

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072020\
 Data File : VU039578.D
 Acq On : 20 Jul 2020 18:20
 Operator : SY/MD
 Sample : L3346-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C39

Quant Time: Jul 21 06:06:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 06:02:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	96073	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	93236	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19589	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.92	69	26484	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.58	63	33311	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.65	46	120889	47.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	5.08	84	57797	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	38232	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.75	84	107754	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.71	67	38613	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	94836	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.19	79	15133	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	86685	41.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.92%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34135	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	38906	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

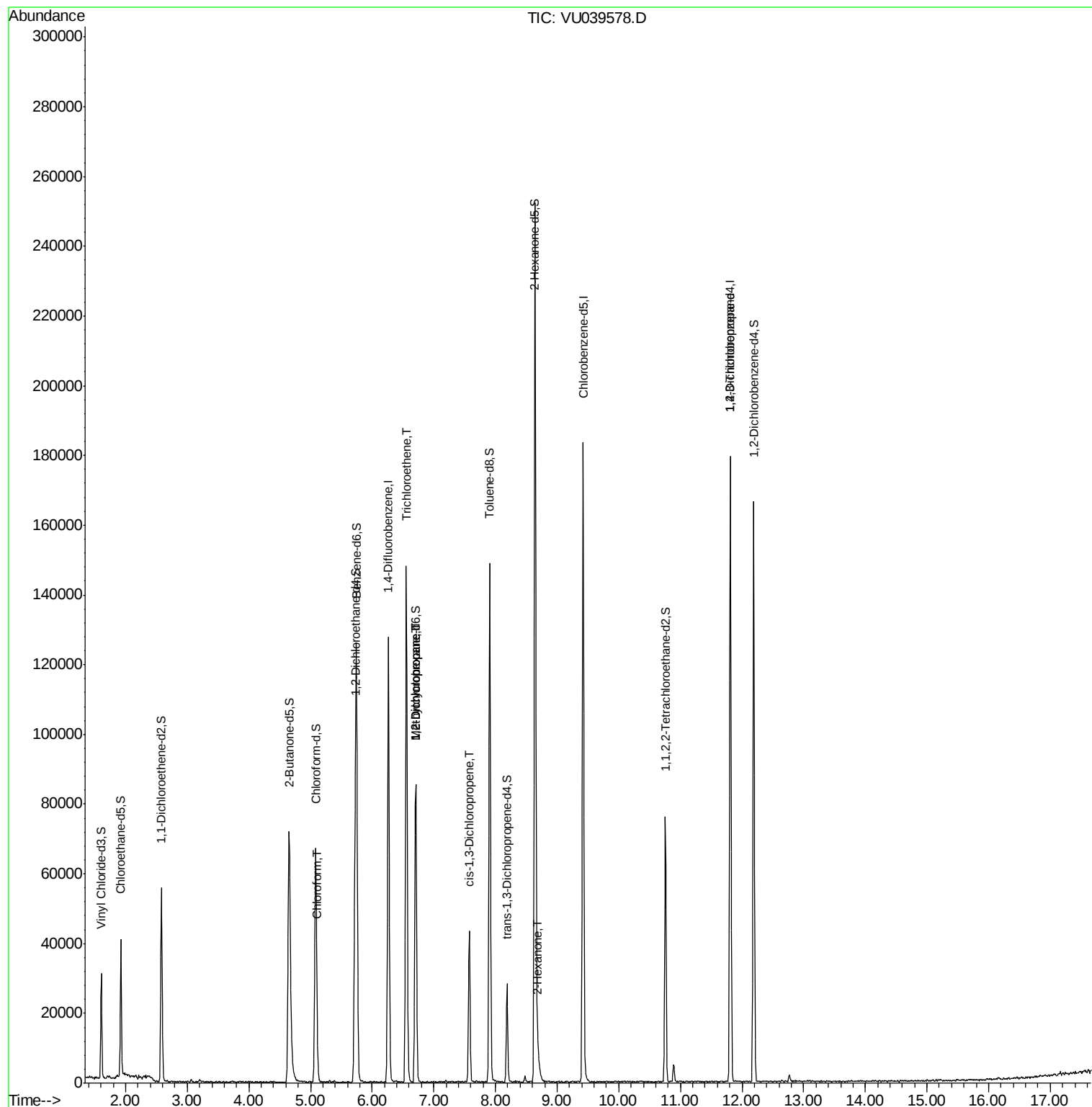
					Ovalue
25) Chloroform	5.11	83	3695	0.296 ug/L	91
34) Trichloroethene	6.56	95	48411	6.718 ug/L	97
35) Methylcyclohexane	6.71	83	8665	0.751 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4129	0.543 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1356	0.118 ug/L #	82
48) 2-Hexanone	8.70	43	4621	0.989 ug/L #	84
59) 1,2,3-Trichloropropane	11.81	75	6425	1.147 ug/L	92

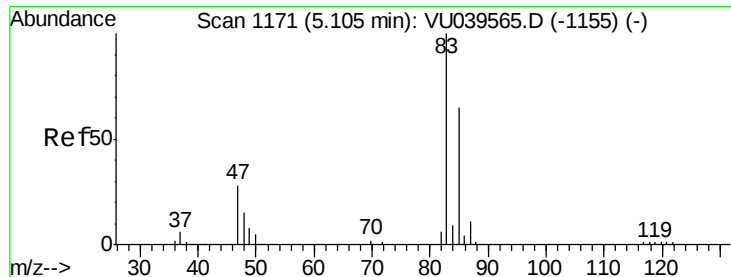
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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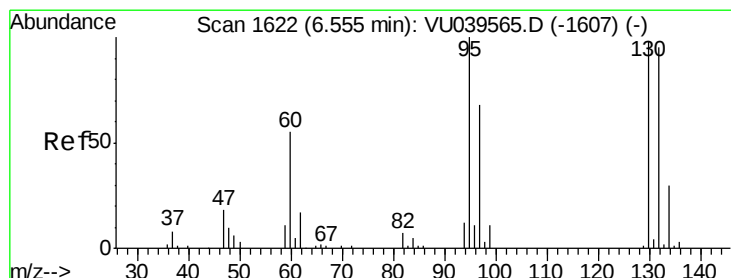
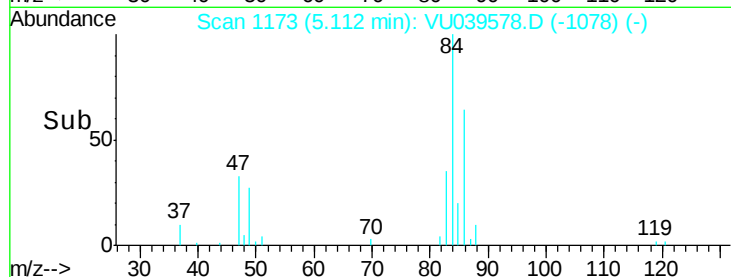
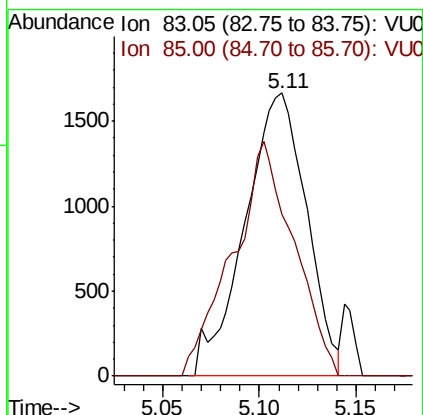
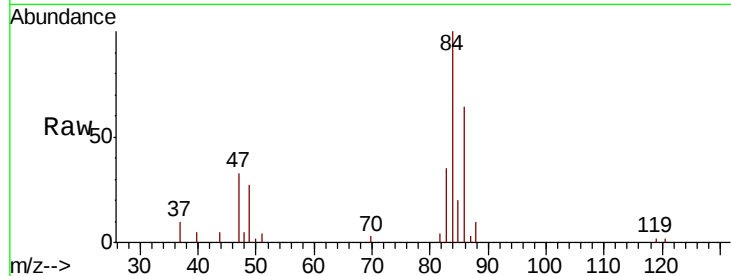




#25
Chloroform
Concen: 0.296 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039578.D
Acq: 20 Jul 2020 18:20

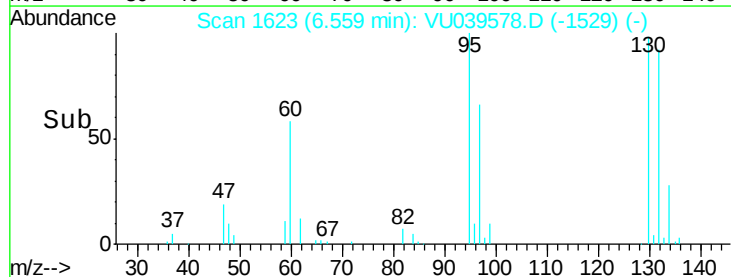
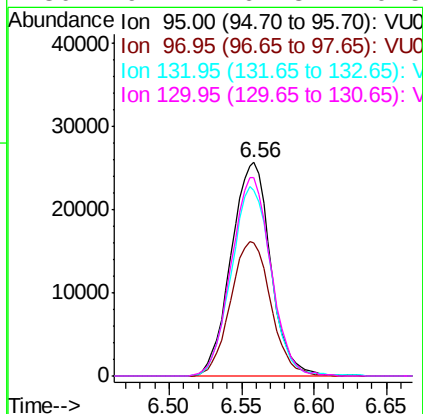
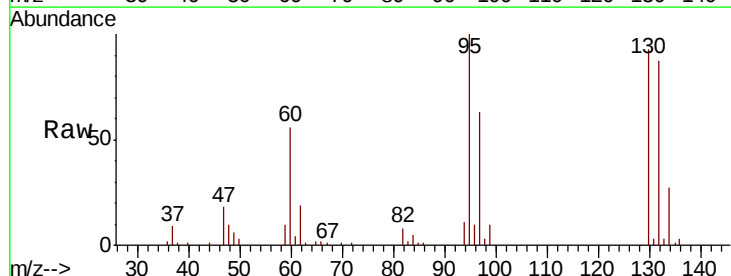
Instrument :
MSVOA_U
ClientSampleId :
F4C39

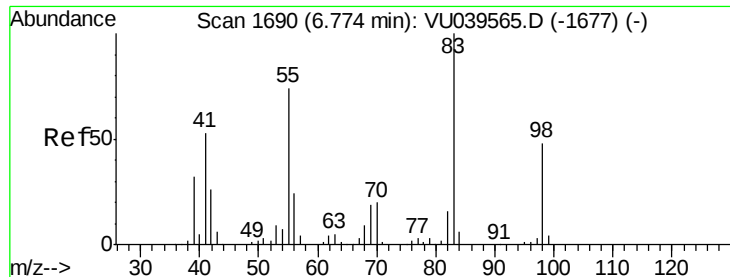
Tot Ion: 83 Resp: 3695
Ion Ratio Lower Upper
83 100
85 57.4 44.9 83.5



#34
Trichloroethene
Concen: 6.718 ug/L
RT: 6.56 min Scan# 1623
Delta R.T. 0.00 min
Lab File: VU039578.D
Acq: 20 Jul 2020 18:20

Tgt Ion: 95 Resp: 48411
Ion Ratio Lower Upper
95 100
97 62.5 46.3 85.9
132 87.1 64.0 118.8
130 92.7 64.3 119.5

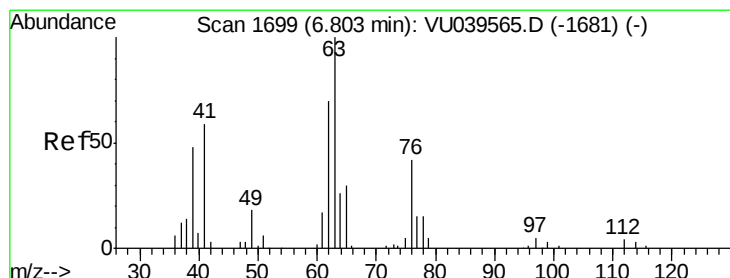
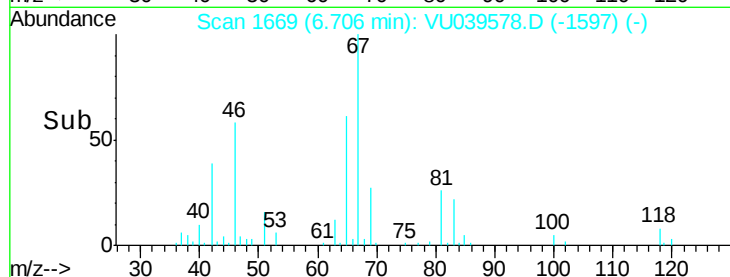
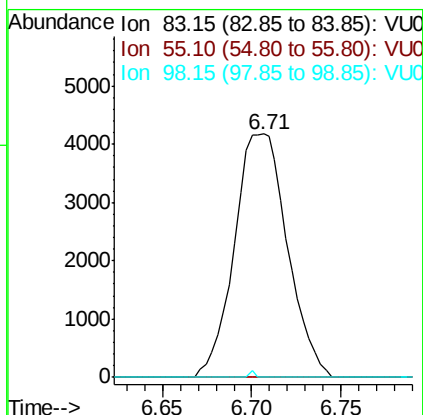
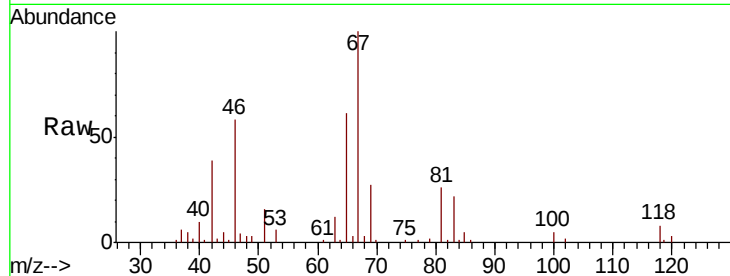




#35
Methvlcvclohexane
Concen: 0.751 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039578.D
Acq: 20 Jul 2020 18:20

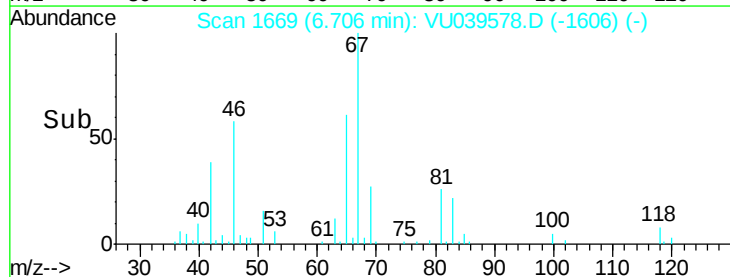
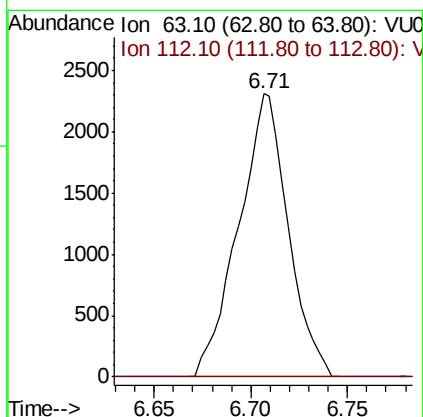
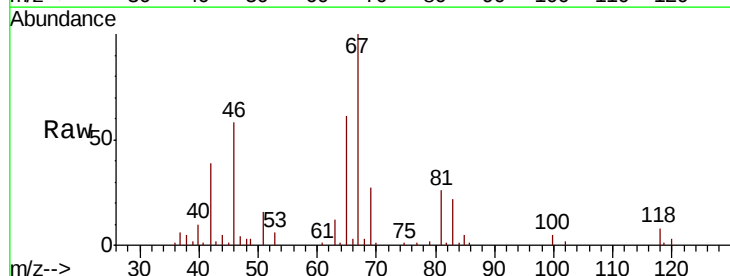
Instrument :
MSVOA_U
ClientSampled :
F4C39

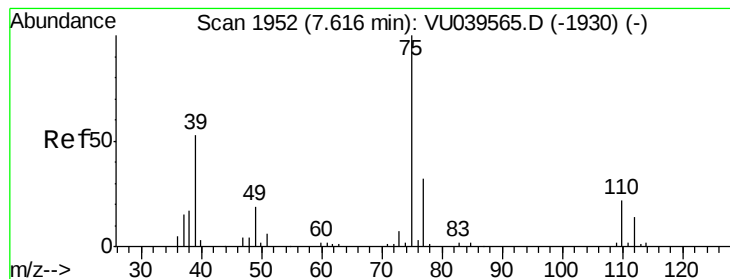
Tot Ion: 83 Resp: 8665
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039578.D
Acq: 20 Jul 2020 18:20

Tgt Ion: 63 Resp: 4129
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039578.D

Acq: 20 Jul 2020 18:20

Instrument :

MSVOA_U

ClientSampled :

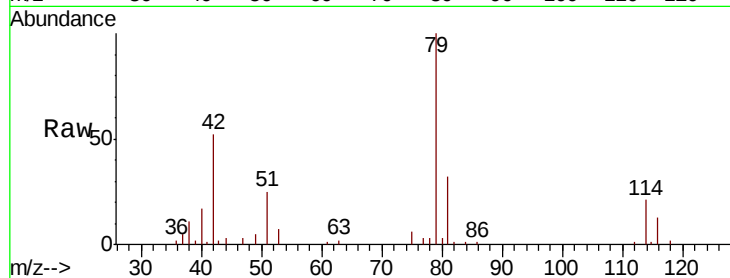
F4C39

Tot Ion: 75 Resp: 1356

Ion Ratio Lower Upper

75 100

77 41.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039565.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039565.D (-1930) (-)

7.58

800

600

400

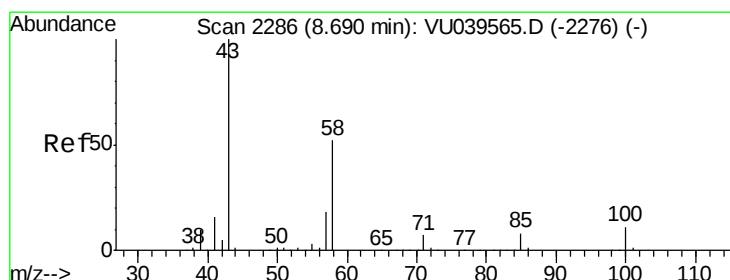
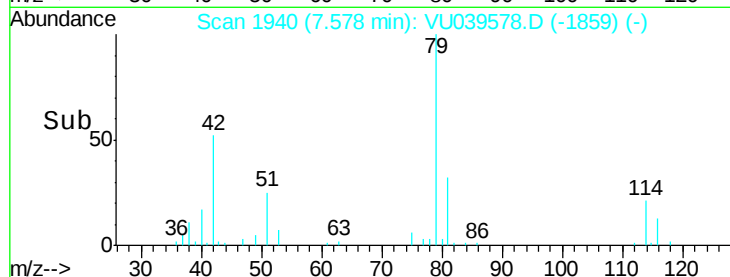
200

0

7.55

7.60

Time-->



#48

2-Hexanone

Concen: 0.989 ug/L

RT: 8.70 min Scan# 2288

Delta R.T. 0.01 min

Lab File: VU039578.D

Acq: 20 Jul 2020 18:20

Tgt Ion: 43 Resp: 4621

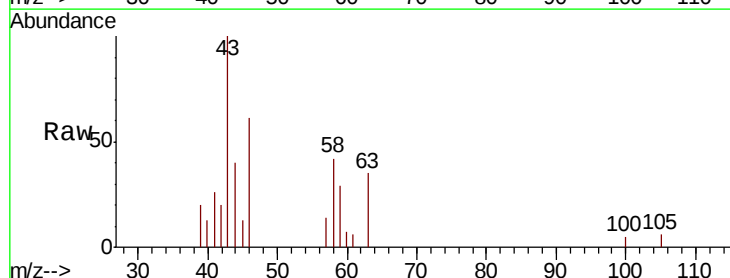
Ion Ratio Lower Upper

43 100

58 47.6 42.0 63.0

57 0.0 14.0 21.0#

100 1.1 8.2 12.2#



Abundance Ion 43.05 (42.75 to 43.75): VU039565.D (-2276) (-)

Ion 58.05 (57.75 to 58.75): VU039565.D (-2276) (-)

Ion 57.20 (56.90 to 57.90): VU039565.D (-2276) (-)

Ion 100.15 (99.85 to 100.85): VU039565.D (-2276) (-)

10000

8000

6000

4000

2000

0

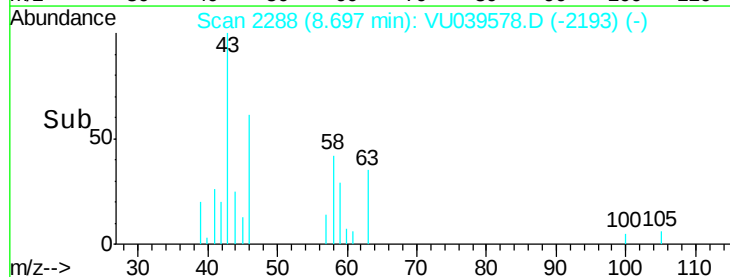
8.65

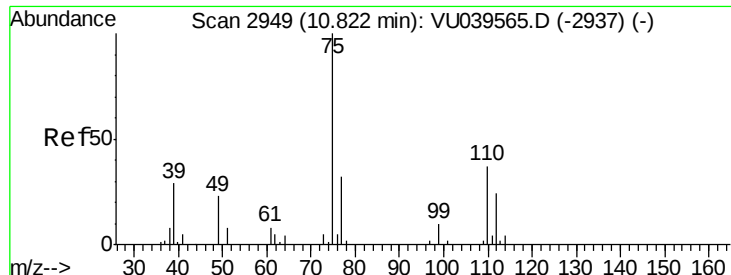
8.70

8.75

8.80

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.147 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039578.D

Acq: 20 Jul 2020 18:20

Instrument :

MSVOA_U

ClientSampleId :

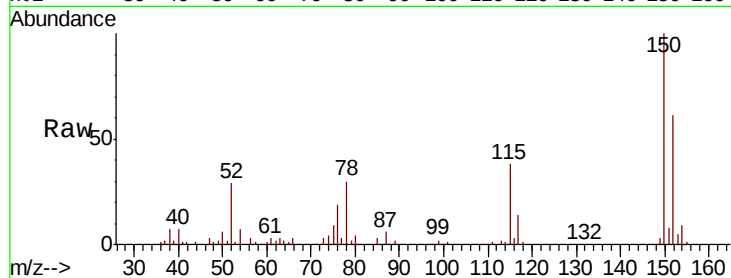
F4C39

Tot Ion: 75 Resp: 6425

Ion Ratio Lower Upper

75 100

77 37.9 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

