

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039782.D
 Acq On : 07 Aug 2020 13:16
 Operator : SY/MD
 Sample : L3572-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:33:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68697	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16550	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.92	69	17635	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.58	63	22465	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.66	46	91862	56.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.60%
24) Chloroform-d	5.08	84	43036	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.72	65	26932	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.75	84	75382	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.70	67	27577	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.91	98	56312	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.19	79	9052	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	63163	54.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.34%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	25916	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	27606	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

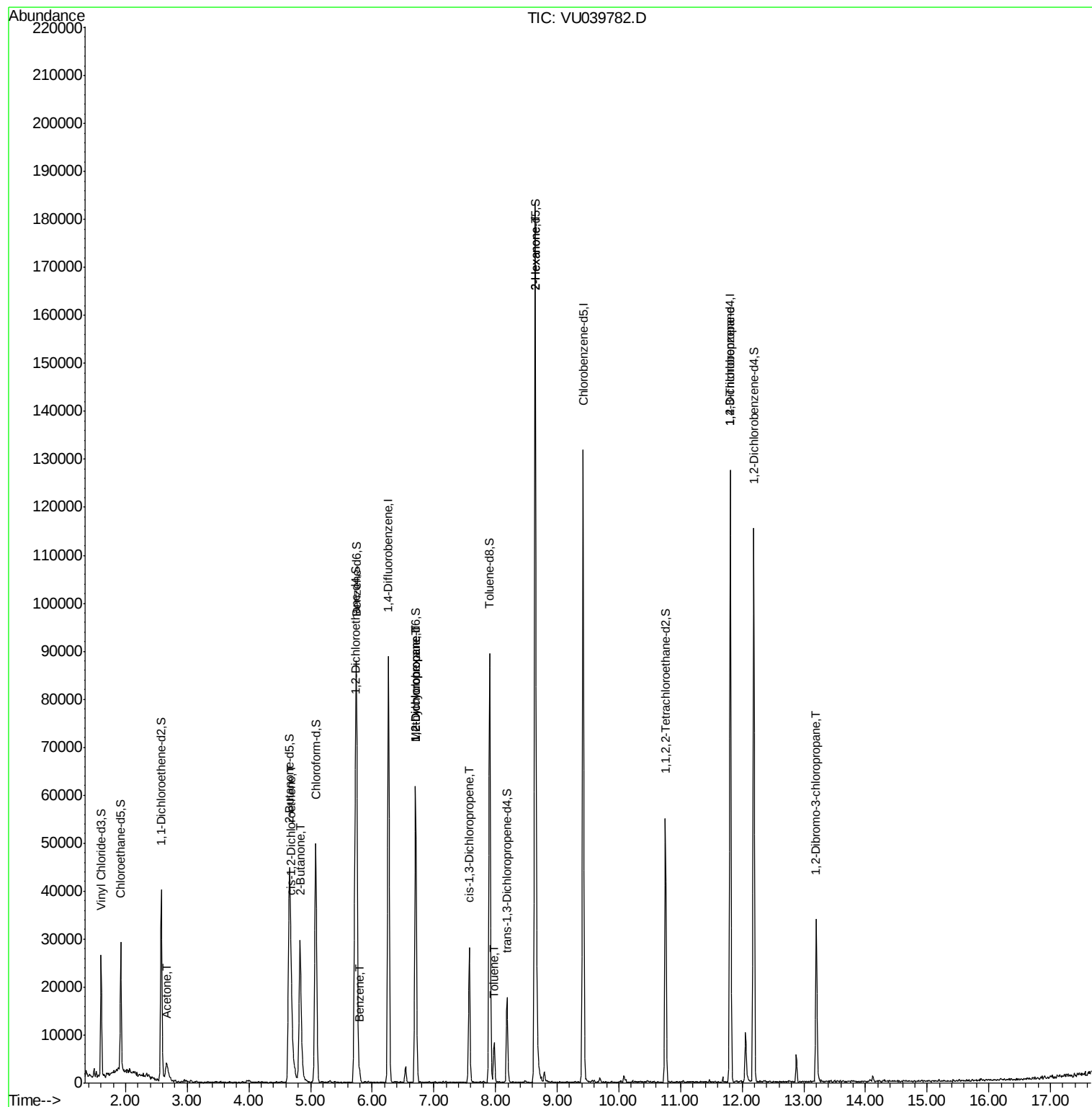
					Ovalue
13) Acetone	2.66	43	8396	8.729 ug/L	83
21) 2-Butanone	4.83	43	45062	29.728 ug/L #	50
22) cis-1,2-Dichloroethene	4.69	96	832	0.168 ug/L	99
33) Benzene	5.80	78	2172	0.117 ug/L	100
35) Methylcyclohexane	6.70	83	6705	0.869 ug/L #	23
37) 1,2-Dichloropropane	6.71	63	3107	0.628 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	895	0.133 ug/L #	56
42) Toluene	7.98	91	5929	0.303 ug/L	95
48) 2-Hexanone	8.64	43	8304	3.111 ug/L #	79
59) 1,2,3-Trichloropropane	11.81	75	4644	1.302 ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.20	75	80	0.116 ug/L #	5

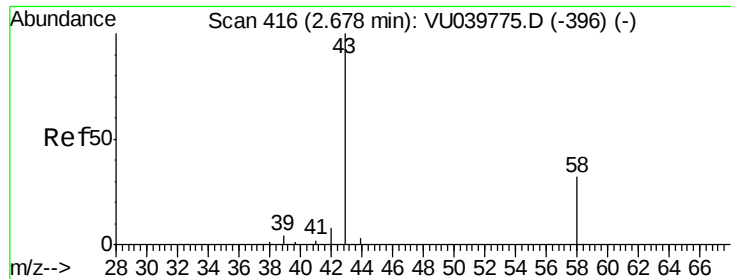
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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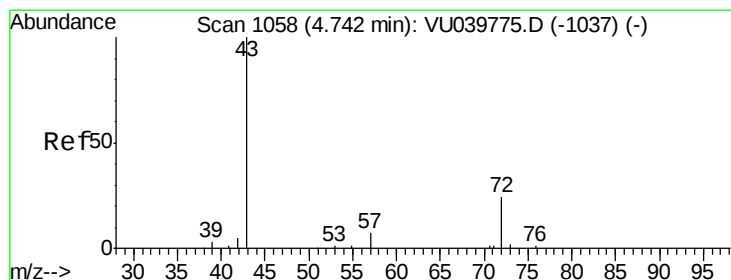
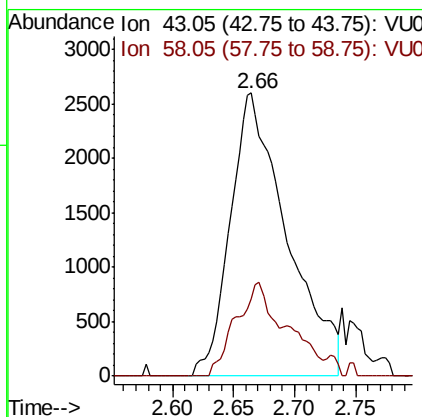
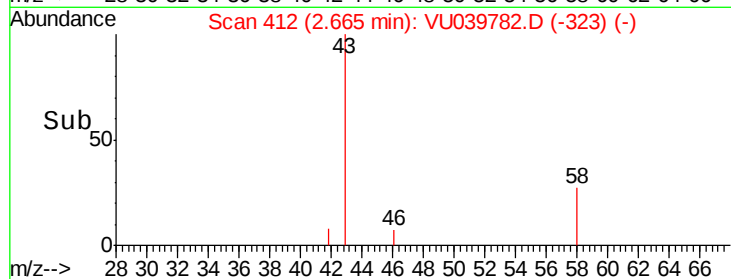
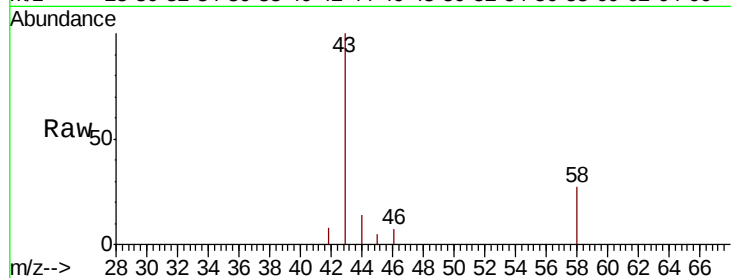




#13
Acetone
Concen: 8.729 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU039782.D
Acq: 07 Aug 2020 13:16

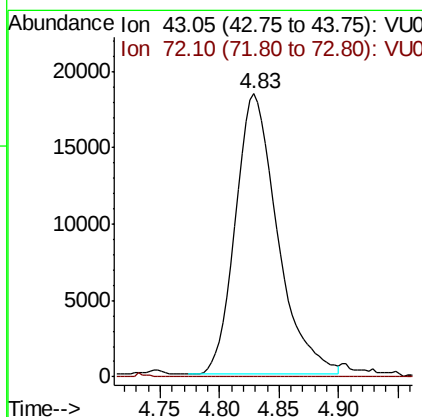
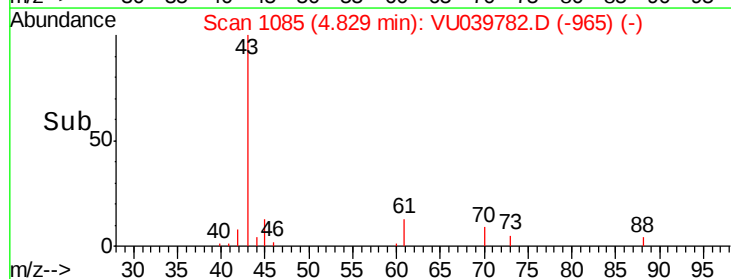
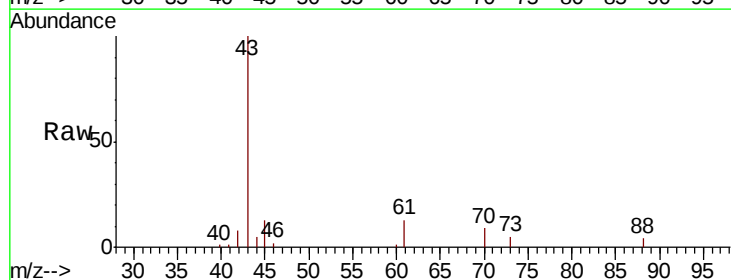
Instrument :
MSVOA_U
ClientSampled :

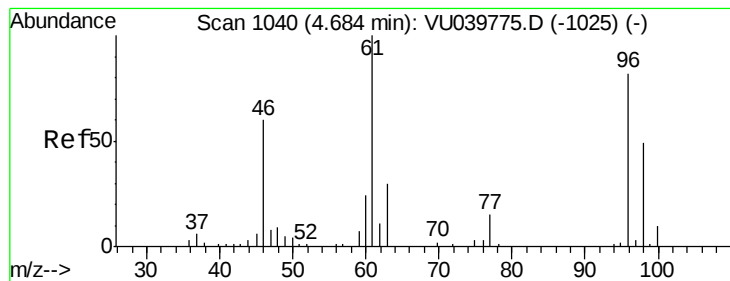
Tot Ion: 43 Resp: 8396
Ion Ratio Lower Upper
43 100
58 21.8 0.0 61.8



#21
2-Butanone
Concen: 29.728 ug/L
RT: 4.83 min Scan# 1085
Delta R.T. 0.09 min
Lab File: VU039782.D
Acq: 07 Aug 2020 13:16

Tgt Ion: 43 Resp: 45062
Ion Ratio Lower Upper
43 100
72 0.3 13.0 39.0#





#22

cis-1,2-Dichloroethene

Concen: 0.168 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU039782.D

Acq: 07 Aug 2020 13:16

Instrument :
MSVOA_U
ClientSampleId :

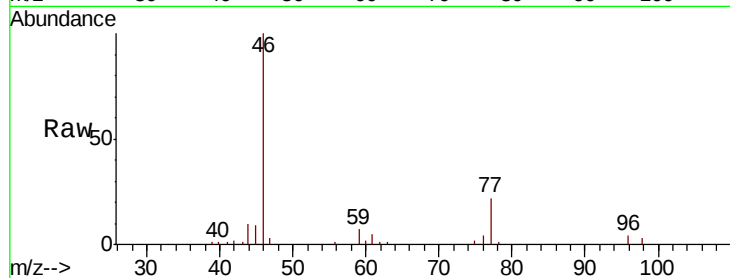
Tot Ion: 96 Resp: 832

Ion Ratio Lower Upper

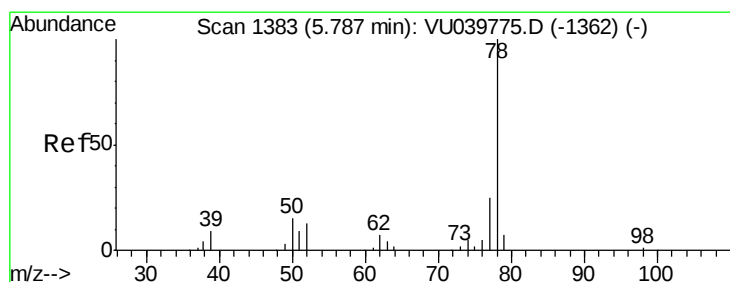
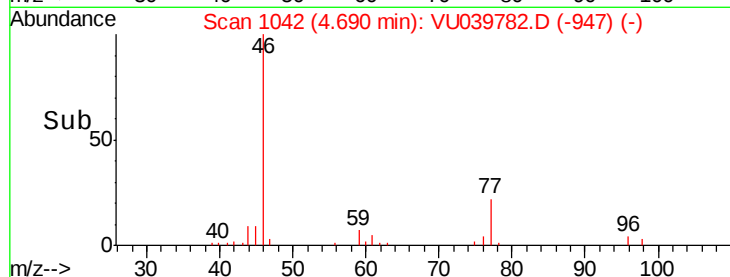
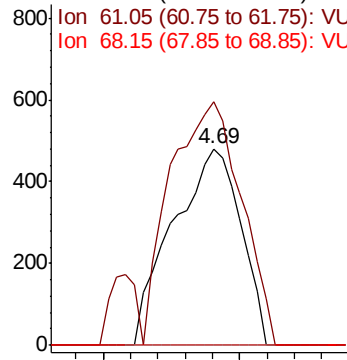
96 100

61 123.7 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#33

Benzene

Concen: 0.117 ug/L

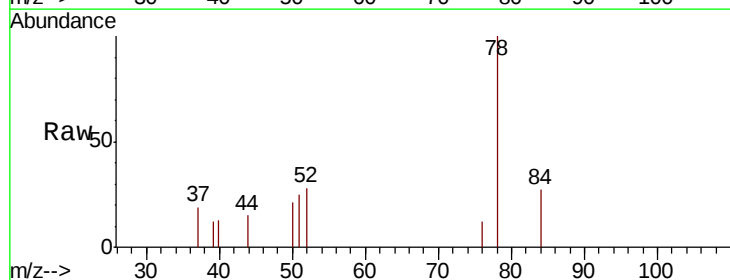
RT: 5.80 min Scan# 1386

Delta R.T. 0.01 min

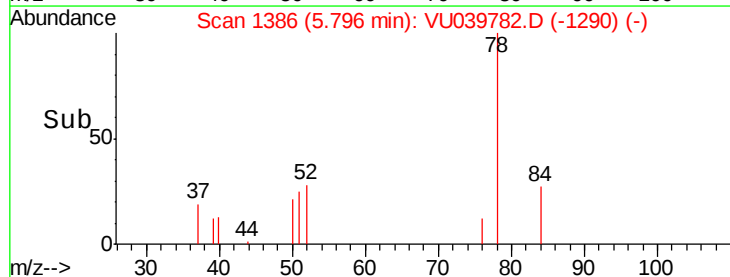
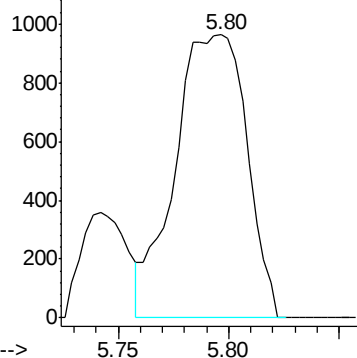
Lab File: VU039782.D

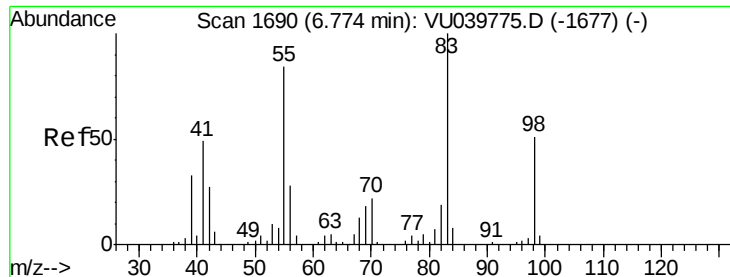
Acq: 07 Aug 2020 13:16

Tgt Ion: 78 Resp: 2172



Abundance Ion 78.10 (77.80 to 78.80): VU0

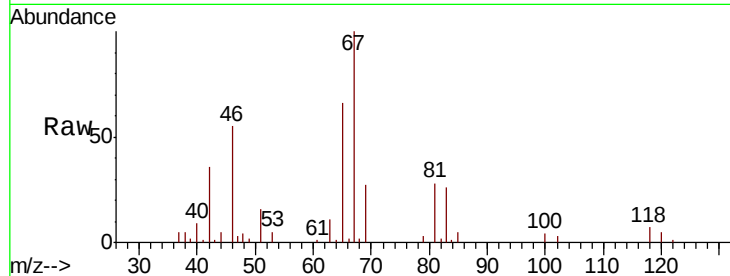




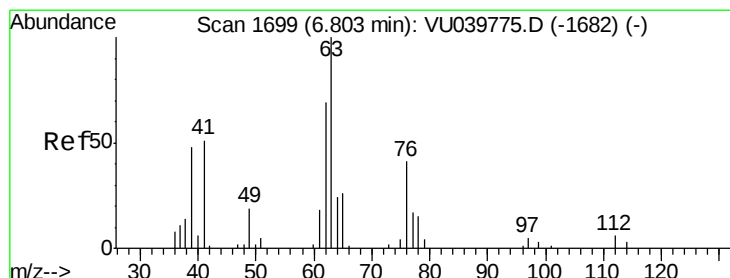
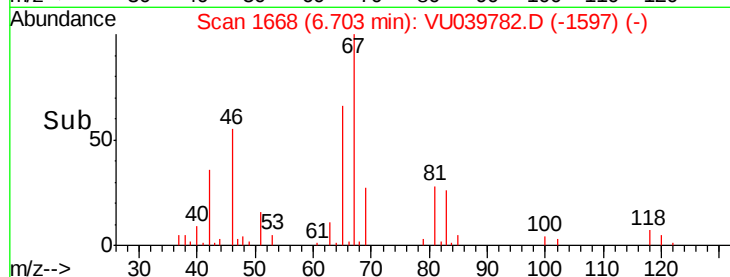
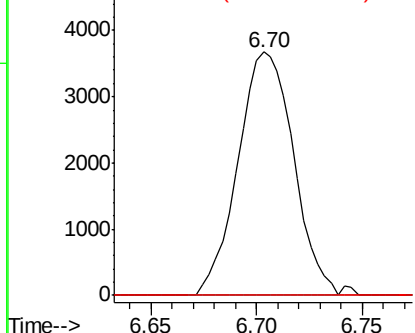
#35
Methvlcvclohexane
Concen: 0.869 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039782.D
Acq: 07 Aug 2020 13:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 6705
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 7.2 39.0 58.4#

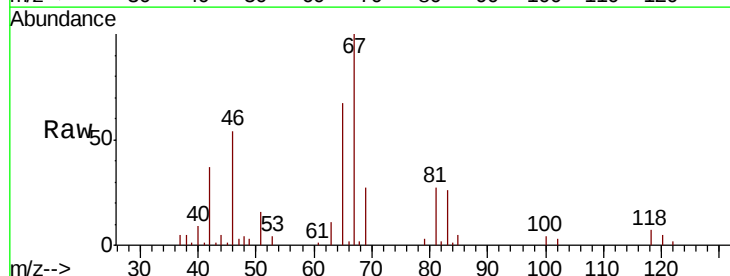


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

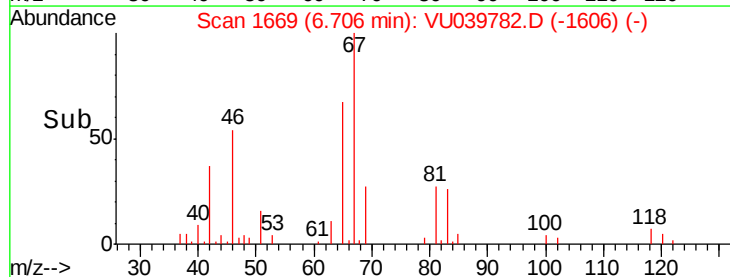
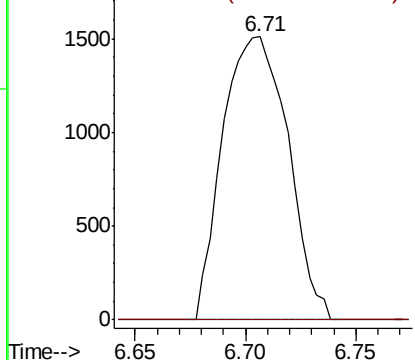


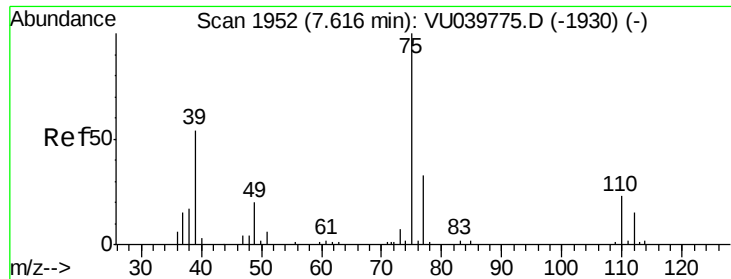
#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039782.D
Acq: 07 Aug 2020 13:16

Tgt Ion: 63 Resp: 3107
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

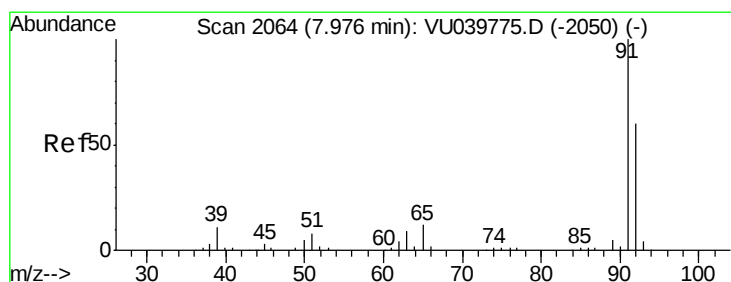
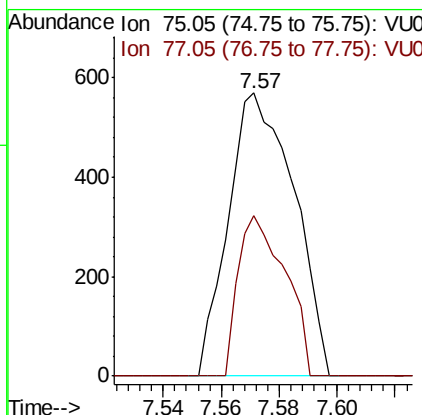
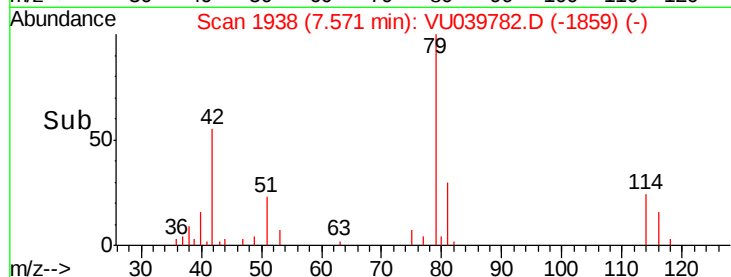
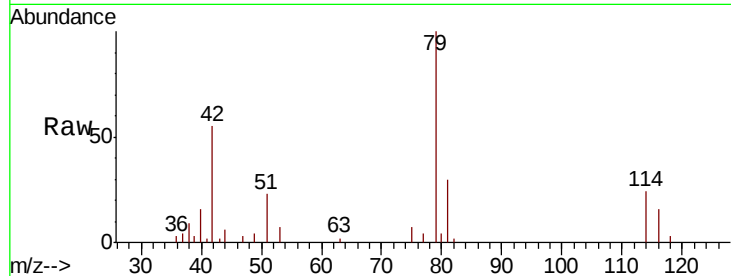




#39
 cis-1,3-Dichloropropene
 Concen: 0.133 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU039782.D
 Acq: 07 Aug 2020 13:16

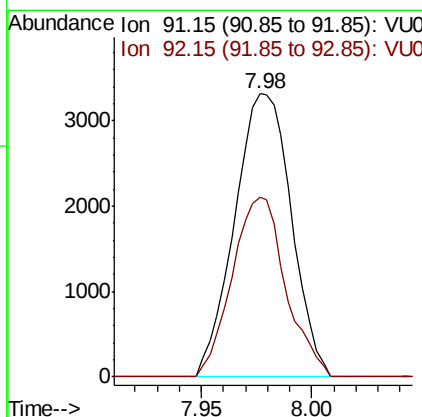
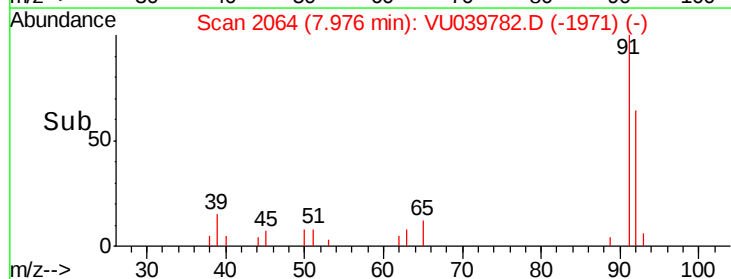
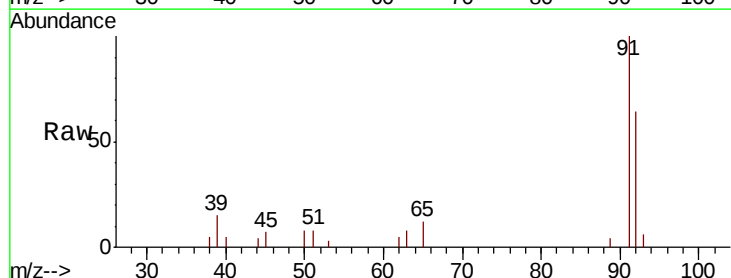
Instrument :
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 ClientSampleId :

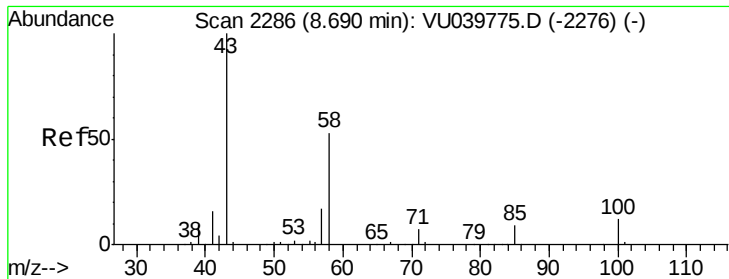
Tot Ion: 75 Resp: 895
 Ion Ratio Lower Upper
 75 100
 77 56.6 22.4 41.6#



#42
 Toluene
 Concen: 0.303 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VU039782.D
 Acq: 07 Aug 2020 13:16

Tgt Ion: 91 Resp: 5929
 Ion Ratio Lower Upper
 91 100
 92 63.5 41.6 77.3

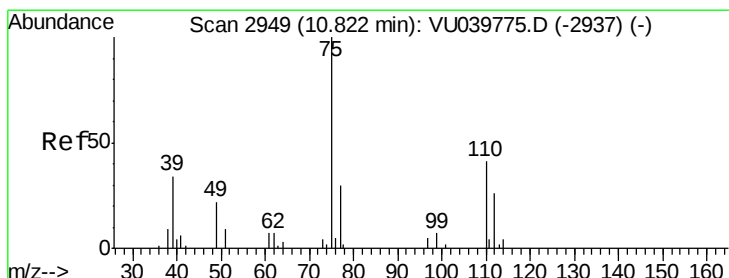
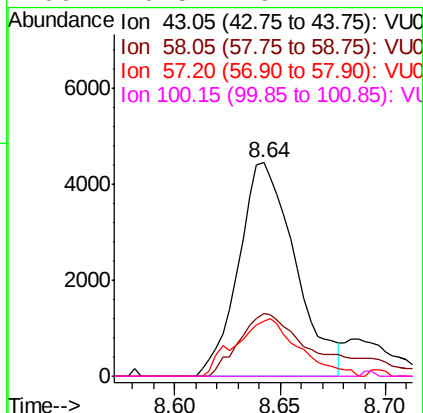
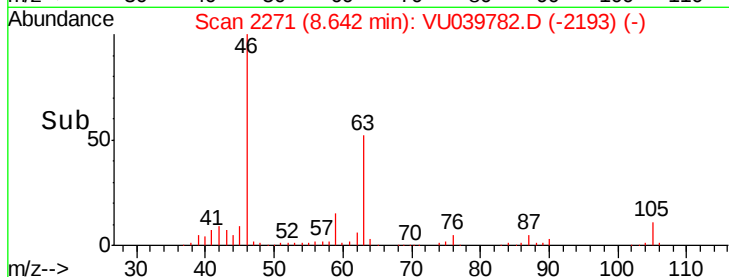
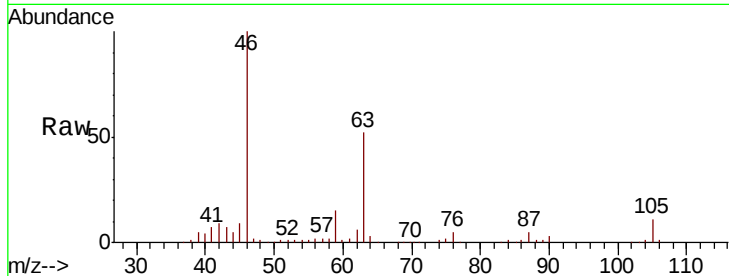




#48
 2-Hexanone
 Concen: 3.111 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU039782.D
 Acq: 07 Aug 2020 13:16

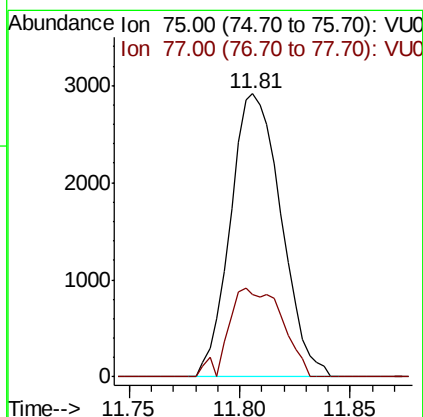
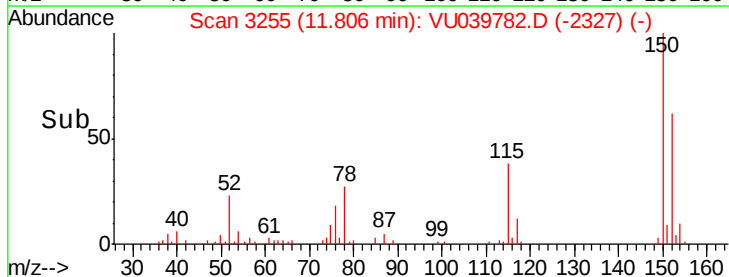
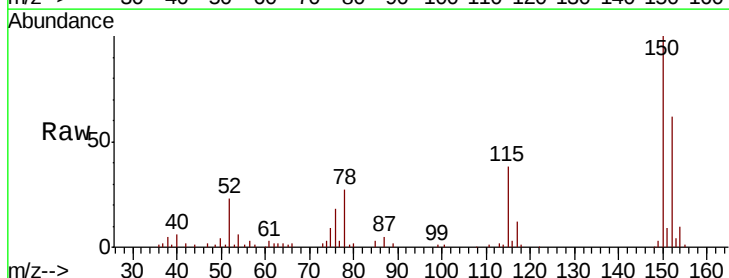
Instrument :
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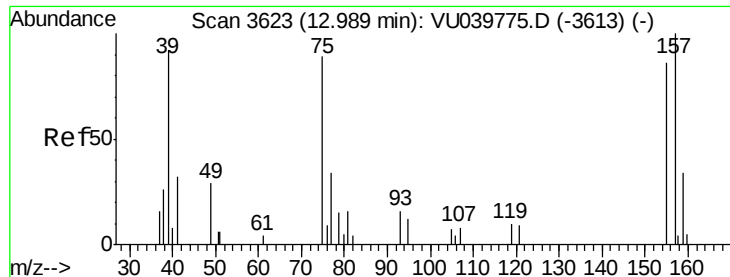
Tot Ion: 43 Resp: 8304
 Ion Ratio Lower Upper
 43 100
 58 40.7 41.8 62.8#
 57 29.9 14.2 21.4#
 100 0.5 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.302 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039782.D
 Acq: 07 Aug 2020 13:16

Tgt Ion: 75 Resp: 4644
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 37.0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.116 ug/L

RT: 13.20 min Scan# 3689

Delta R.T. 0.21 min

Lab File: VU039782.D

Acq: 07 Aug 2020 13:16

Instrument :

MSVOA_U

ClientSampleId :

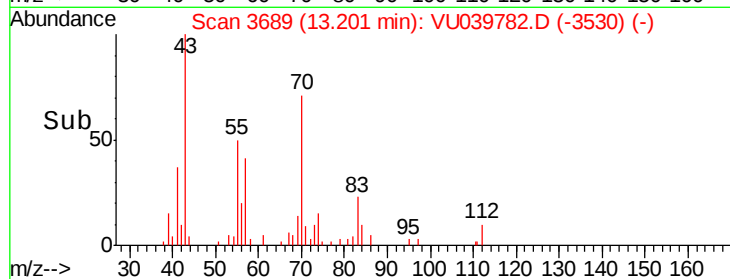
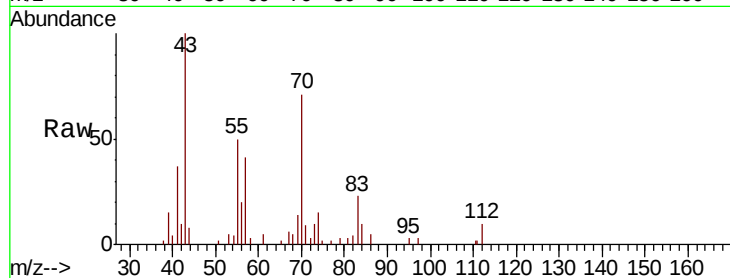
Tot Ion: 75 Resp: 80

Ion Ratio Lower Upper

75 100

155 0.0 64.0 96.0#

157 0.0 77.0 115.6#



Abundance Ion 75.05 (74.75 to 75.75): VU039782.D (-3530) (-)

Ion 154.95 (154.65 to 155.65): VU039782.D (-3530) (-)

Ion 156.90 (156.60 to 157.60): VU039782.D (-3530) (-)

13.20

150

100

50

0

13.19 13.20 13.21

Time-->