

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039929.D
 Acq On : 21 Aug 2020 15:14
 Operator : SY/MD
 Sample : L3777-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y23

Quant Time: Aug 22 00:48:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70829	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68256	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30401	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27707	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.92	69	26220	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	39334	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.65	46	104051	52.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.26%
24) Chloroform-d	5.08	84	57036	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.72	65	34211	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	108751	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.70	67	37949	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.91	98	86873	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.19	79	14142	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.64	63	77327	54.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29781	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	35658	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

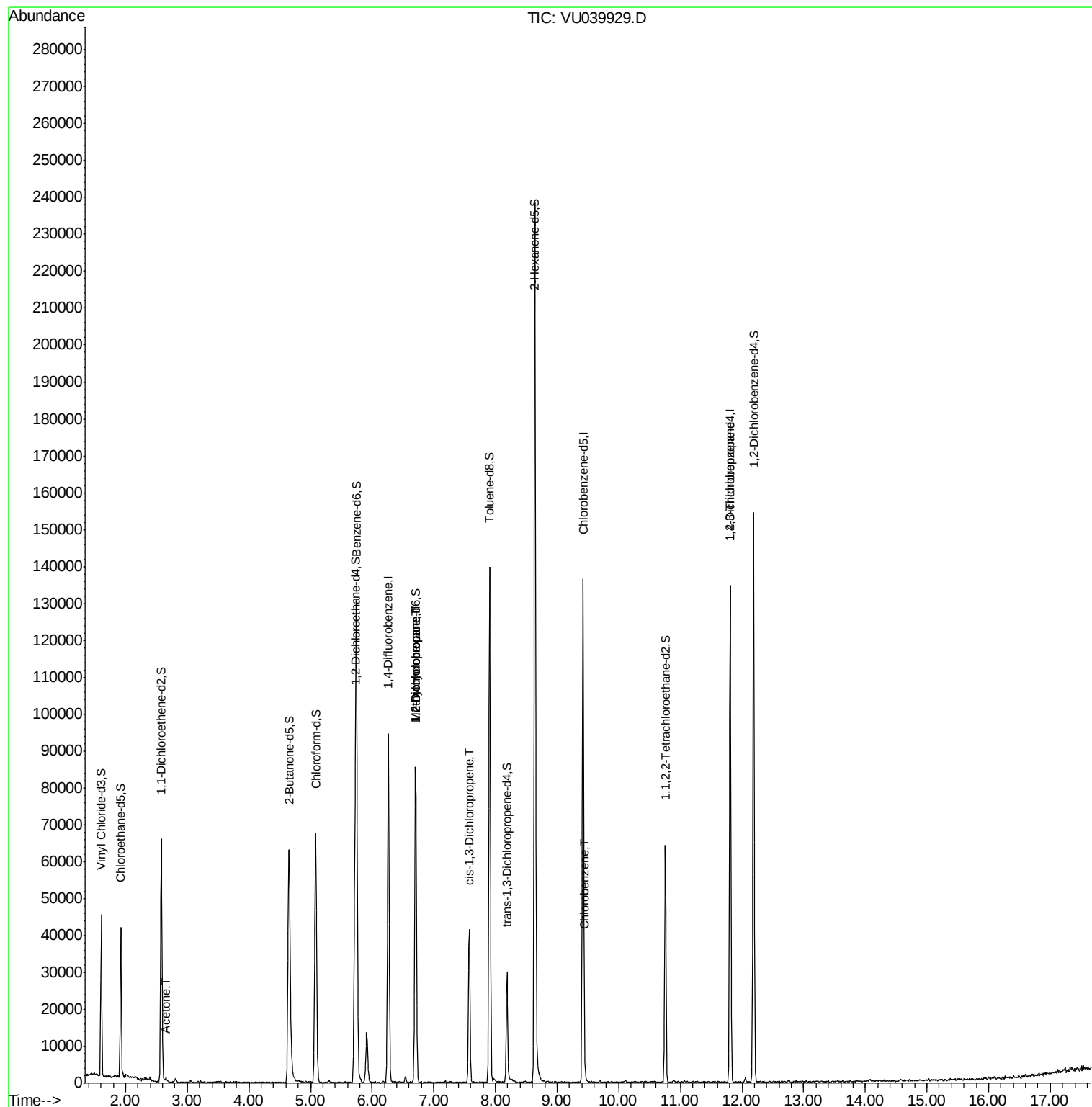
					Ovalue
13) Acetone	2.66	43	1303	0.964 ug/L #	50
35) Methylcyclohexane	6.70	83	8299	0.842 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4475	0.679 ug/L #	85
39) cis-1,3-Dichloropropene	7.58	75	1081	0.117 ug/L #	52
51) Chlorobenzene	9.45	112	1679	0.101 ug/L #	78
59) 1,2,3-Trichloropropane	11.81	75	4939	1.046 ug/L	96

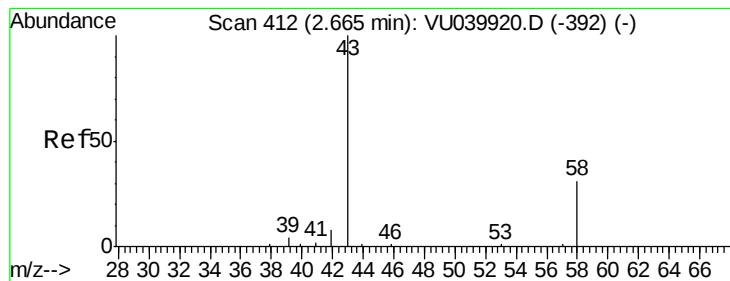
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.964 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU039929.D

Acq: 21 Aug 2020 15:14

Instrument :

MSVOA_U

ClientSampleId :

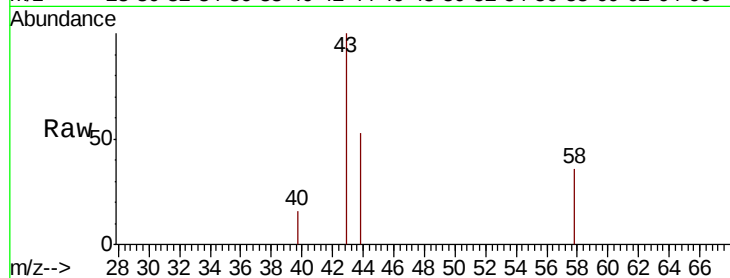
F4Y23

Tot Ion: 43 Resp: 1303

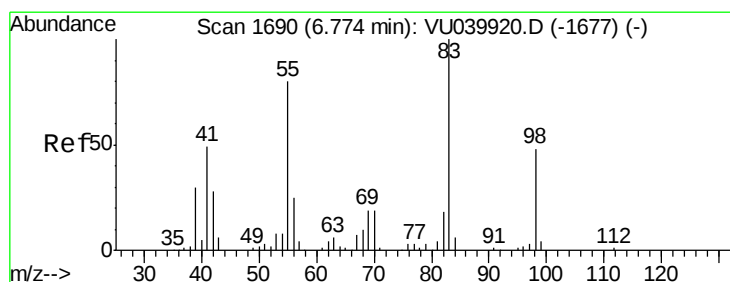
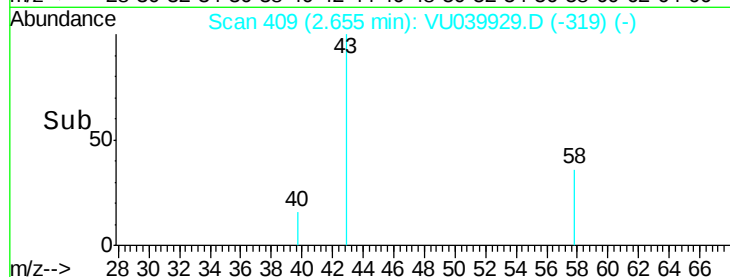
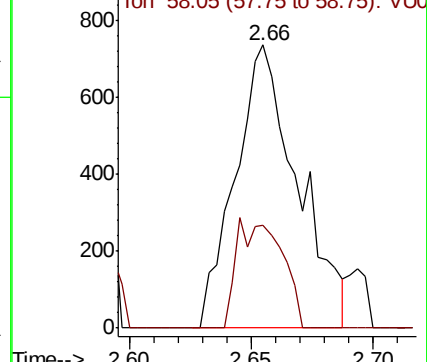
Ion Ratio Lower Upper

43 100

58 27.9 0.0 19.0#



Abundance Ion 43.05 (42.75 to 43.75): VU039929.D (-319) (-)



#35

Methylcyclohexane

Concen: 0.842 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039929.D

Acq: 21 Aug 2020 15:14

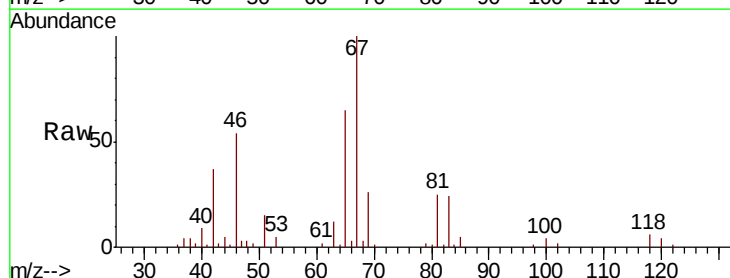
Tgt Ion: 83 Resp: 8299

Ion Ratio Lower Upper

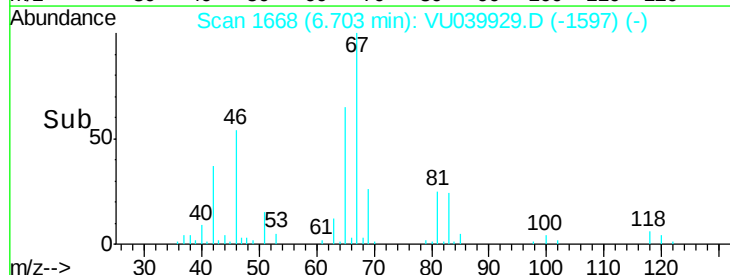
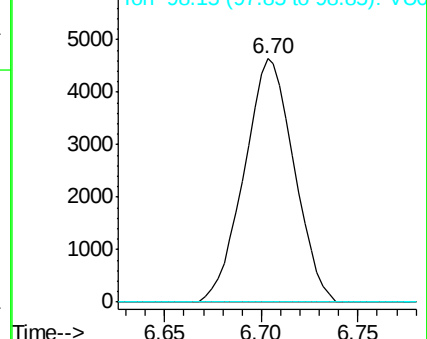
83 100

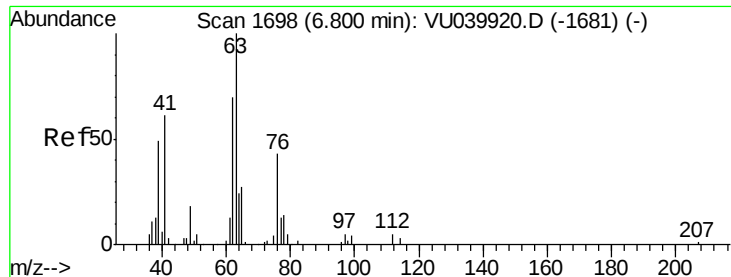
55 0.0 64.1 96.1#

98 0.7 39.4 59.0#



Abundance Ion 83.15 (82.85 to 83.85): VU039929.D (-1597) (-)

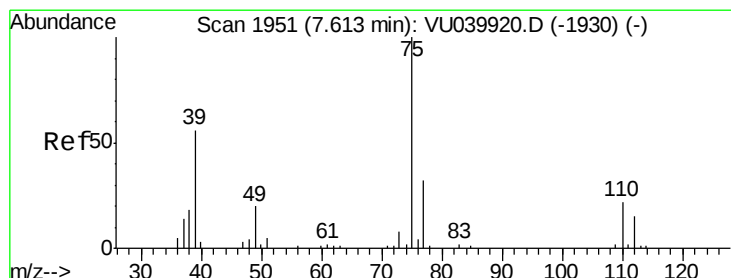
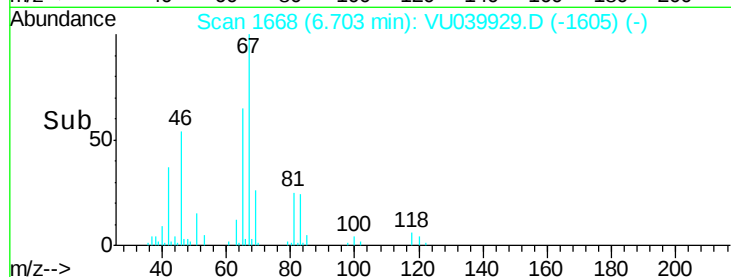
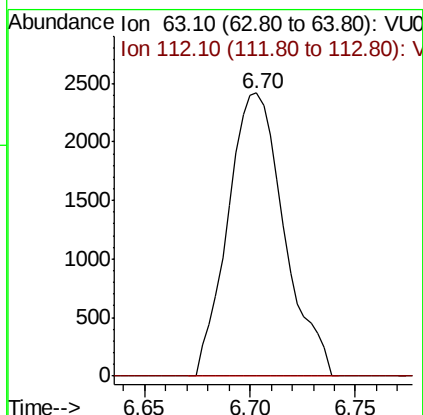
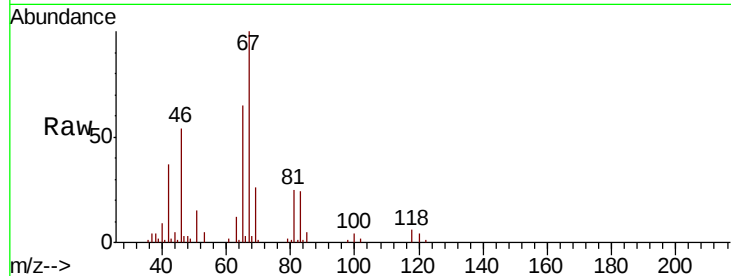




#37
 1,2-Dichloropropane
 Concen: 0.679 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039929.D
 Acq: 21 Aug 2020 15:14

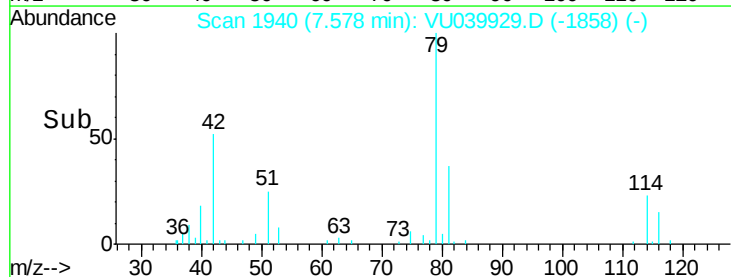
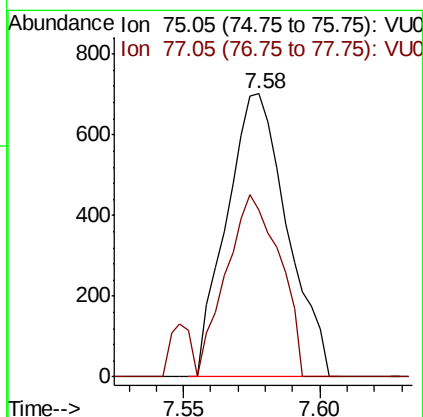
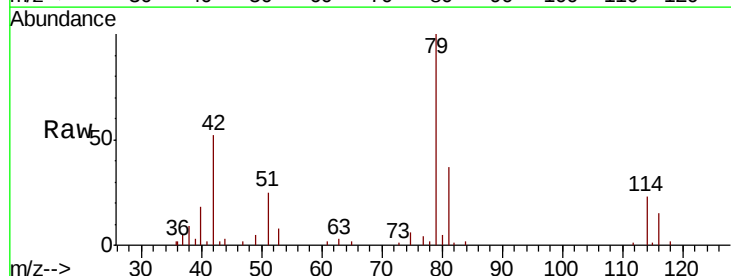
Instrument :
 MSVOA_U
 ClientSampled :
 F4Y23

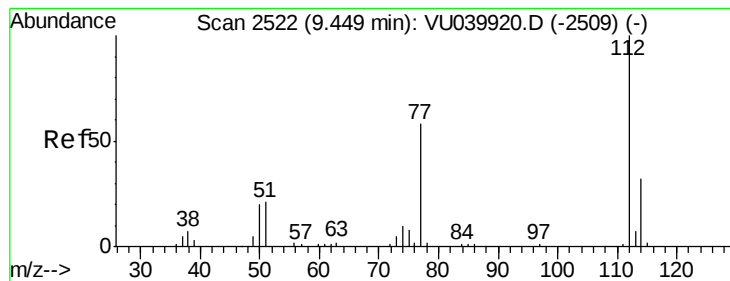
Tot Ion: 63 Resp: 4475
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039929.D
 Acq: 21 Aug 2020 15:14

Tgt Ion: 75 Resp: 1081
 Ion Ratio Lower Upper
 75 100
 77 59.0 22.6 42.0#





#51

Chlorobenzene

Concen: 0.101 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039929.D

Acq: 21 Aug 2020 15:14

Instrument :

MSVOA_U

ClientSampleId :

F4Y23

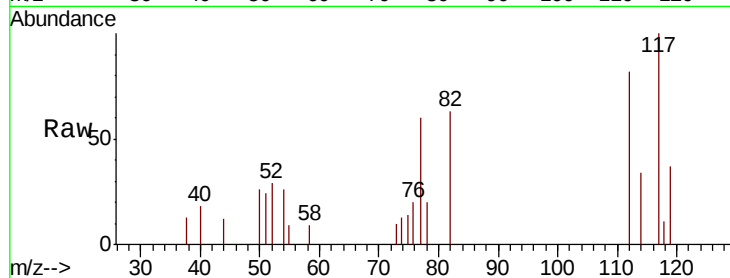
Tot Ion:112 Resp: 1679

Ion Ratio Lower Upper

112 100

114 41.9 21.8 40.4#

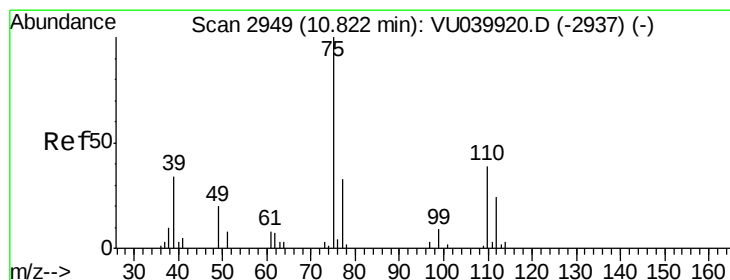
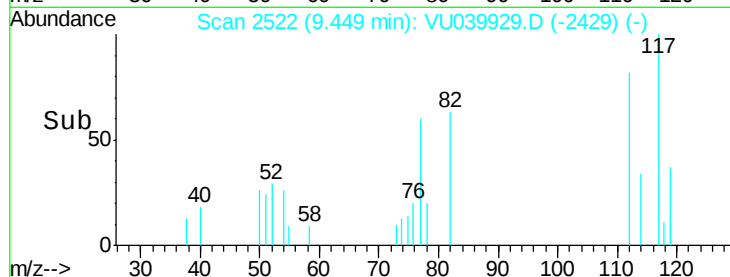
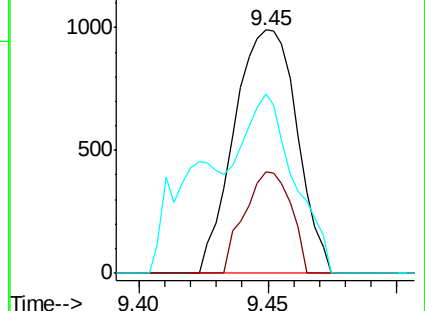
77 73.6 45.4 68.0#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0



#59

1,2,3-Trichloropropane

Concen: 1.046 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039929.D

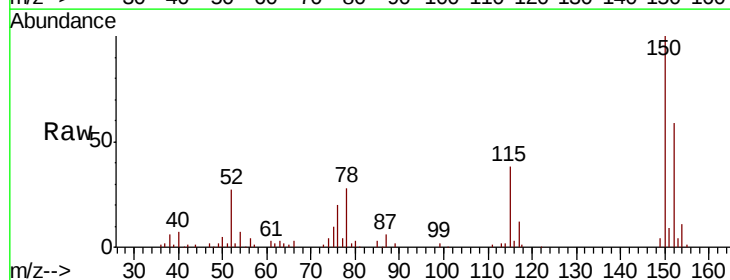
Acq: 21 Aug 2020 15:14

Tgt Ion: 75 Resp: 4939

Ion Ratio Lower Upper

75 100

77 36.8 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

