

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038640.D
 Acq On : 07 Jun 2020 01:21
 Operator : SY/MD
 Sample : L2911-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D03

Quant Time: Jun 08 03:01:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	304972	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	304438	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	147277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82938	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.93	69	74746	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.59	63	137452	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.68	46	329478	54.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.90%
24) Chloroform-d	5.10	84	181642	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.74	65	107656	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.76	84	368625	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.72	67	117267	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.92	98	307053	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.20	79	43845	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.65	63	284975	57.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101675	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	132456	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

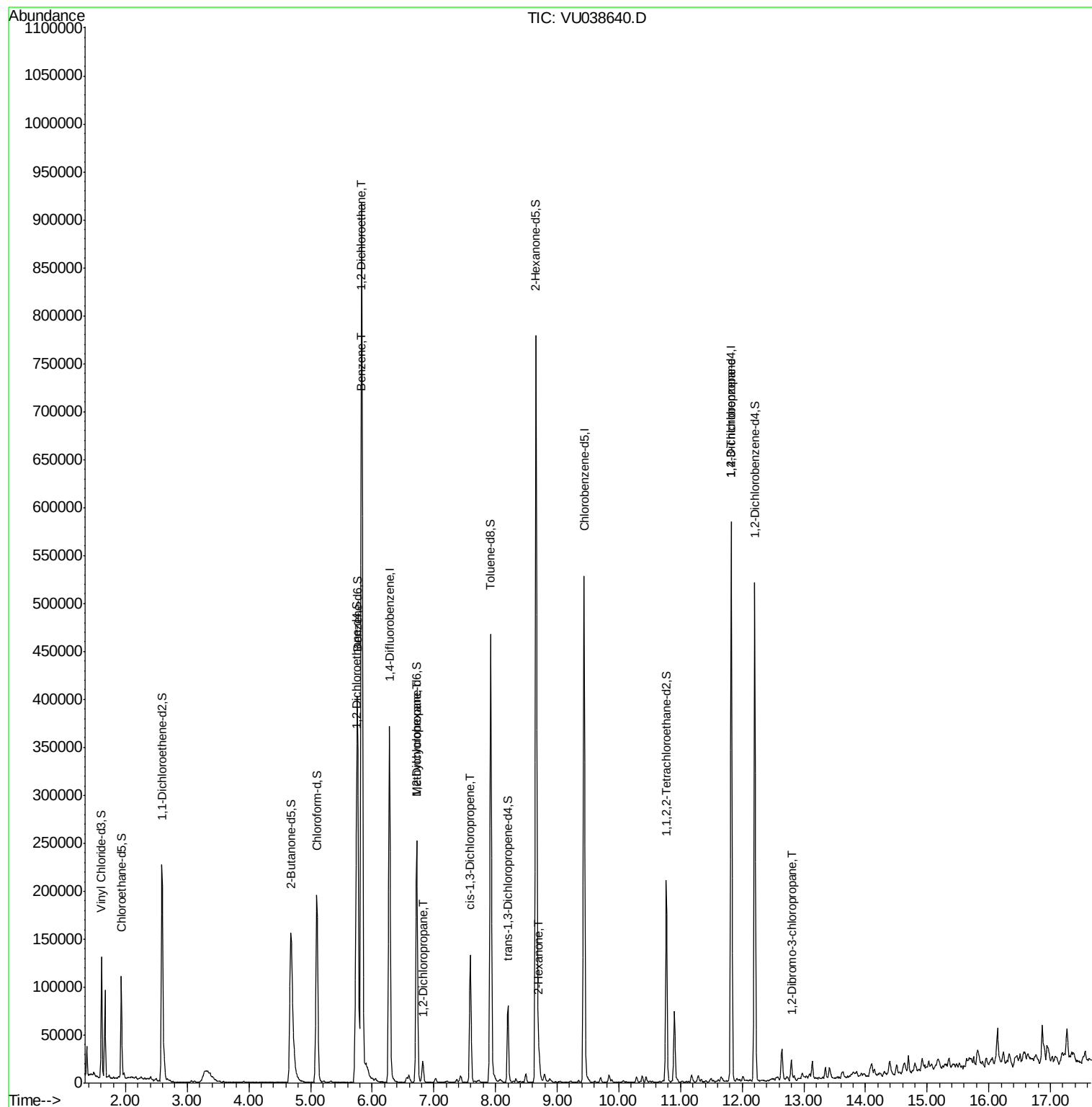
					Ovalue
27) 1,2-Dichloroethane	5.83	62	773402	29.855 ug/L	99
33) Benzene	5.81	78	7128	0.084 ug/L	100
35) Methylcyclohexane	6.72	83	27869	0.817 ug/L #	18
37) 1,2-Dichloropropane	6.82	63	8223	0.385 ug/L #	95
39) cis-1,3-Dichloropropene	7.59	75	3220	0.102 ug/L #	71
48) 2-Hexanone	8.71	43	11949	1.033 ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	19050	1.195 ug/L	89
66) 1,2-Dibromo-3-chloropropan	12.80	75	596	0.179 ug/L #	5

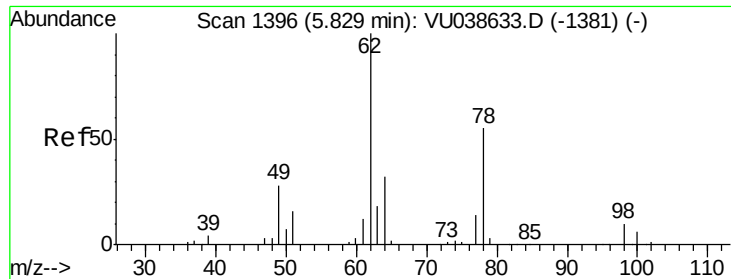
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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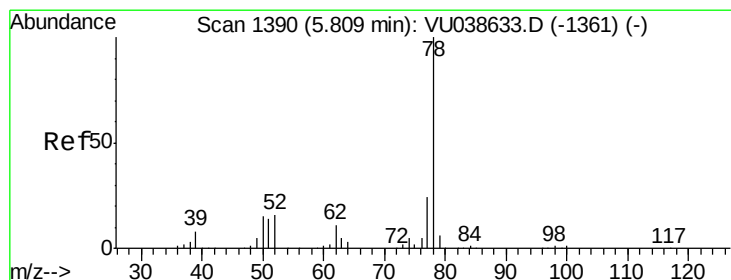
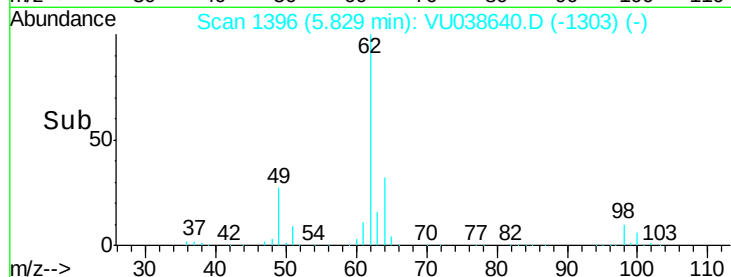
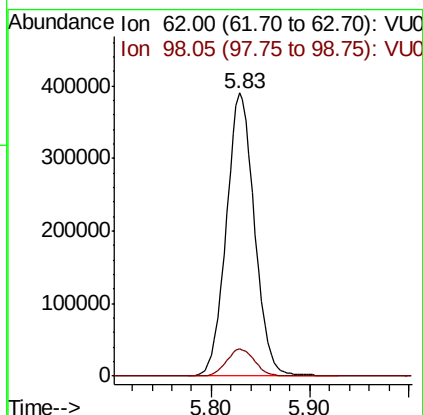
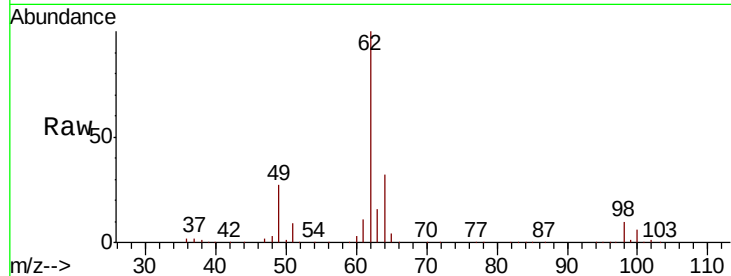




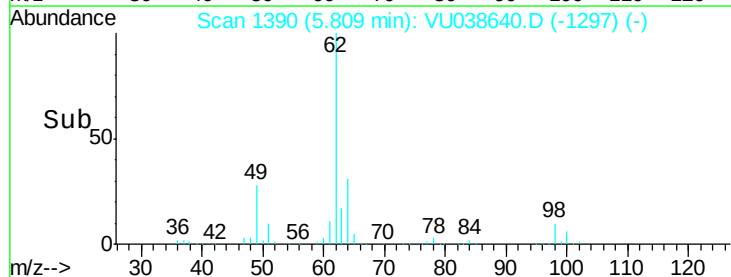
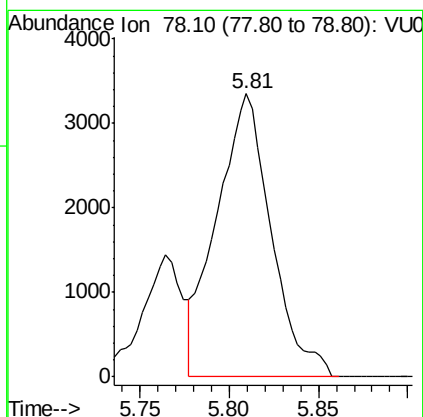
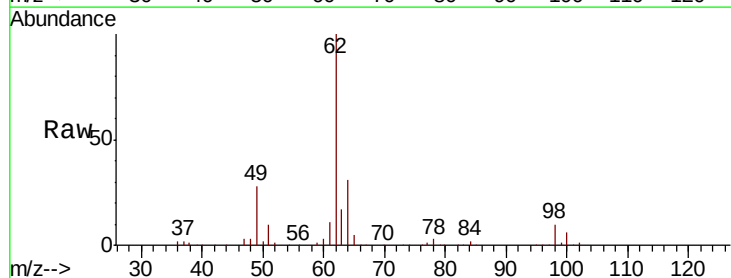
#27
 1,2-Dichloroethane
 Concen: 29.855 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU038640.D
 Acq: 07 Jun 2020 01:21

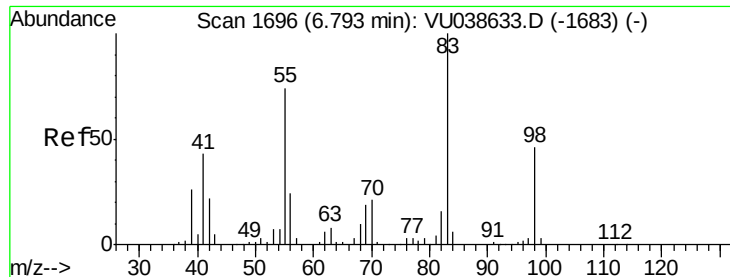
Instrument :
 MSVOA_U
 ClientSampled :
 F9D03

Tot Ion: 62 Resp: 773402
 Ion Ratio Lower Upper
 62 100
 98 9.5 7.4 11.2



#33
 Benzene
 Concen: 0.084 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU038640.D
 Acq: 07 Jun 2020 01:21
 Tgt Ion: 78 Resp: 7128

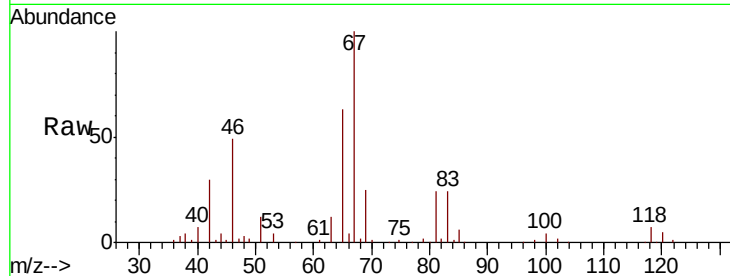




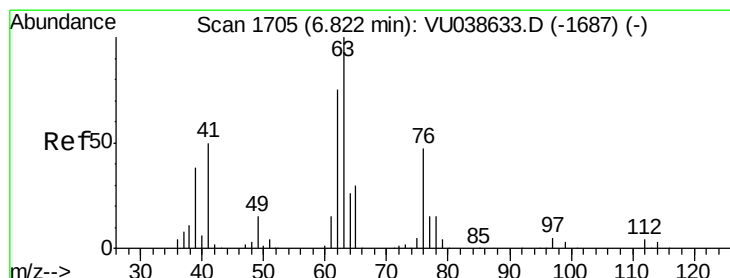
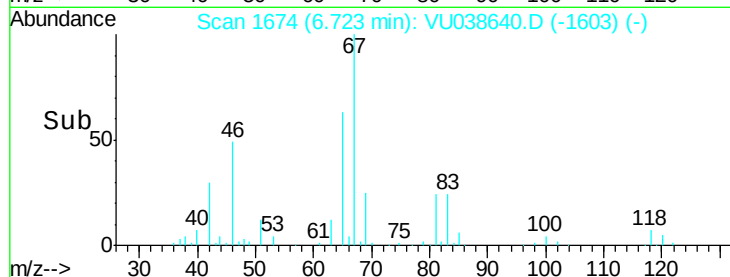
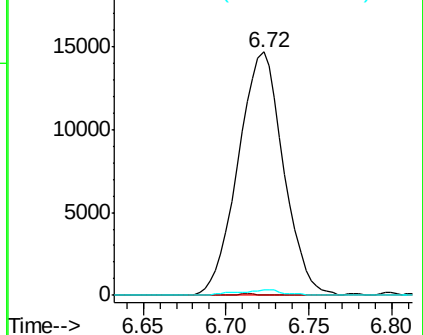
#35
Methylvlcyclohexane
Concen: 0.817 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038640.D
Acq: 07 Jun 2020 01:21

Instrument :
MSVOA_U
ClientSampleId :
F9D03

Tot Ion: 83 Resp: 27869
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 2.3 39.0 58.4#

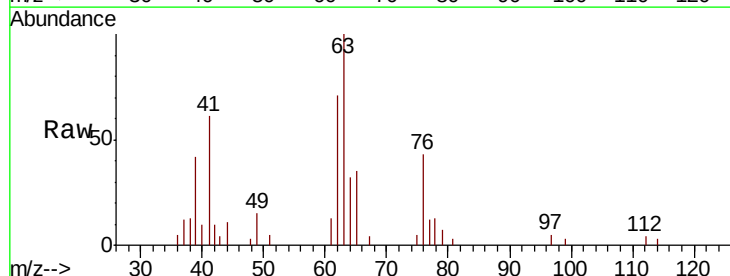


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

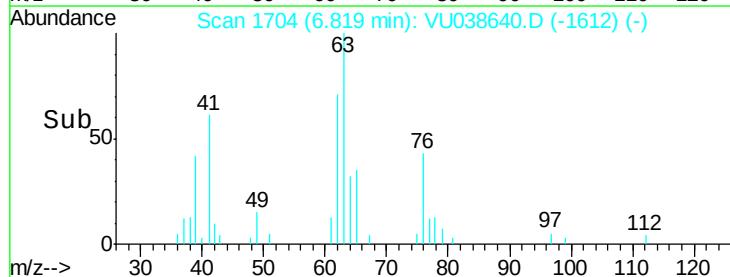
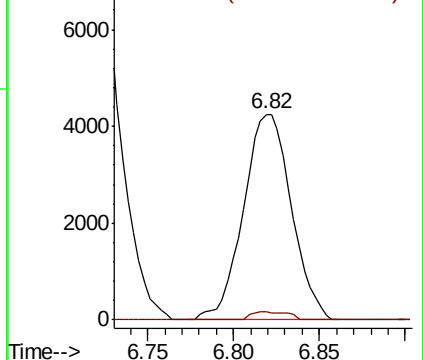


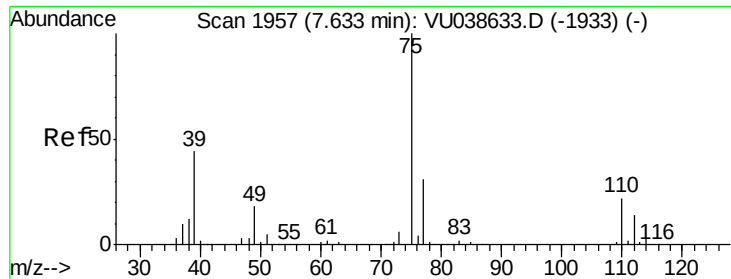
#37
1,2-Dichloropropane
Concen: 0.385 ug/L
RT: 6.82 min Scan# 1704
Delta R.T. -0.00 min
Lab File: VU038640.D
Acq: 07 Jun 2020 01:21

Tgt Ion: 63 Resp: 8223
Ion Ratio Lower Upper
63 100
112 3.1 3.7 5.5#



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

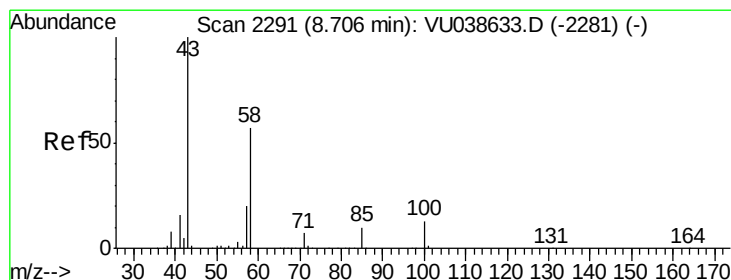
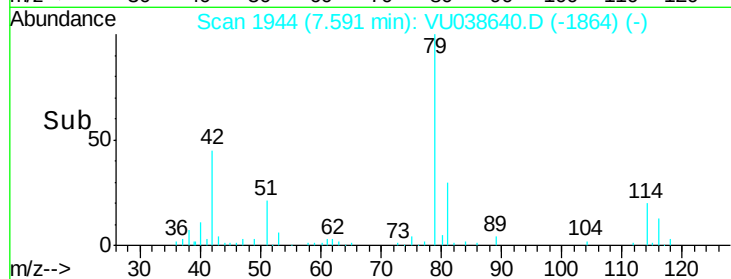
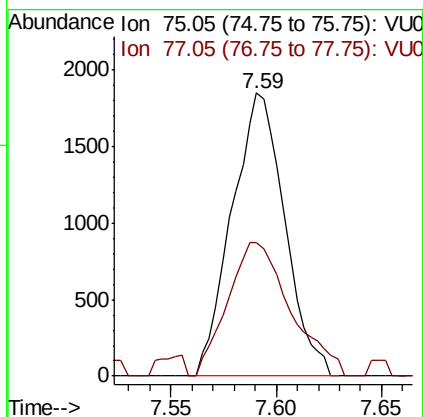
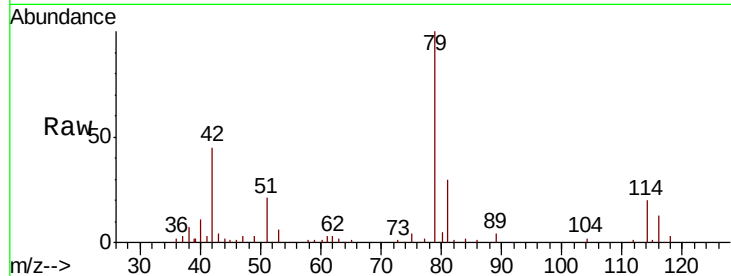




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038640.D
 Acq: 07 Jun 2020 01:21

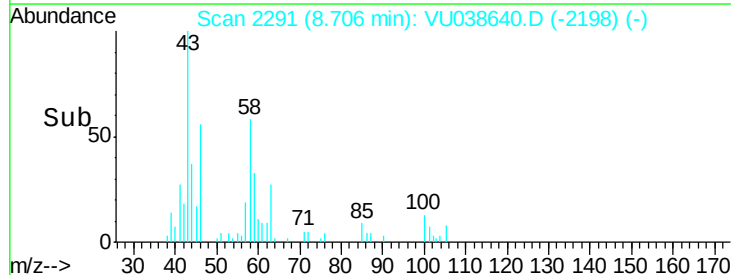
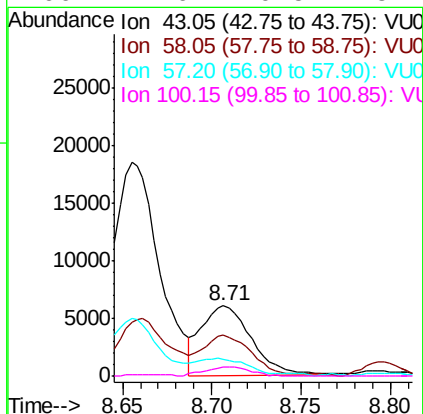
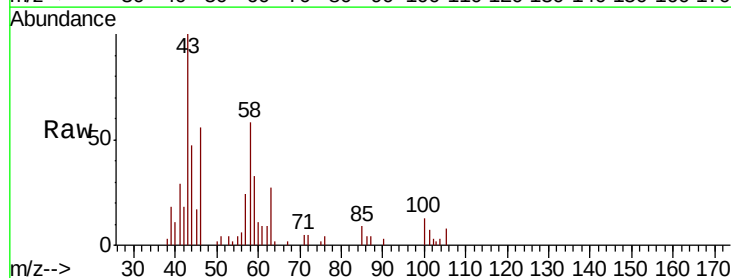
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D03

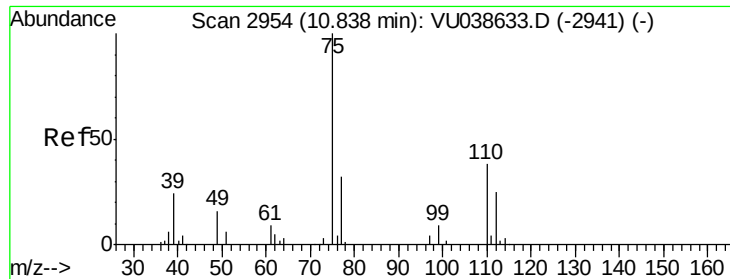
Tot Ion: 75 Resp: 3220
 Ion Ratio Lower Upper
 75 100
 77 47.3 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.033 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038640.D
 Acq: 07 Jun 2020 01:21

Tgt Ion: 43 Resp: 11949
 Ion Ratio Lower Upper
 43 100
 58 55.9 45.4 68.0
 57 21.1 15.9 23.9
 100 11.6 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 1.195 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038640.D

Acq: 07 Jun 2020 01:21

Instrument :

MSVOA_U

ClientSampleId :

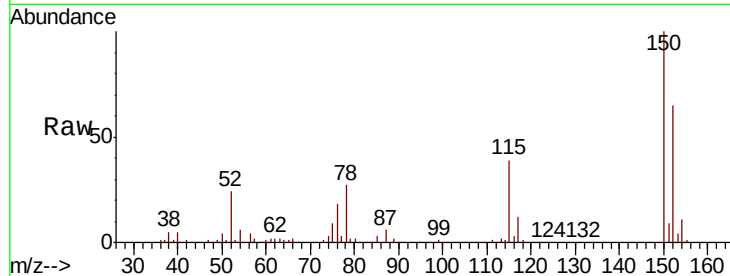
F9D03

Tot Ion: 75 Resp: 19050

Ion Ratio Lower Upper

75 100

77 38.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.82

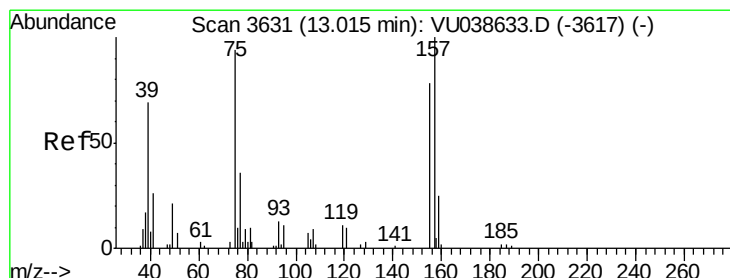
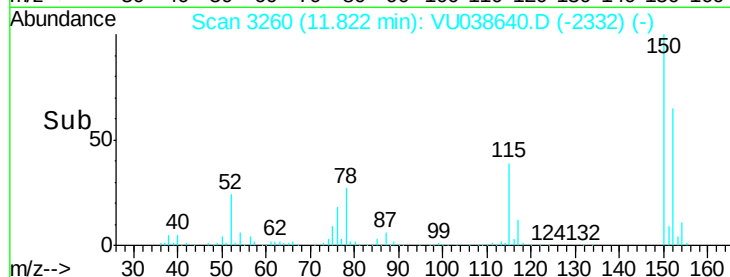
15000

10000

5000

0

Time--> 11.75 11.80 11.85



#66

1,2-Dibromo-3-chloropropane

Concen: 0.179 ug/L

RT: 12.80 min Scan# 3563

Delta R.T. -0.22 min

Lab File: VU038640.D

Acq: 07 Jun 2020 01:21

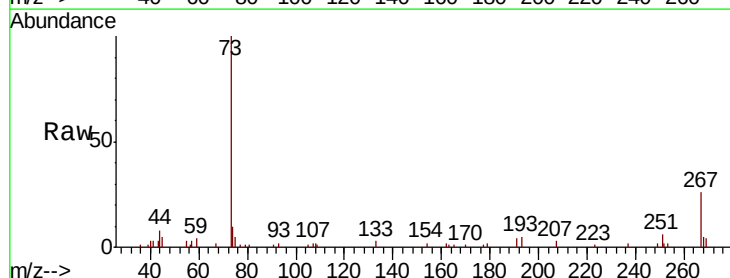
Tgt Ion: 75 Resp: 596

Ion Ratio Lower Upper

75 100

155 0.0 59.6 89.4#

157 0.0 79.8 119.6#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

12.80

600

500

400

300

200

100

0

Time--> 12.76 12.78 12.80 12.82

