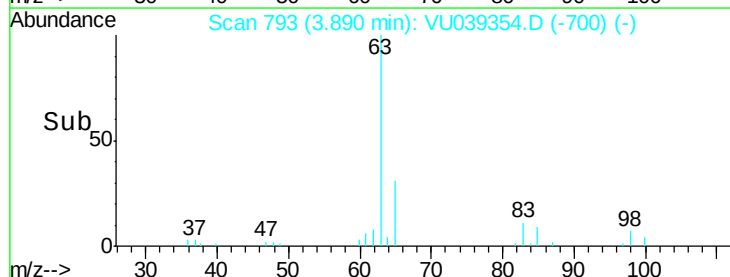
83 11.2 9.6 17.8

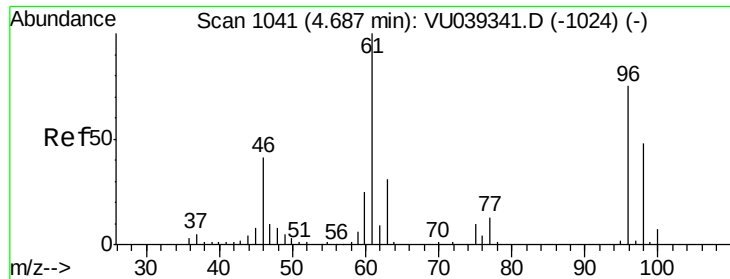


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0

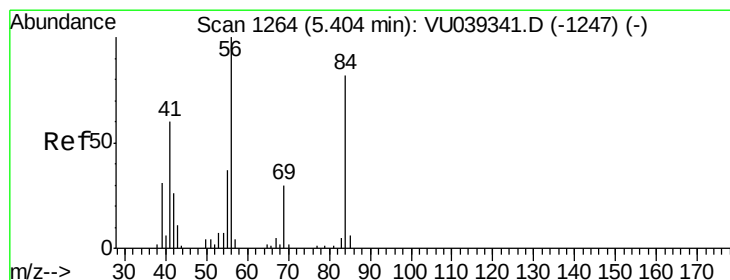
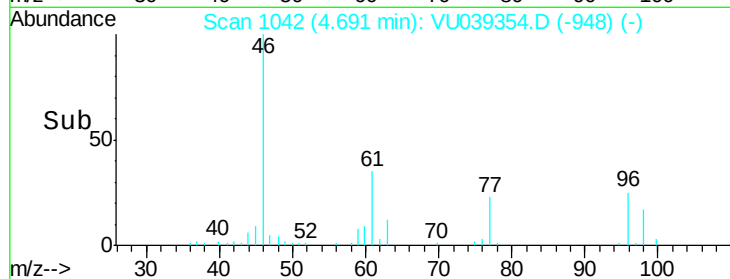
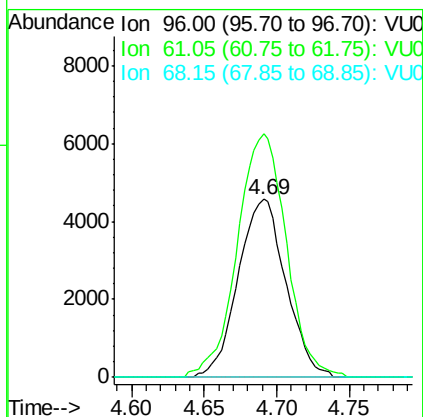
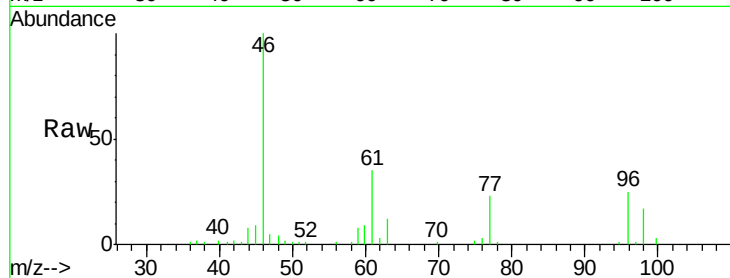




#22
 cis-1,2-Dichloroethene
 Concen: 1.410 ug/L
 RT: 4.69 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VU039354.D
 Acq: 08 Jul 2020 17:53

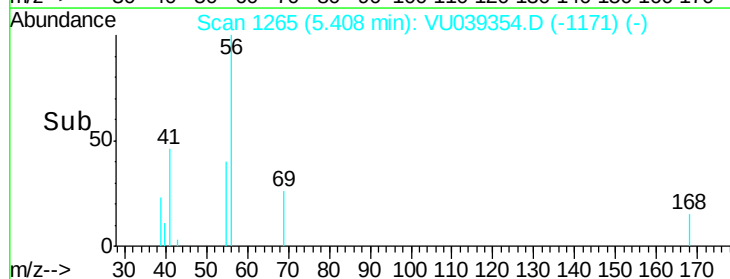
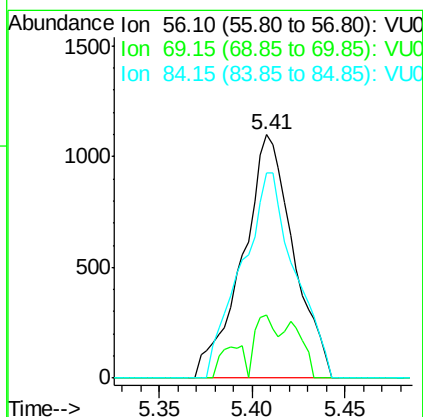
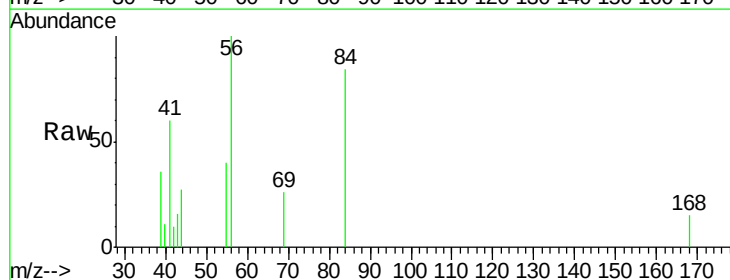
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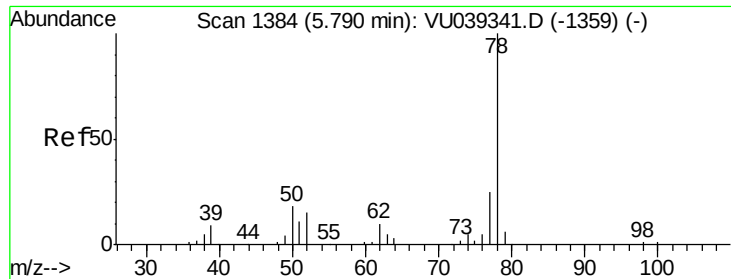
Tot Ion: 96 Resp: 10463
 Ion Ratio Lower Upper
 96 100
 61 136.7 92.8 172.4
 68 0.0 0.0 0.0



#30
 Cyclohexane
 Concen: 0.178 ug/L
 RT: 5.41 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VU039354.D
 Acq: 08 Jul 2020 17:53

Tgt Ion: 56 Resp: 2095
 Ion Ratio Lower Upper
 56 100
 69 10.8 24.1 36.1#
 84 88.3 67.0 100.6





#33

Benzene

Concen: 0.848 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU039354.D

Acq: 08 Jul 2020 17:53

Instrument :

MSVOA_U

ClientSampleId :

H4292

Tgt Ion: 78 Resp: 24099

