

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039170.D
 Acq On : 26 Jun 2020 17:21
 Operator : SY/MD
 Sample : L3104-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q05

Quant Time: Jun 26 23:56:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251412	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	257752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	109051	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	62959	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.93	69	63728	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.59	63	100826	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.67	46	309900	46.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.28%
24) Chloroform-d	5.10	84	152430	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.74	65	97373	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.76	84	284987	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.72	67	96371	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.20%
41) Toluene-d8	7.92	98	213712	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.20	79	36975	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	8.65	63	231986	43.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84688	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	90579	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

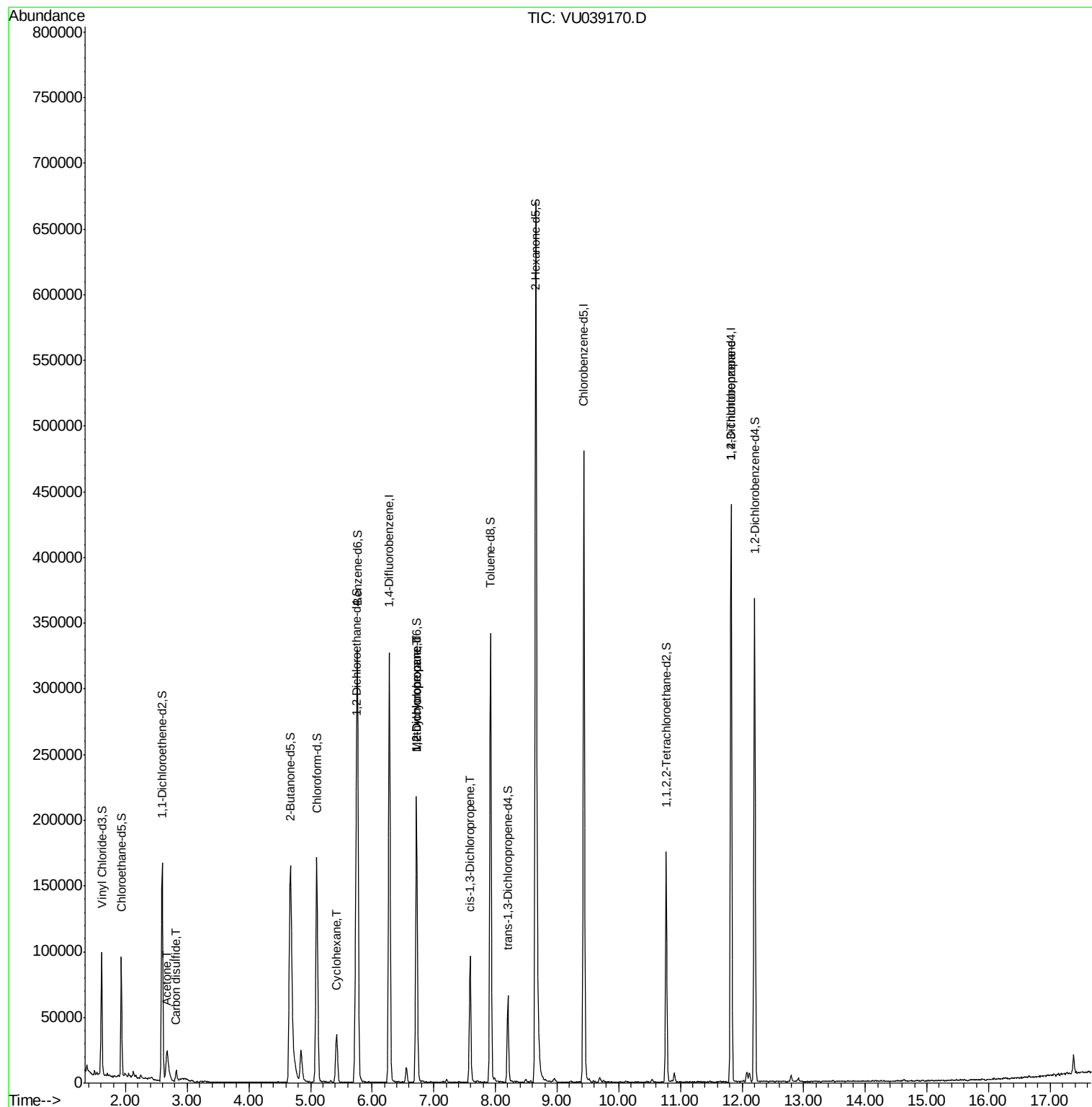
					Ovalue
13) Acetone	2.67	43	46248	10.250 ug/L	98
14) Carbon disulfide	2.82	76	10139	0.175 ug/L	96
30) Cyclohexane	5.42	56	15591	0.521 ug/L	99
35) Methylcyclohexane	6.72	83	22945	0.789 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11087	0.505 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2423	0.080 ug/L #	54
59) 1,2,3-Trichloropropane	11.82	75	15384	0.930 ug/L	92

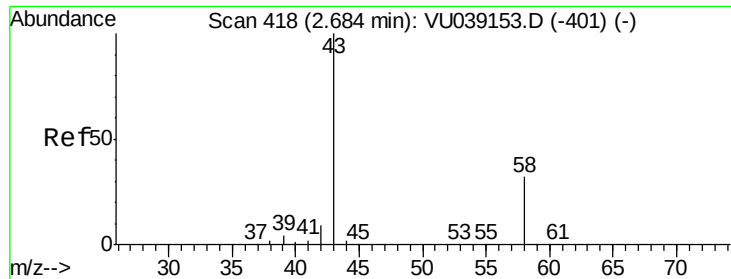
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.250 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU039170.D

Acq: 26 Jun 2020 17:21

Instrument :

MSVOA_U

ClientSampleId :

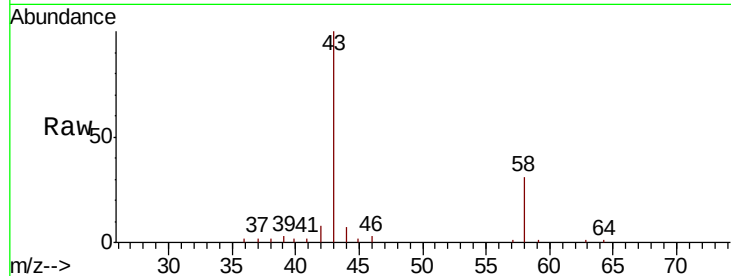
F9Q05

Tot Ion: 43 Resp: 46248

Ion Ratio Lower Upper

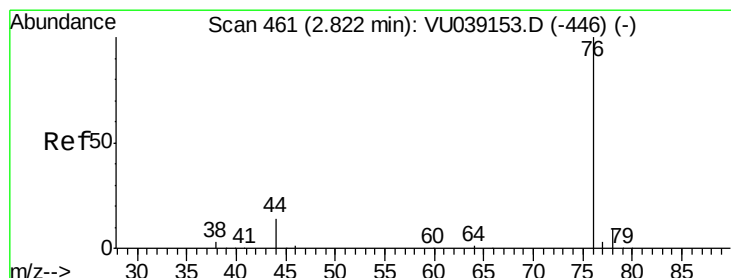
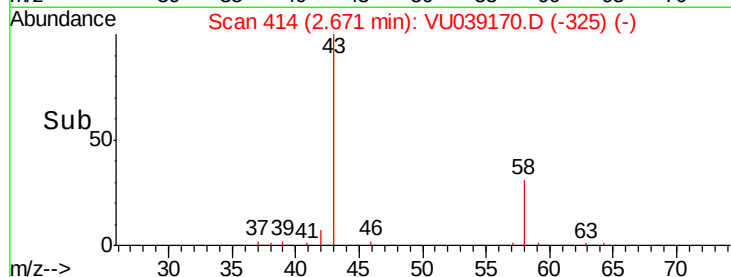
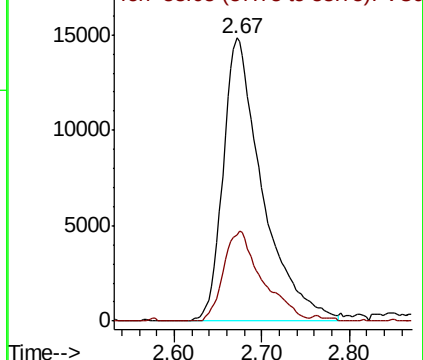
43 100

58 31.3 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039170.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU039170.D (-325) (-)



#14

Carbon disulfide

Concen: 0.175 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU039170.D

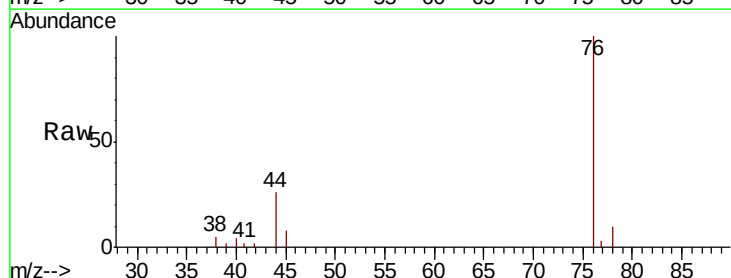
Acq: 26 Jun 2020 17:21

Tgt Ion: 76 Resp: 10139

Ion Ratio Lower Upper

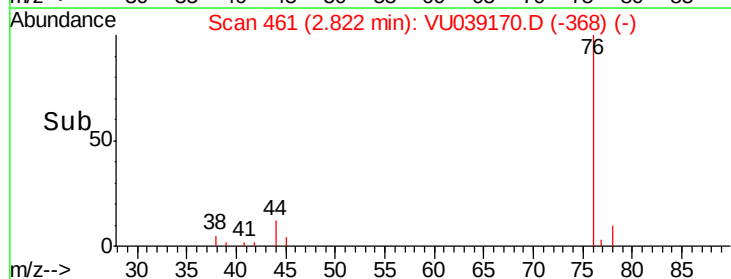
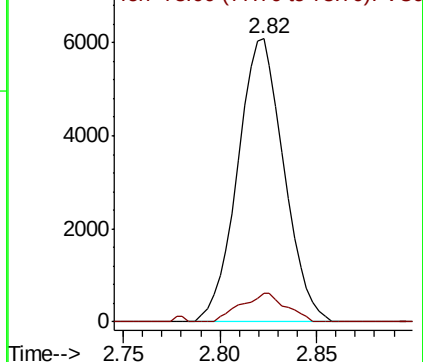
76 100

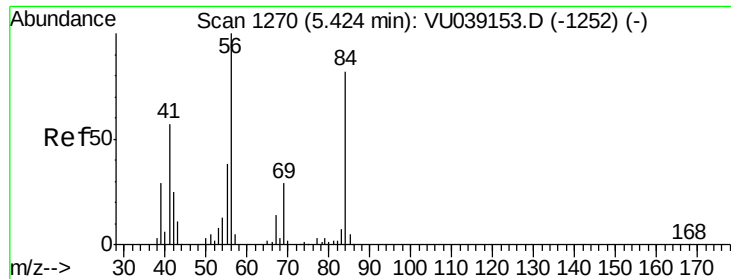
78 10.1 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VU039170.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU039170.D (-368) (-)

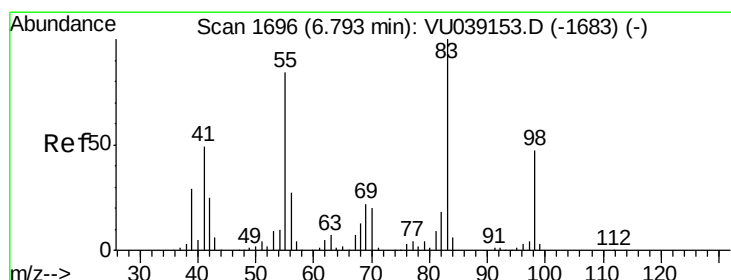
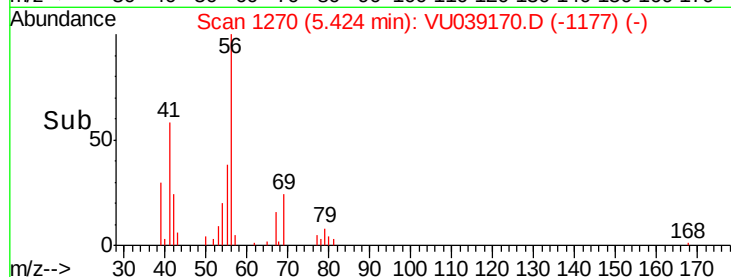
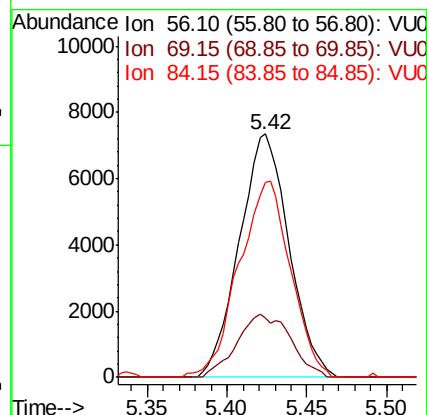
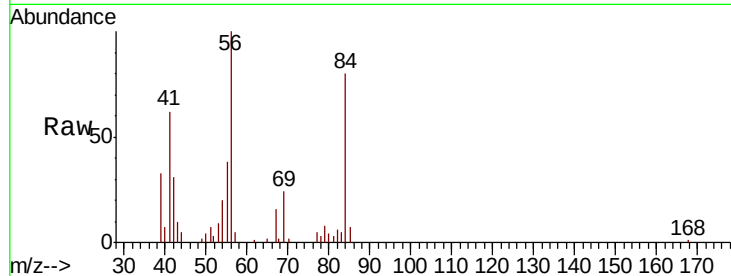




#30
Cyclohexane
Concen: 0.521 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU039170.D
Acq: 26 Jun 2020 17:21

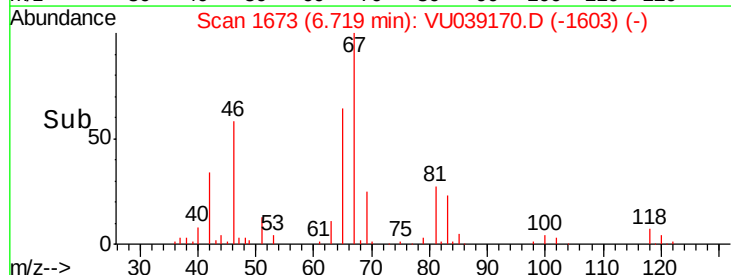
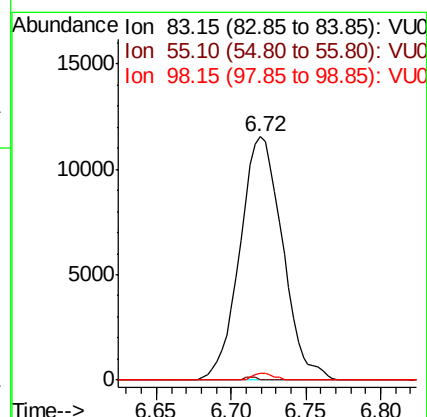
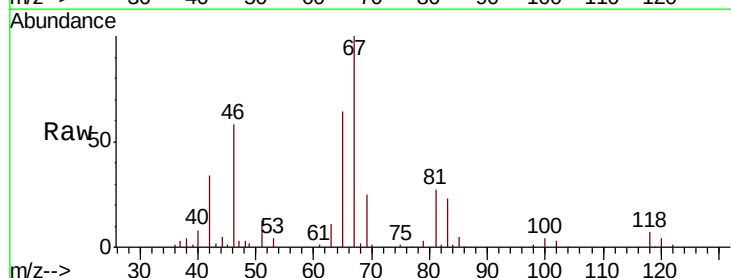
Instrument :
MSVOA_U
ClientSampleId :
F9Q05

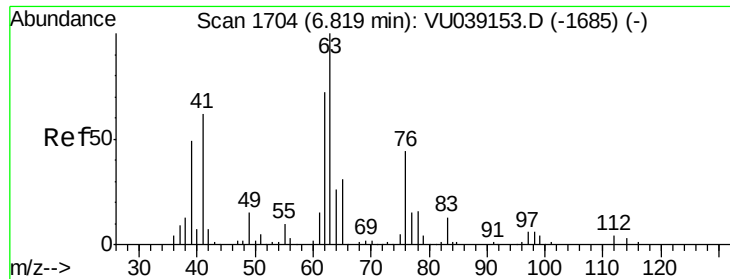
Tot Ion	56	Resp	15591
Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.3	34.9
84	83.7	67.1	100.7



#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039170.D
Acq: 26 Jun 2020 17:21

Tgt Ion	83	Resp	22945
Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.5	98.3#
98	1.4	36.5	54.7#

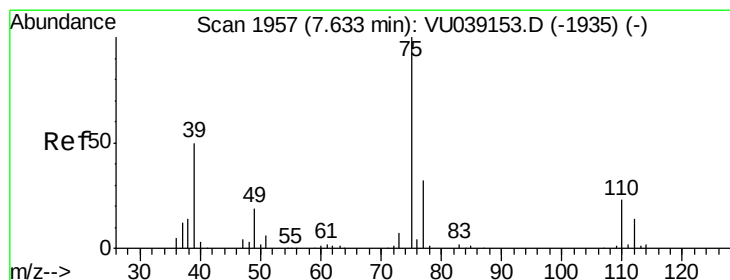
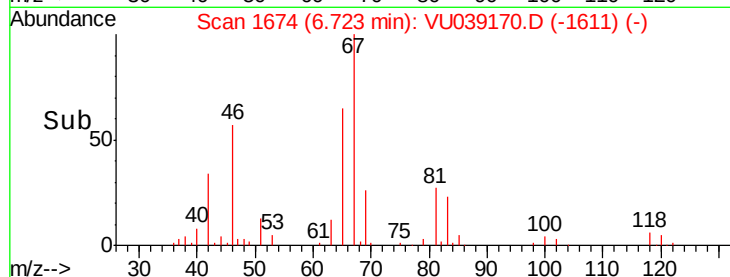
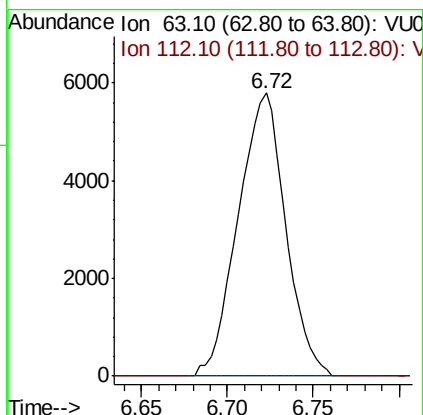
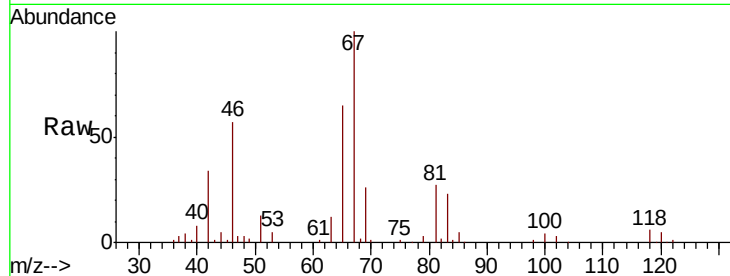




#37
 1,2-Dichloropropane
 Concen: 0.505 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039170.D
 Acq: 26 Jun 2020 17:21

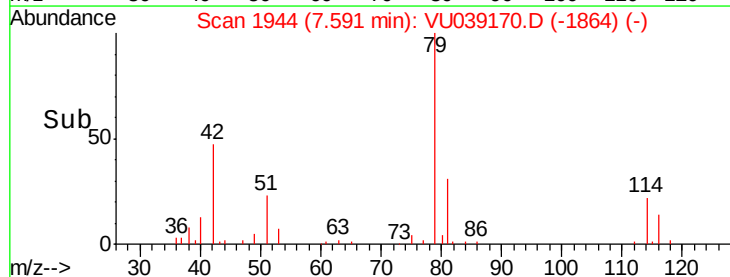
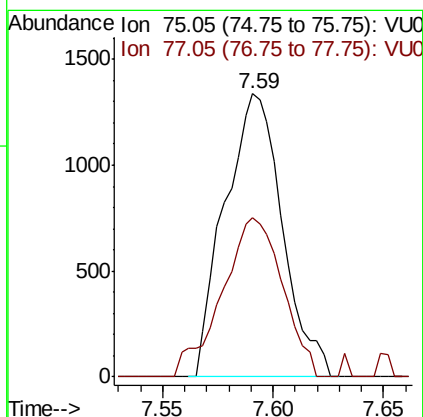
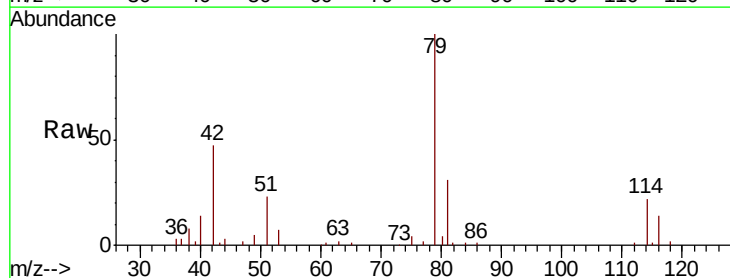
Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q05

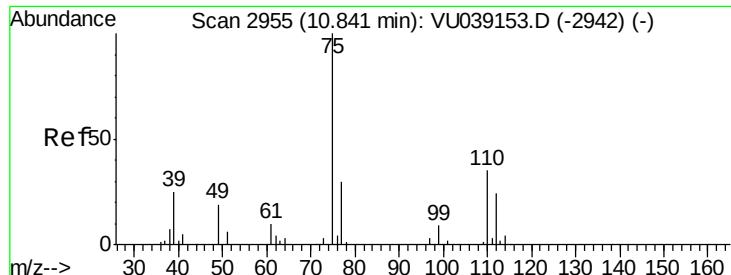
Tot Ion: 63 Resp: 11087
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039170.D
 Acq: 26 Jun 2020 17:21

Tgt Ion: 75 Resp: 2423
 Ion Ratio Lower Upper
 75 100
 77 56.2 21.6 40.0#





#59

1,2,3-Trichloropropane

Concen: 0.930 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039170.D

Acq: 26 Jun 2020 17:21

Instrument :

MSVOA_U

ClientSampleId :

F9Q05

Tot Ion: 75 Resp: 15384

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.2

