

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039113.D
 Acq On : 25 Jun 2020 14:06
 Operator : SY/MD
 Sample : L3110-06RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F21

Quant Time: Jun 26 01:01:43 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	249242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	256994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	108881	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85533	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	81590	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.59	63	131008	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.67	46	401158	60.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.80%
24) Chloroform-d	5.10	84	193772	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.74	65	117965	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.76	84	363477	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.72	67	125498	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.92	98	277439	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.20	79	49344	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.65	63	313048	58.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115494	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	111697	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

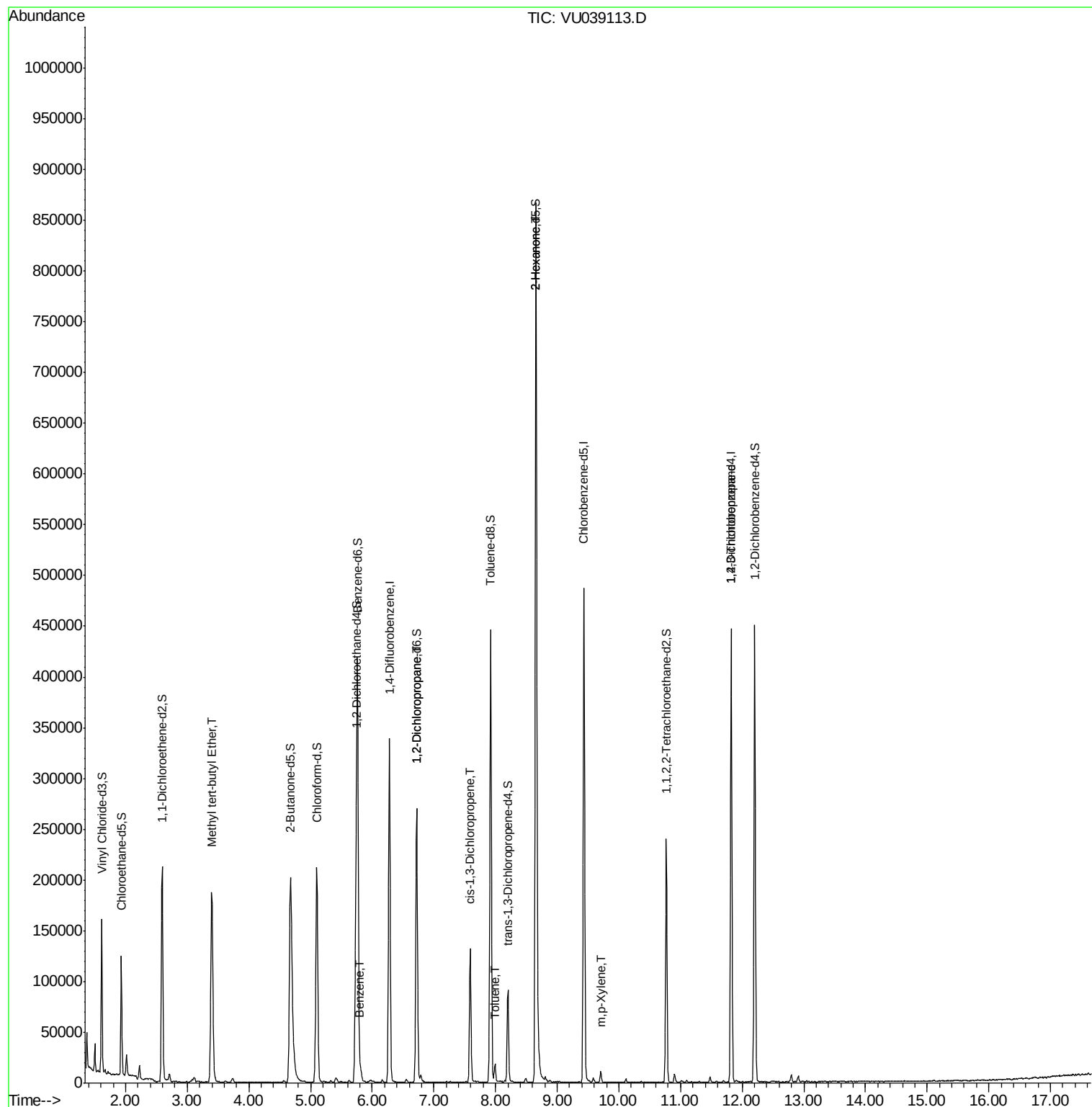
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
17) Methyl tert-butyl Ether	3.40	73	195112	3.970	ug/L	97
33) Benzene	5.81	78	9472	0.117	ug/L	100
37) 1,2-Dichloropropane	6.72	63	13748	0.628	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3136	0.103	ug/L #	70
42) Toluene	7.99	91	11169	0.139	ug/L	96
48) 2-Hexanone	8.65	43	44051	3.680	ug/L #	69
53) m,p-Xylene	9.70	106	3233	0.104	ug/L	97
59) 1,2,3-Trichloropropane	11.82	75	15272	0.926	ug/L	95

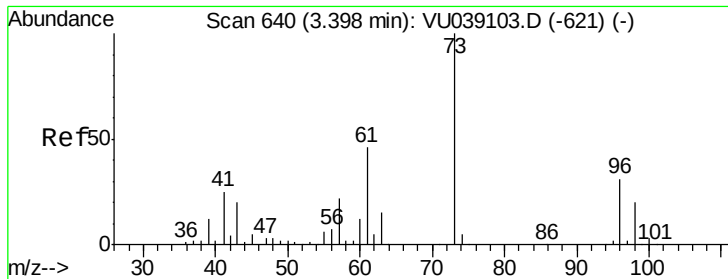
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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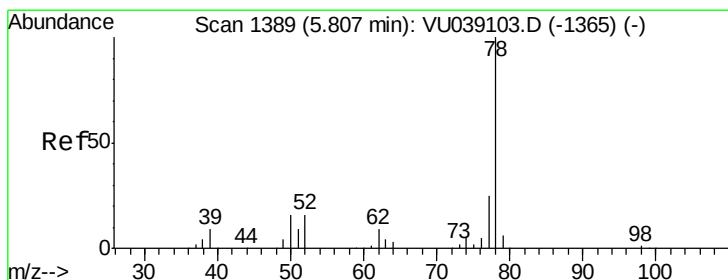
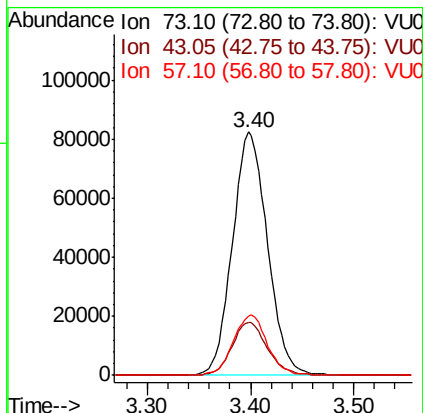
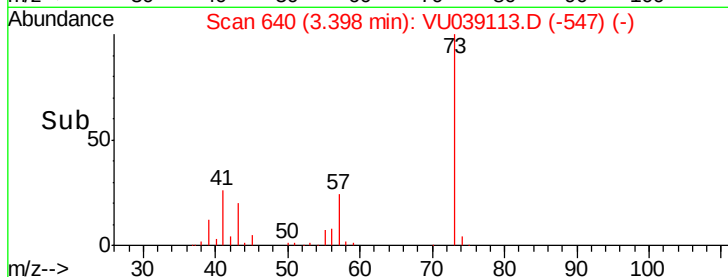
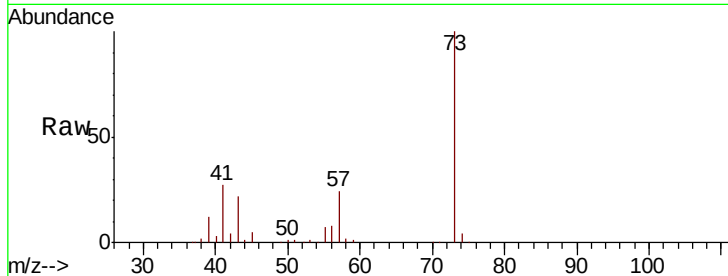




#17
Methvl tert-butvl Ether
Concen: 3.970 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU039113.D
Acq: 25 Jun 2020 14:06

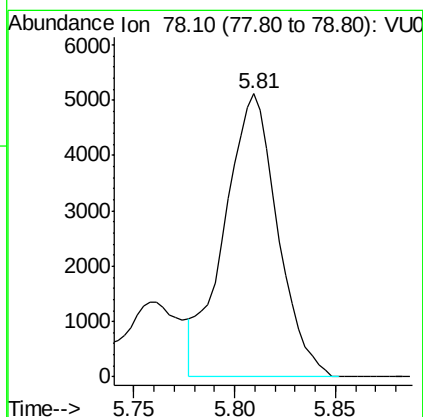
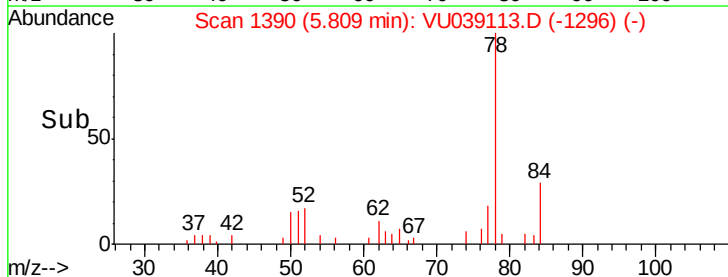
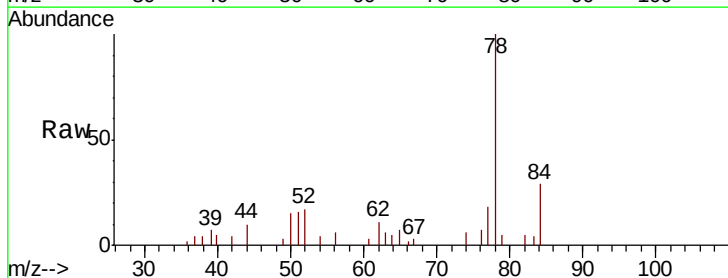
Instrument :
MSVOA_U
ClientSampled :
F9F21

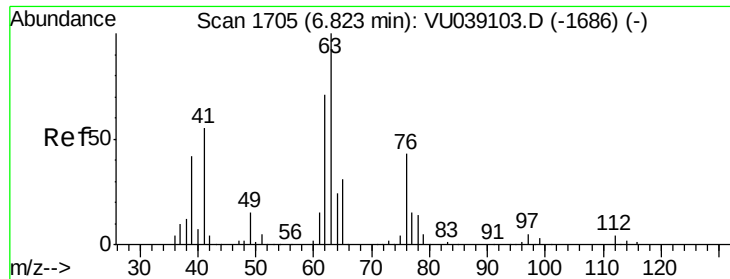
Tot Ion: 73 Resp: 195112
Ion Ratio Lower Upper
73 100
43 22.0 16.6 24.8
57 24.2 18.2 27.4



#33
Benzene
Concen: 0.117 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU039113.D
Acq: 25 Jun 2020 14:06

Tgt Ion: 78 Resp: 9472

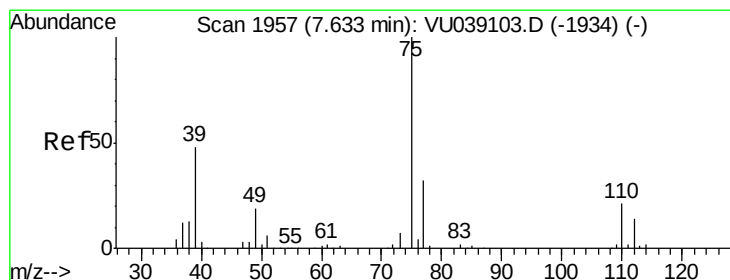
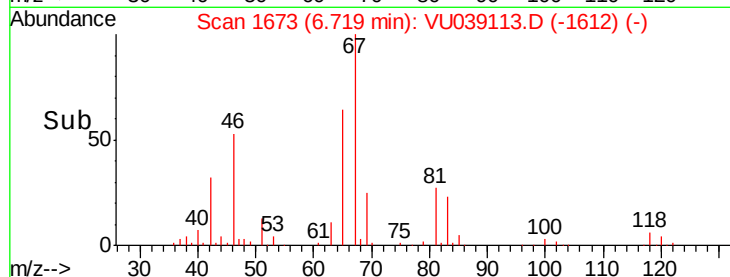
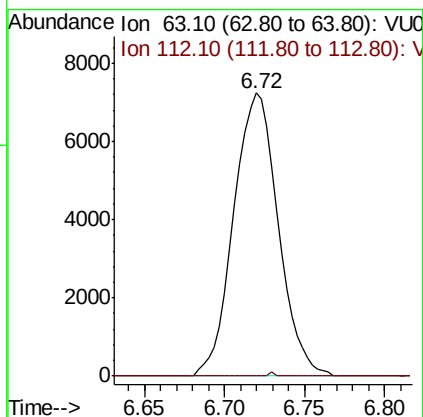
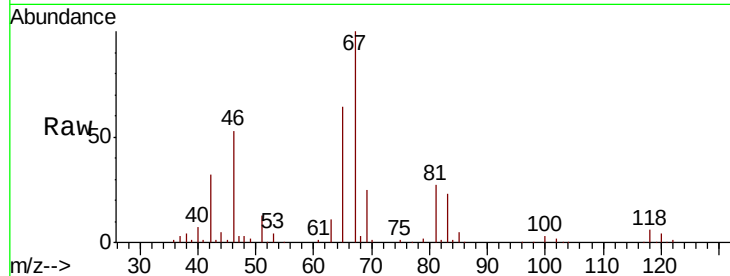




#37
 1,2-Dichloropropane
 Concen: 0.628 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039113.D
 Acq: 25 Jun 2020 14:06

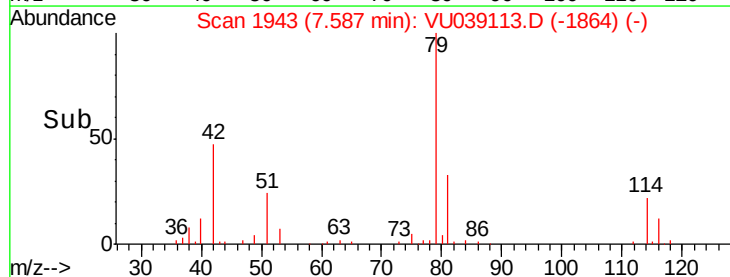
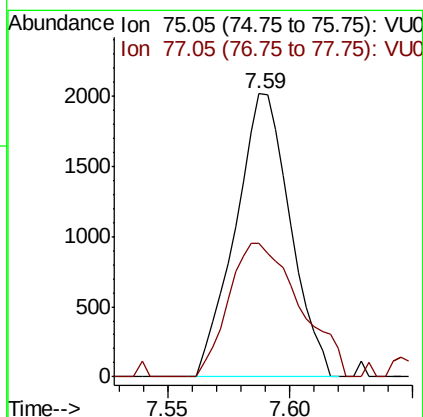
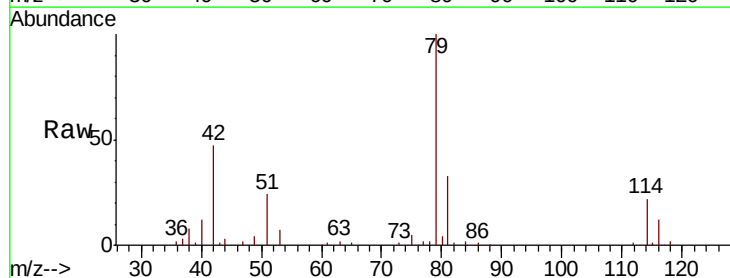
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F21

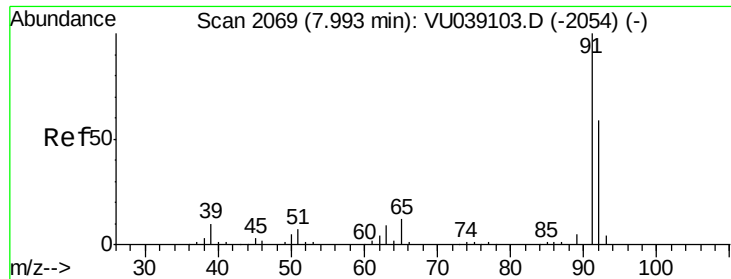
Tot Ion: 63 Resp: 13748
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039113.D
 Acq: 25 Jun 2020 14:06

Tgt Ion: 75 Resp: 3136
 Ion Ratio Lower Upper
 75 100
 77 47.4 21.6 40.0#





#42

Toluene

Concen: 0.139 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU039113.D

Acq: 25 Jun 2020 14:06

Instrument :

MSVOA_U

ClientSampleId :

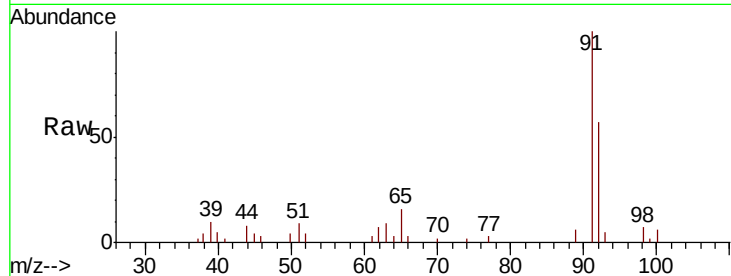
F9F21

Tot Ion: 91 Resp: 11169

Ion Ratio Lower Upper

91 100

92 57.1 42.1 78.1



Abundance Ion 91.15 (90.85 to 91.85): VU039113.D (-1976) (-)

Ion 92.15 (91.85 to 92.85): VU039113.D (-1976) (-)

7.99

8000

6000

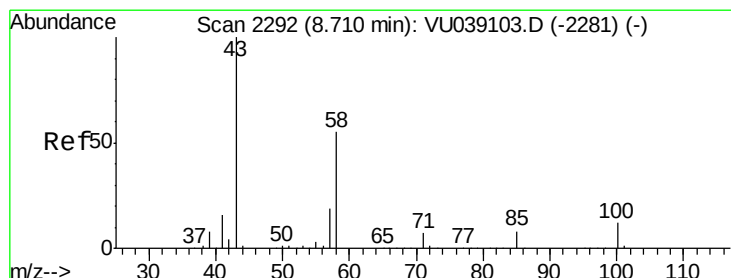
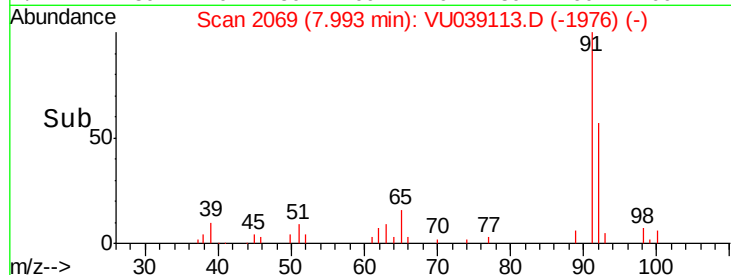
4000

2000

0

7.95 8.00 8.05

Time-->



#48

2-Hexanone

Concen: 3.680 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU039113.D

Acq: 25 Jun 2020 14:06

Tgt Ion: 43 Resp: 44051

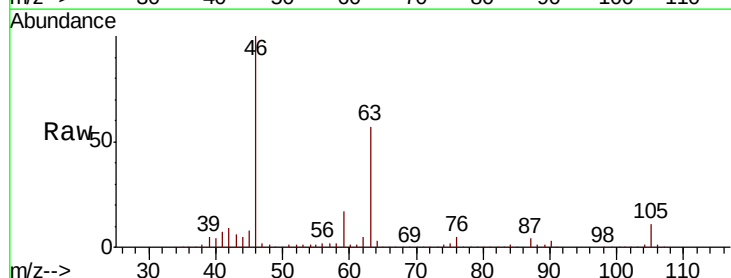
Ion Ratio Lower Upper

43 100

58 29.1 44.0 66.0#

57 27.6 15.0 22.6#

100 0.9 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU039113.D (-2199) (-)

Ion 58.05 (57.75 to 58.75): VU039113.D (-2199) (-)

Ion 57.20 (56.90 to 57.90): VU039113.D (-2199) (-)

Ion 100.15 (99.85 to 100.85): VU039113.D (-2199) (-)

8.65

30000

25000

20000

15000

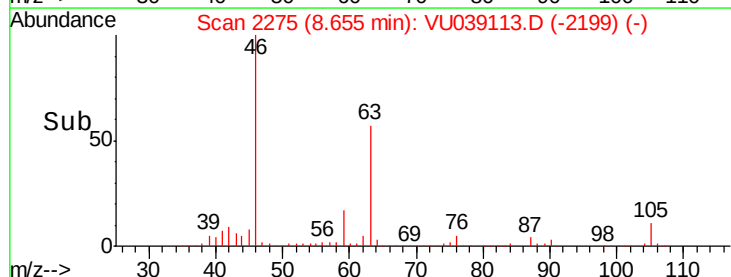
10000

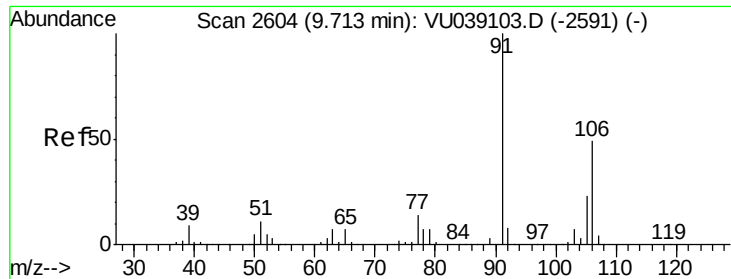
5000

0

8.60 8.70 8.80

Time-->





#53

m,p-Xylene

Concen: 0.104 ug/L

RT: 9.70 min Scan# 2601

Delta R.T. -0.01 min

Lab File: VU039113.D

Acq: 25 Jun 2020 14:06

Instrument :

MSVOA_U

ClientSampleId :

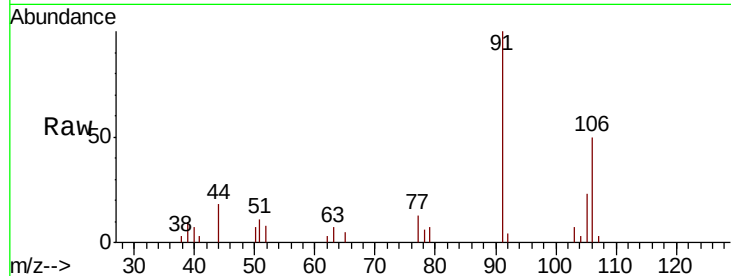
F9F21

Tot Ion:106 Resp: 3233

Ion Ratio Lower Upper

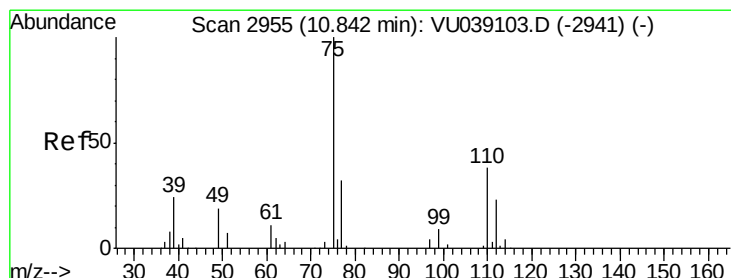
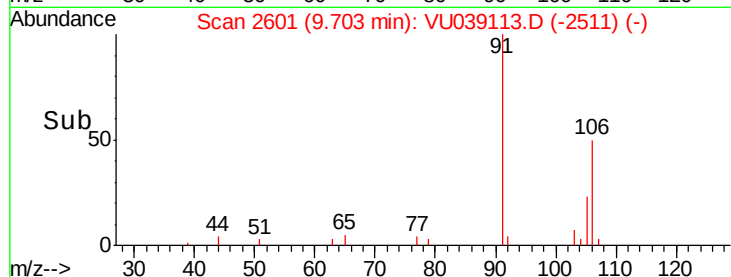
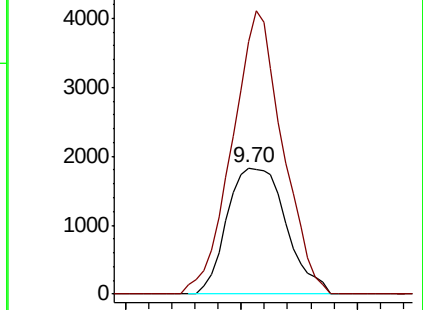
106 100

91 200.2 143.6 266.8



Abundance Ion 106.15 (105.85 to 106.85): VU039113.D (-2591) (-)

Ion 91.15 (90.85 to 91.85): VU039113.D (-2591) (-)



#59

1,2,3-Trichloropropane

Concen: 0.926 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039113.D

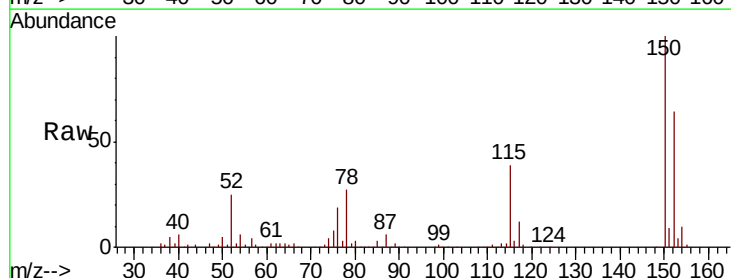
Acq: 25 Jun 2020 14:06

Tgt Ion: 75 Resp: 15272

Ion Ratio Lower Upper

75 100

77 35.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU039113.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU039113.D (-2941) (-)

