

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039109.D
 Acq On : 25 Jun 2020 12:34
 Operator : SY/MD
 Sample : L3104-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q00

Quant Time: Jun 26 01:01:13 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	252920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	253140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	108875	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89168	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.93	69	83217	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.59	63	136084	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.68	46	388832	58.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.34%
24) Chloroform-d	5.10	84	195942	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.74	65	121272	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.76	84	375107	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.72	67	125138	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.92	98	283917	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	50139	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.65	63	288896	54.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106193	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	113799	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

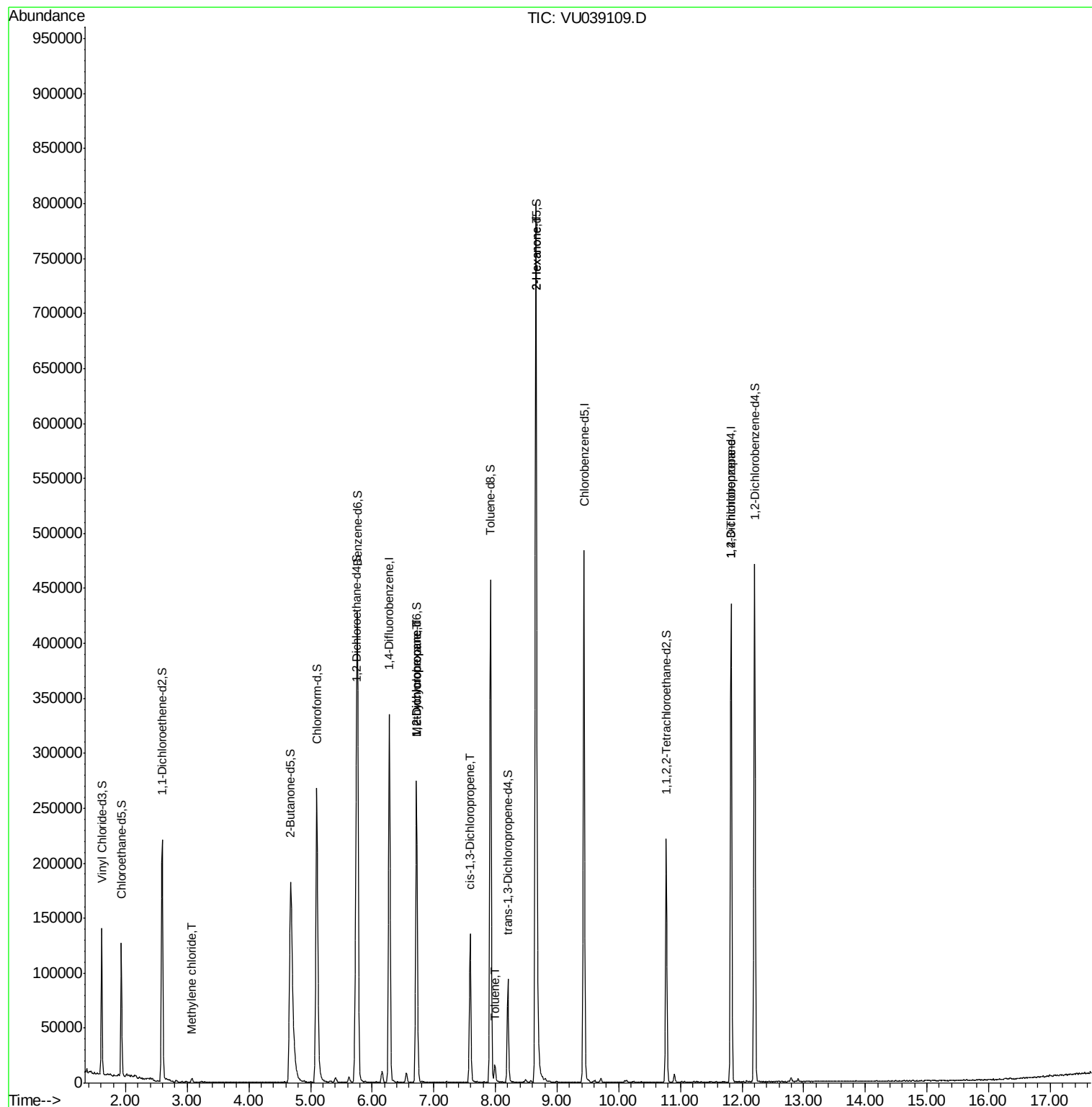
					Ovalue
16) Methylene chloride	3.07	84	1433	0.066 ug/L	91
35) Methylcyclohexane	6.72	83	30437	1.066 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13698	0.636 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3497	0.117 ug/L #	60
42) Toluene	7.99	91	10201	0.129 ug/L	98
48) 2-Hexanone	8.65	43	38526	3.268 ug/L #	70
59) 1,2,3-Trichloropropane	11.82	75	14861	0.915 ug/L #	88

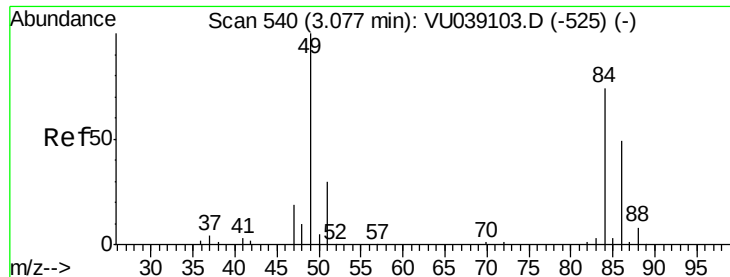
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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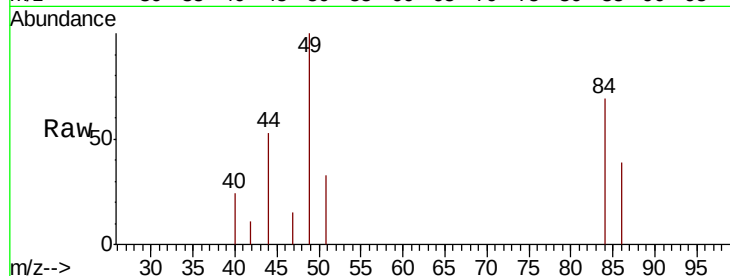




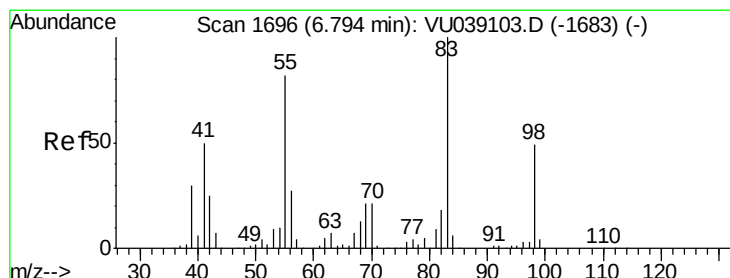
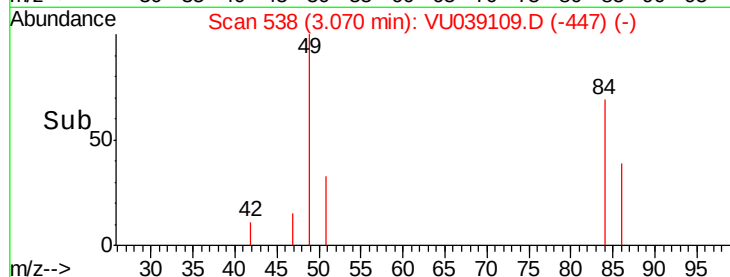
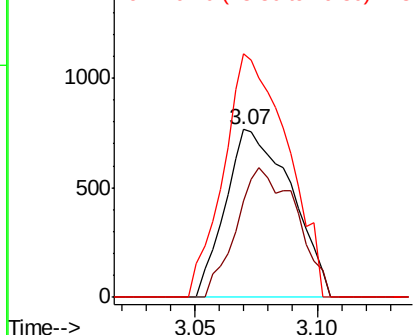
#16
Methvlene chloride
Concen: 0.066 ug/L
RT: 3.07 min Scan# 538
Delta R.T. -0.01 min
Lab File: VU039109.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_U
ClientSampleId :
F9Q00

Tot Ion: 84 Resp: 1433
Ion Ratio Lower Upper
84 100
86 57.2 44.1 81.9
49 145.3 93.1 172.9

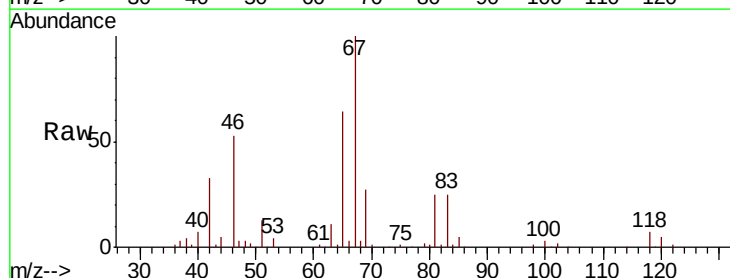


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

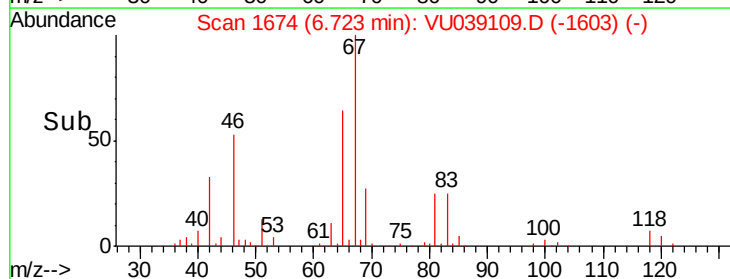
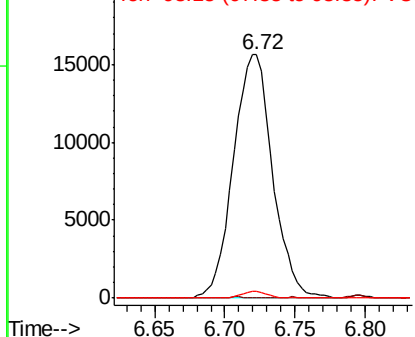


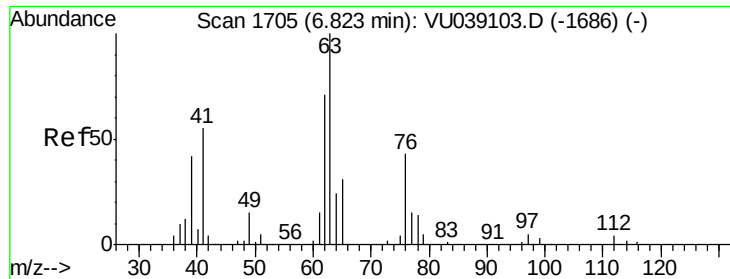
#35
Methylcyclohexane
Concen: 1.066 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039109.D
Acq: 25 Jun 2020 12:34

Tgt Ion: 83 Resp: 30437
Ion Ratio Lower Upper
83 100
55 0.1 65.5 98.3#
98 1.7 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

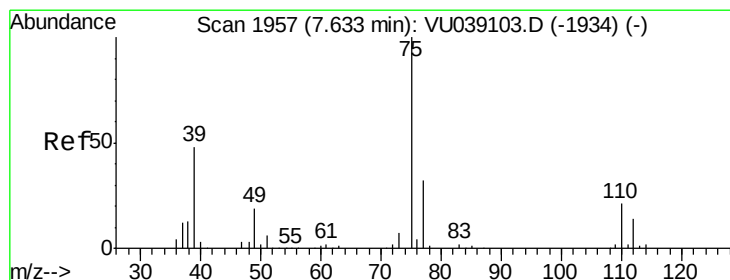
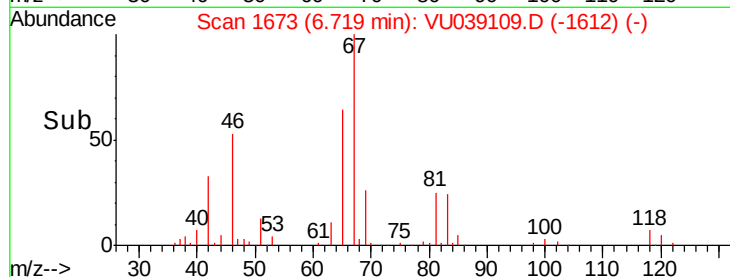
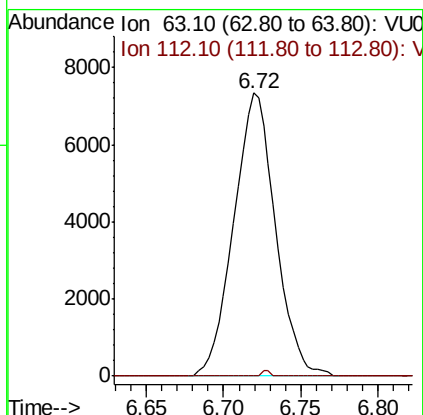
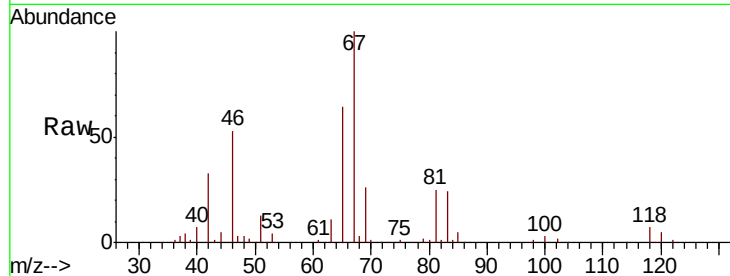




#37
 1,2-Dichloropropane
 Concen: 0.636 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039109.D
 Acq: 25 Jun 2020 12:34

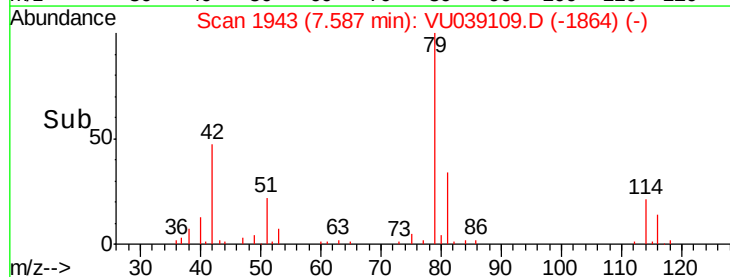
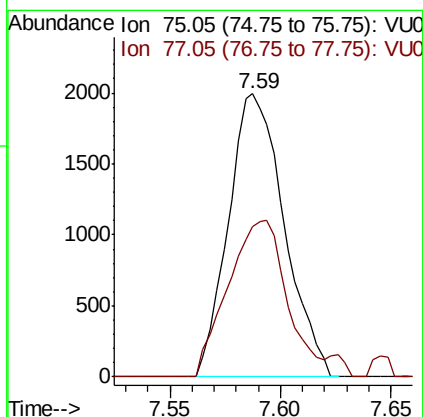
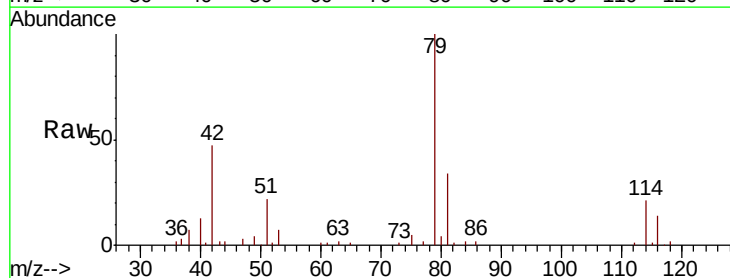
Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q00

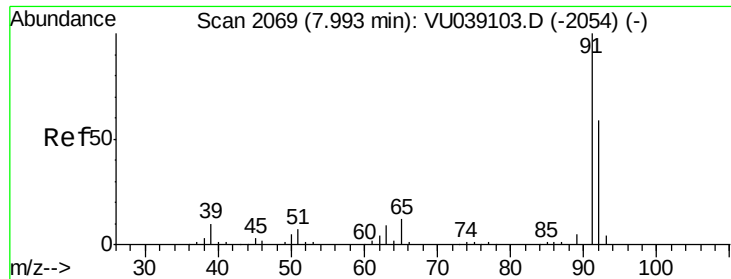
Tot Ion: 63 Resp: 13698
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039109.D
 Acq: 25 Jun 2020 12:34

Tgt Ion: 75 Resp: 3497
 Ion Ratio Lower Upper
 75 100
 77 52.9 21.6 40.0#





#42

Toluene

Concen: 0.129 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU039109.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_U

ClientSampleId :

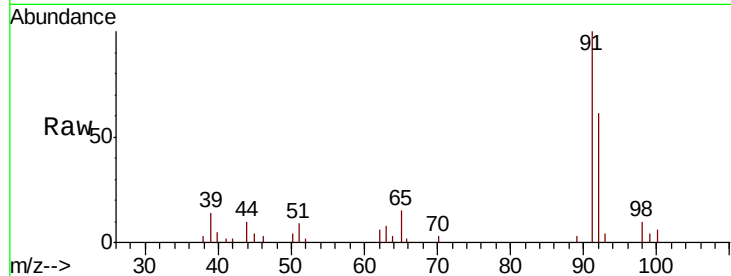
F9Q00

Tot Ion: 91 Resp: 10201

Ion Ratio Lower Upper

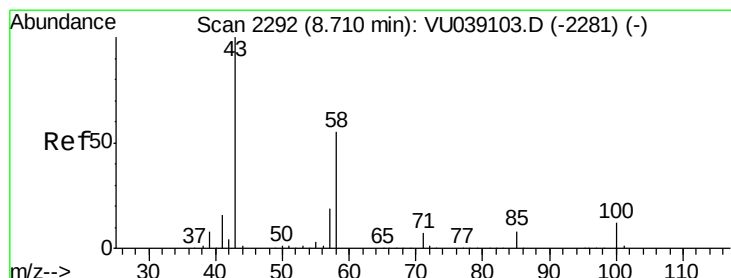
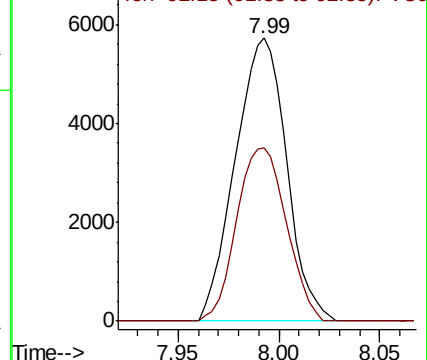
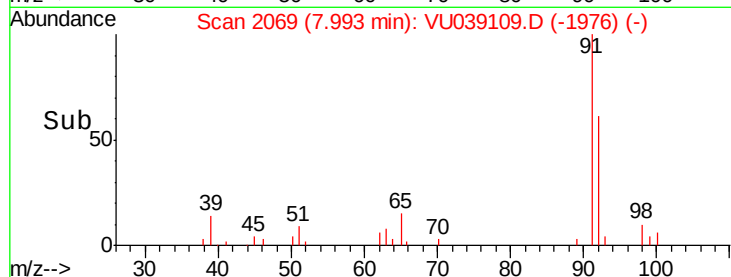
91 100

92 61.4 42.1 78.1



Abundance Ion 91.15 (90.85 to 91.85): VU039109.D (-1976) (-)

Ion 92.15 (91.85 to 92.85): VU039109.D (-1976) (-)



#48

2-Hexanone

Concen: 3.268 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.06 min

Lab File: VU039109.D

Acq: 25 Jun 2020 12:34

Tgt Ion: 43 Resp: 38526

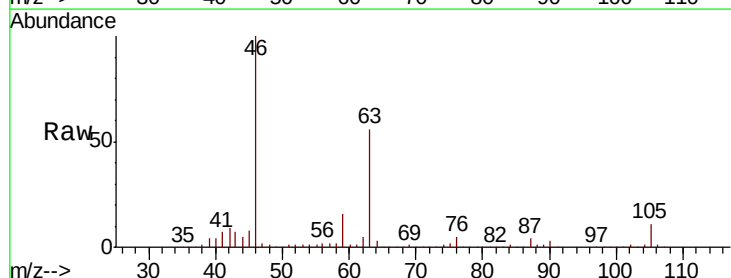
Ion Ratio Lower Upper

43 100

58 29.8 44.0 66.0#

57 26.7 15.0 22.6#

100 0.7 9.4 14.2#

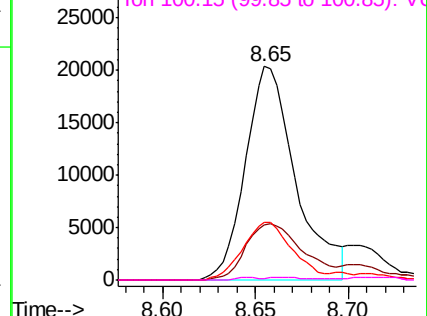
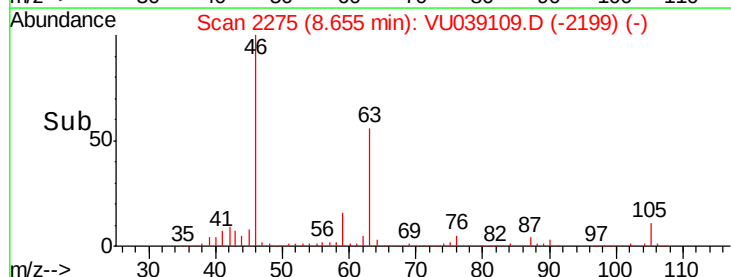


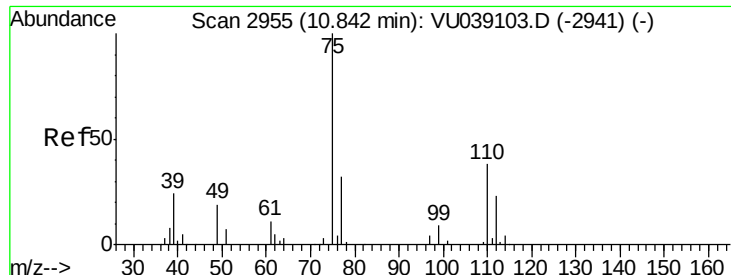
Abundance Ion 43.05 (42.75 to 43.75): VU039109.D (-2199) (-)

Ion 58.05 (57.75 to 58.75): VU039109.D (-2199) (-)

Ion 57.20 (56.90 to 57.90): VU039109.D (-2199) (-)

Ion 100.15 (99.85 to 100.85): VU039109.D (-2199) (-)





#59

1,2,3-Trichloropropane

Concen: 0.915 ug/L

RT: 11.82 min Scan# 3259

Delta R.T. 0.98 min

Lab File: VU039109.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_U

ClientSampleId :

F9Q00

Tot Ion: 75 Resp: 14861

Ion Ratio Lower Upper

75 100

77 39.7 26.2 39.2#

