

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039114.D
 Acq On : 25 Jun 2020 14:29
 Operator : SY/MD
 Sample : L3110-07RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F22

Quant Time: Jun 26 01:01:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	237254	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	243504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	104535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85825	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.93	69	81152	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.59	63	128482	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.67	46	398082	63.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.98%
24) Chloroform-d	5.10	84	193187	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
26) 1,2-Dichloroethane-d4	5.74	65	119057	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.76	84	364088	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.72	67	122899	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.92	98	273390	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	49926	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.65	63	307783	60.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113071	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	112434	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

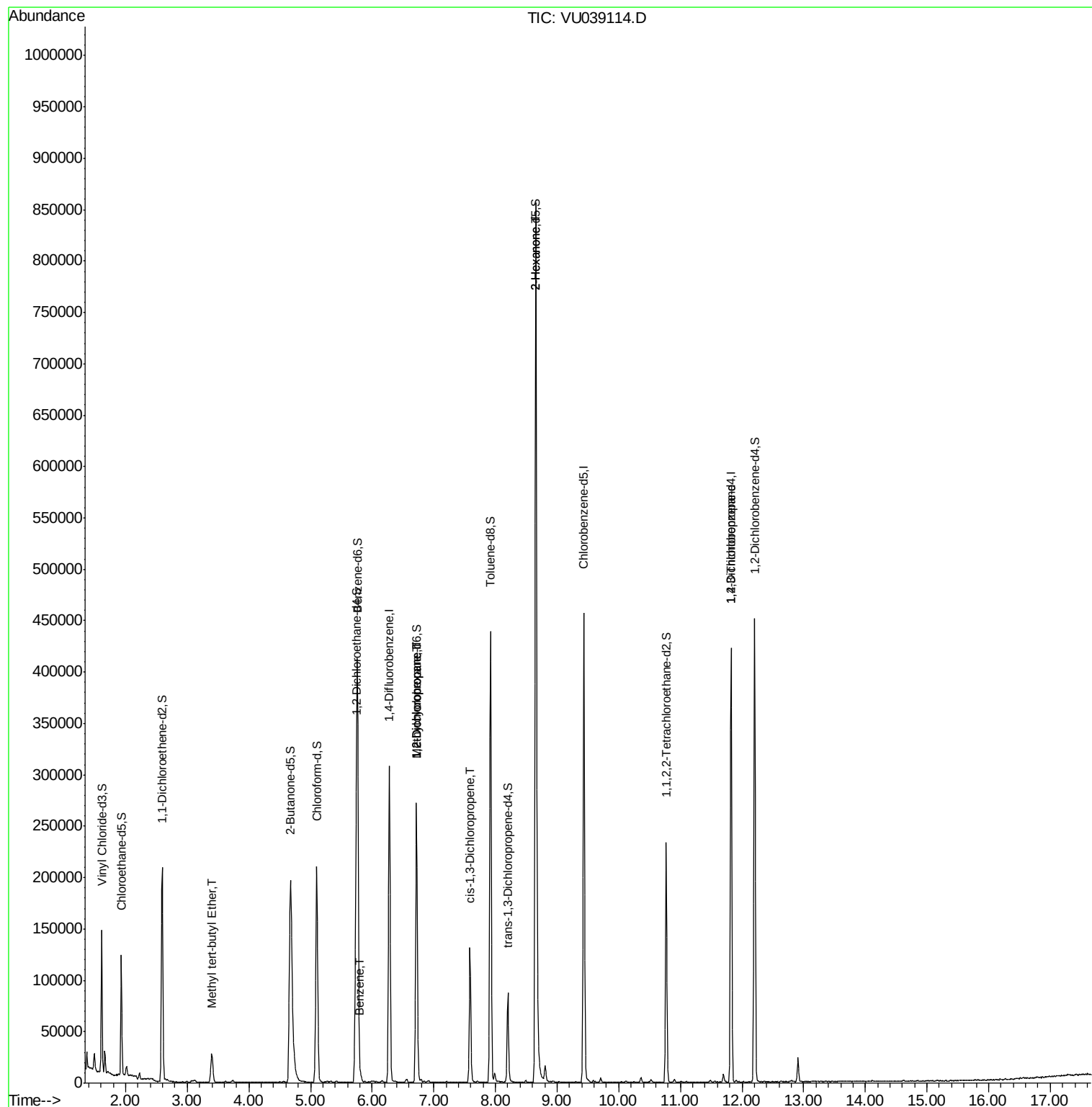
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	28160	0.602 ug/L	94
33) Benzene	5.81	78	6124	0.080 ug/L	100
35) Methylcyclohexane	6.72	83	28727	1.046 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14034	0.677 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3662	0.127 ug/L #	69
48) 2-Hexanone	8.65	43	39653	3.496 ug/L #	67
59) 1,2,3-Trichloropropane	11.82	75	14971	0.958 ug/L	93

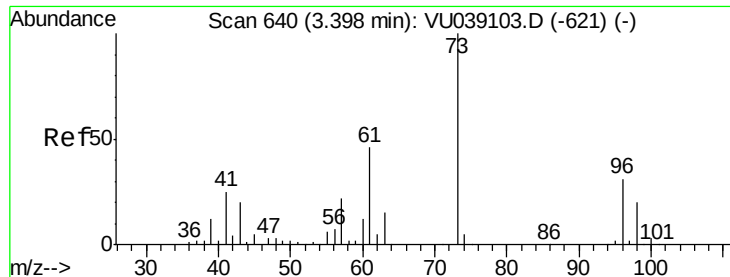
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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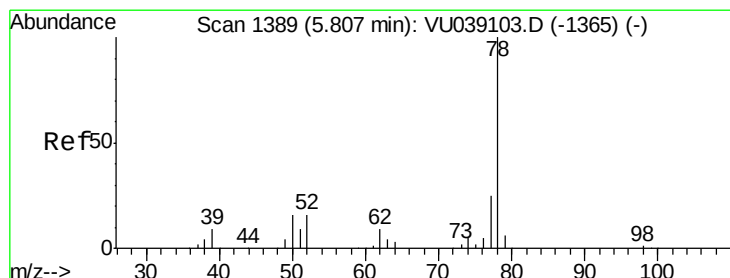
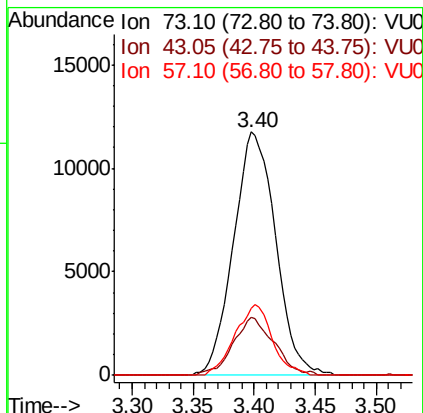
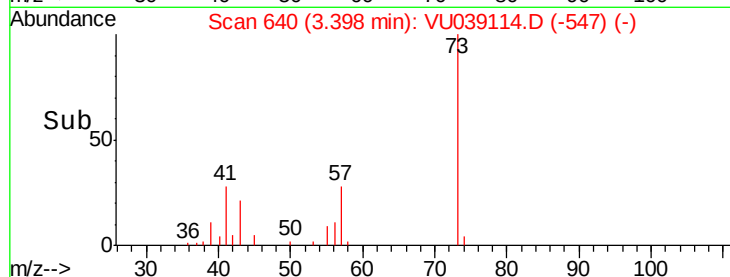
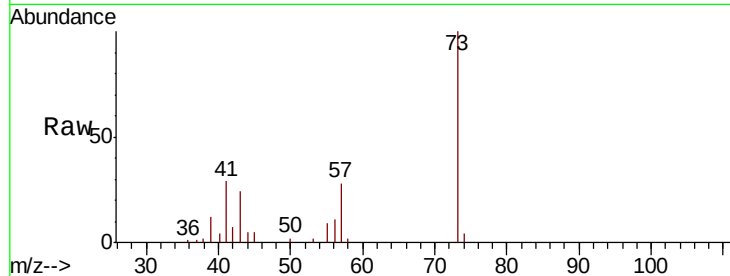




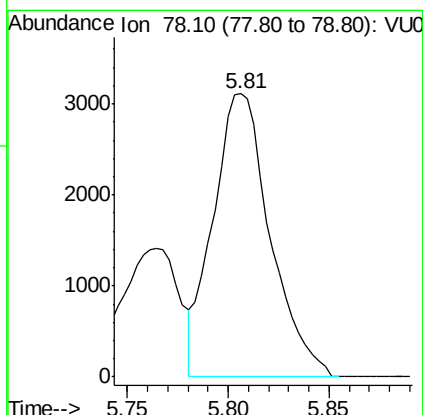
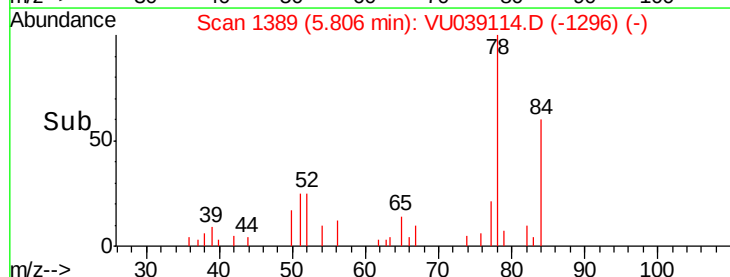
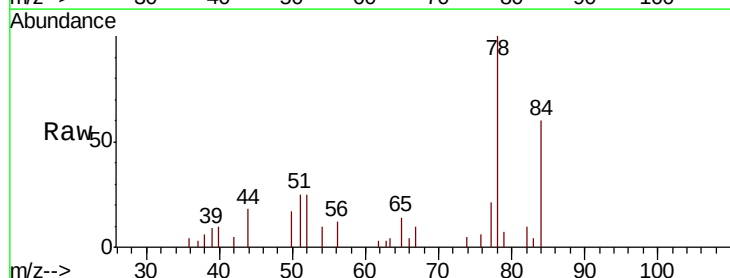
#17
Methvl tert-butyl Ether
Concen: 0.602 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU039114.D
Acq: 25 Jun 2020 14:29

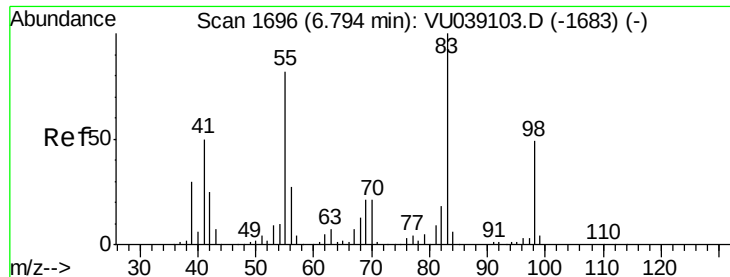
Instrument :
MSVOA_U
ClientSampled :
F9F22

Tot Ion: 73 Resp: 28160
Ion Ratio Lower Upper
73 100
43 23.0 16.6 24.8
57 25.7 18.2 27.4



#33
Benzene
Concen: 0.080 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU039114.D
Acq: 25 Jun 2020 14:29
Tgt Ion: 78 Resp: 6124

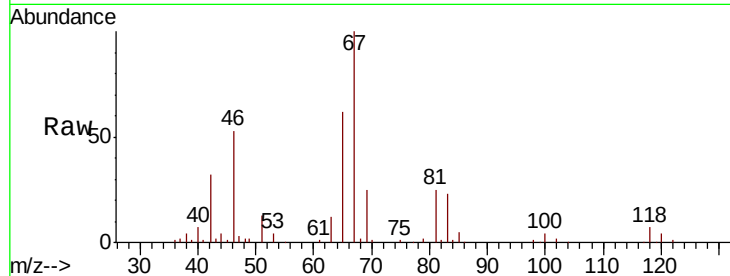




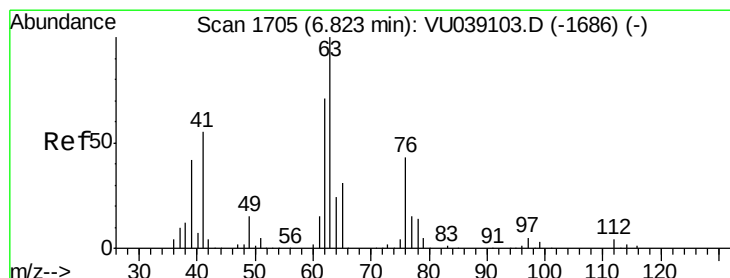
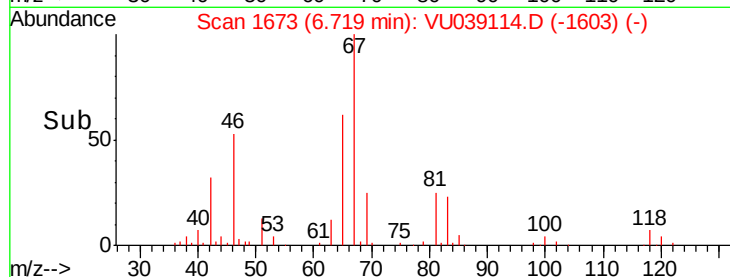
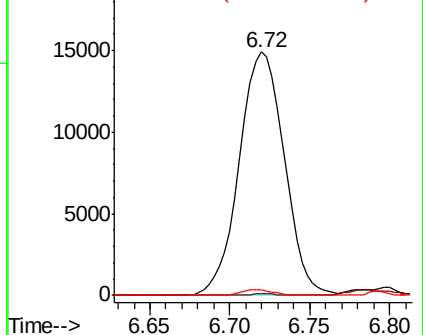
#35
Methylvlcyclohexane
Concen: 1.046 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039114.D
Acq: 25 Jun 2020 14:29

Instrument :
MSVOA_U
ClientSampleId :
F9F22

Tot Ion: 83 Resp: 28727
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 1.6 36.5 54.7#

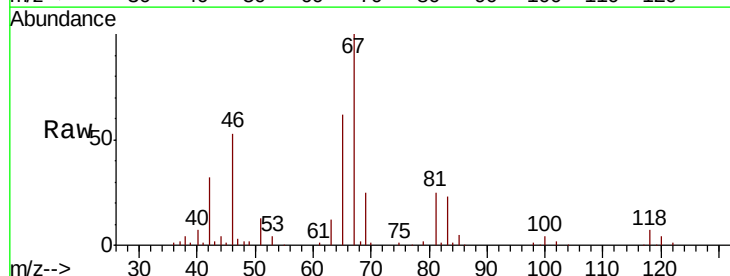


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

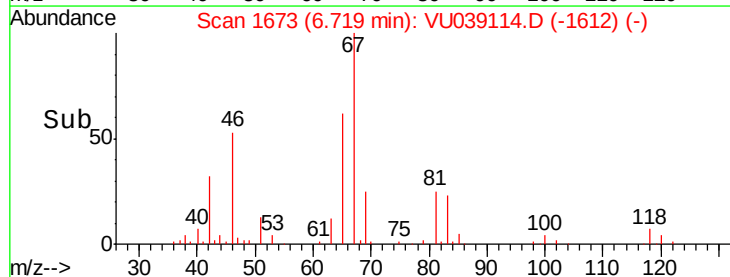
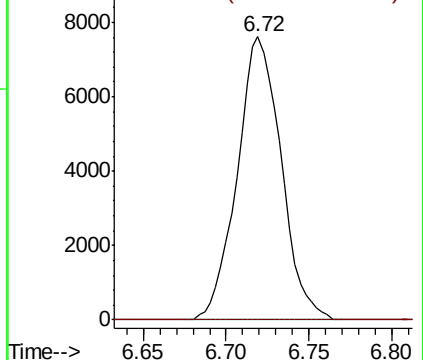


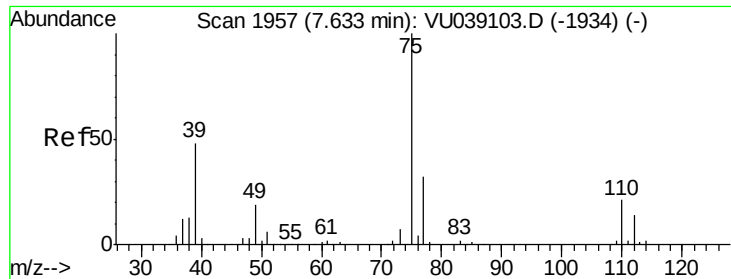
#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039114.D
Acq: 25 Jun 2020 14:29

Tgt Ion: 63 Resp: 14034
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



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

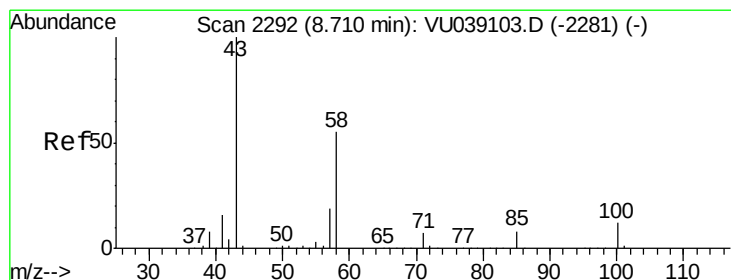
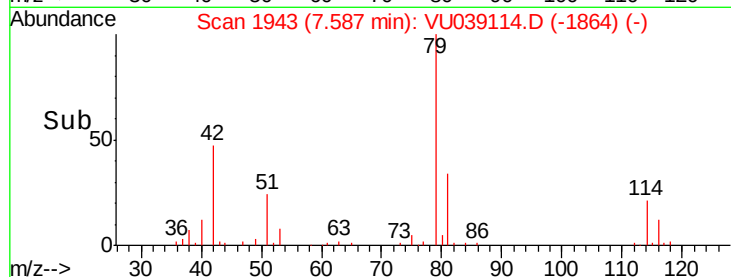
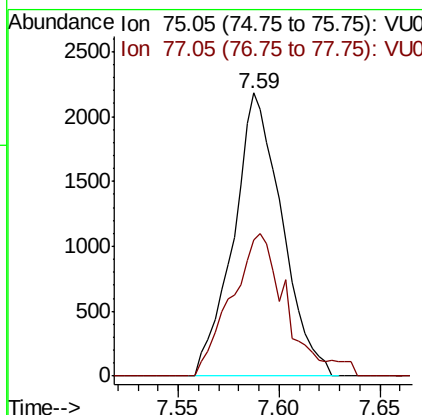
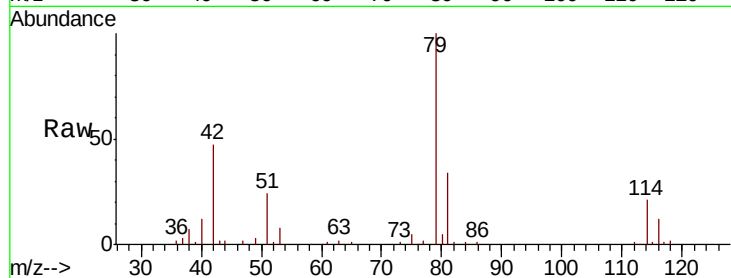




#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039114.D
 Acq: 25 Jun 2020 14:29

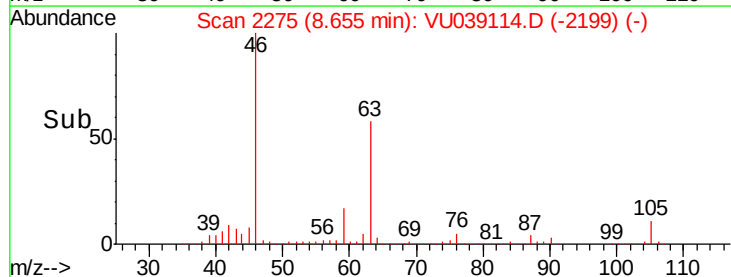
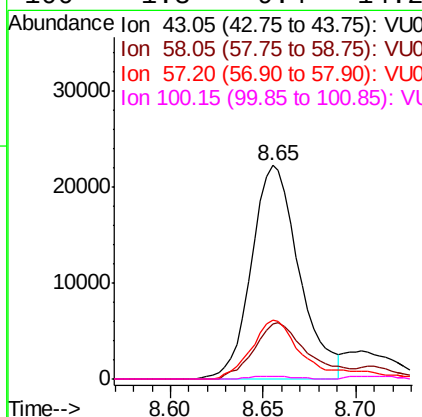
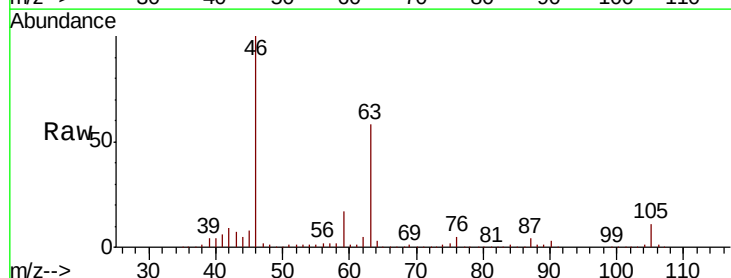
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F22

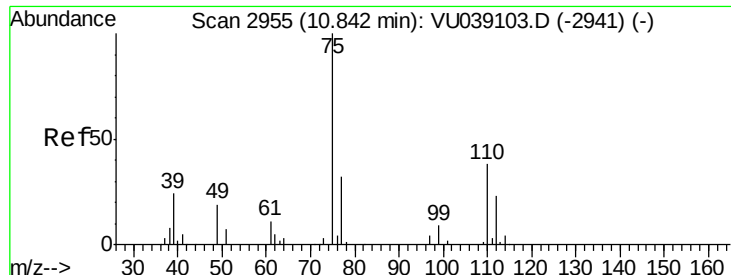
Tot Ion: 75 Resp: 3662
 Ion Ratio Lower Upper
 75 100
 77 48.0 21.6 40.0#



#48
 2-Hexanone
 Concen: 3.496 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.06 min
 Lab File: VU039114.D
 Acq: 25 Jun 2020 14:29

Tgt Ion: 43 Resp: 39653
 Ion Ratio Lower Upper
 43 100
 58 29.6 44.0 66.0#
 57 31.6 15.0 22.6#
 100 1.3 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.958 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039114.D

Acq: 25 Jun 2020 14:29

Instrument :

MSVOA_U

ClientSampleId :

F9F22

Tot Ion: 75 Resp: 14971

Ion Ratio Lower Upper

75 100

77 36.6 26.2 39.2

