

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039090.D
 Acq On : 25 Jun 2020 02:59
 Operator : SY/MD
 Sample : L3110-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F21

Quant Time: Jun 25 03:57:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261089	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	262978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	107816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94867	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.93	69	87560	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.59	63	140145	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.67	46	404556	58.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.26%
24) Chloroform-d	5.10	84	198990	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.74	65	123464	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.76	84	383885	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.72	67	129955	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.92	98	295359	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	51708	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.65	63	315592	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	119718	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	118331	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

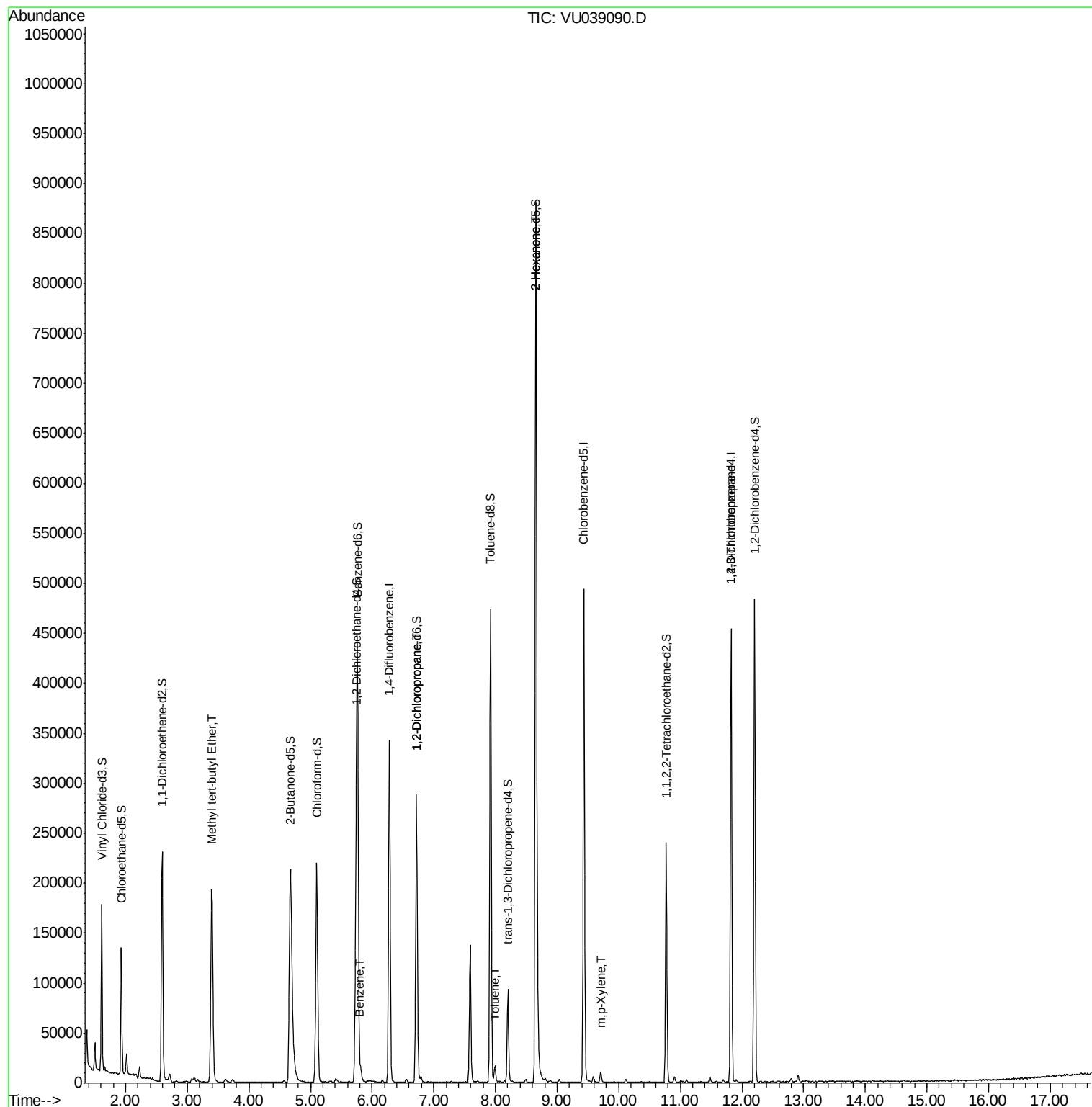
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	202156	3.927 ug/L	97
33) Benzene	5.81	78	11076	0.134 ug/L	100
37) 1,2-Dichloropropane	6.72	63	15224	0.680 ug/L #	87
42) Toluene	7.99	91	11331	0.138 ug/L	99
48) 2-Hexanone	8.65	43	50501	4.123 ug/L #	65
53) m,p-Xylene	9.71	106	3028	0.096 ug/L	84
59) 1,2,3-Trichloropropane	11.82	75	15490	0.918 ug/L #	86

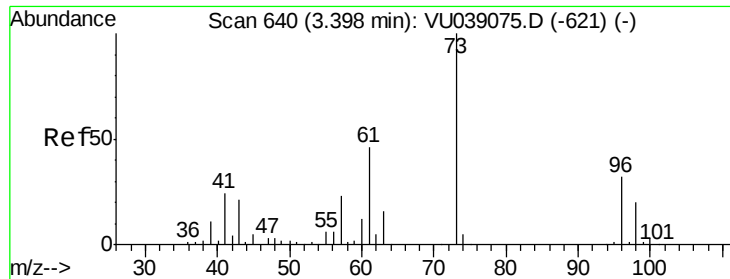
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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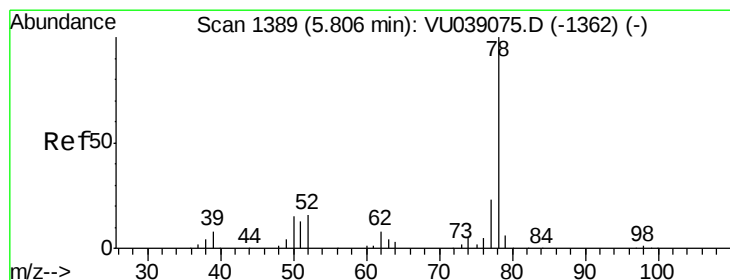
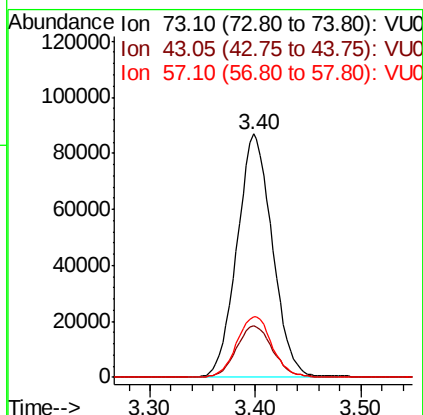
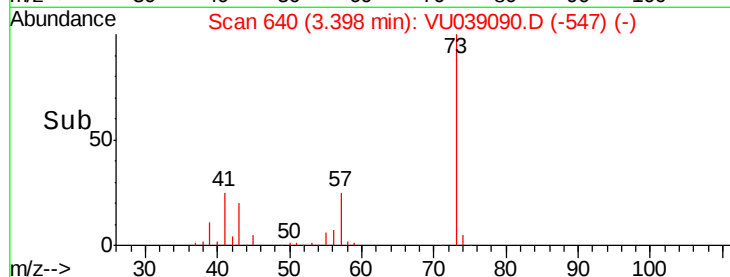
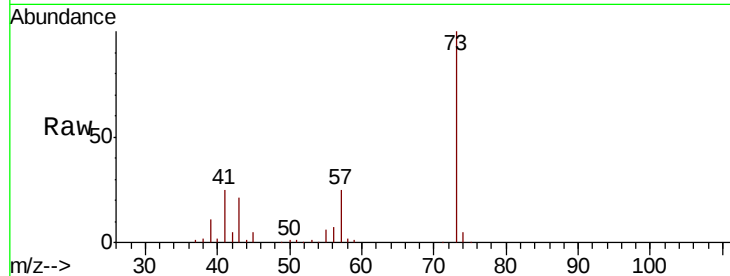




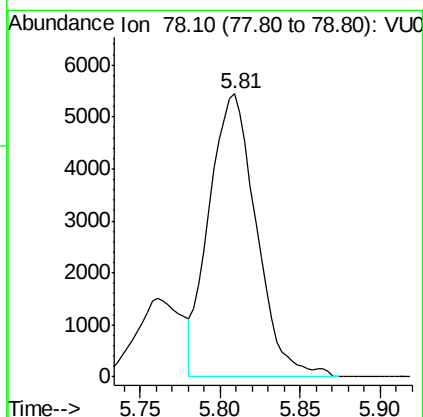
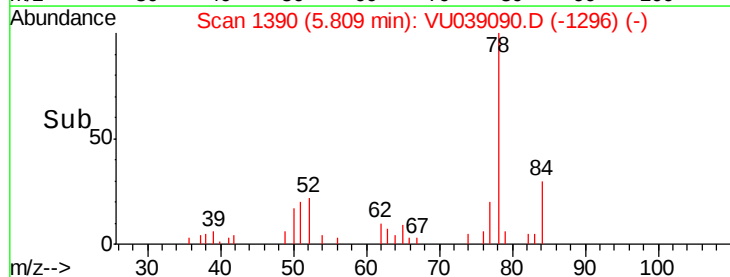
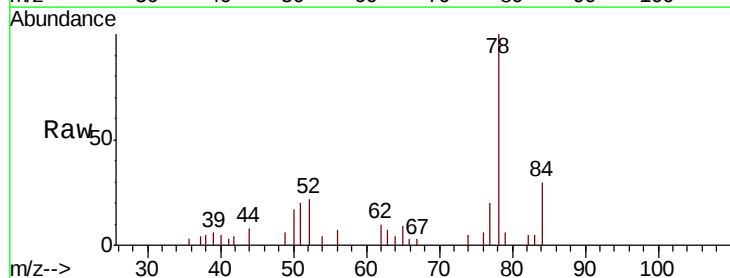
#17
Methvl tert-butvl Ether
Concen: 3.927 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU039090.D
Acq: 25 Jun 2020 02:59

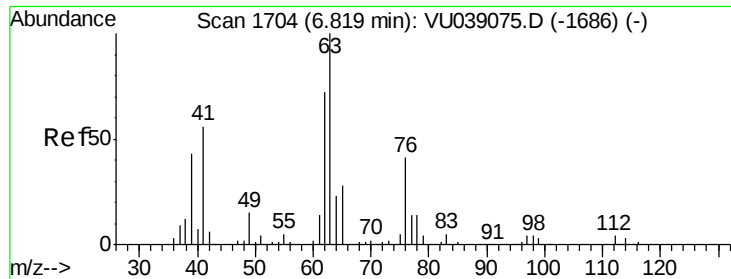
Instrument :
MSVOA_U
ClientSampleId :
F9F21

Tot Ion: 73 Resp: 202156
Ion Ratio Lower Upper
73 100
43 21.5 16.6 24.8
57 25.1 18.2 27.4



#33
Benzene
Concen: 0.134 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU039090.D
Acq: 25 Jun 2020 02:59
Tgt Ion: 78 Resp: 11076

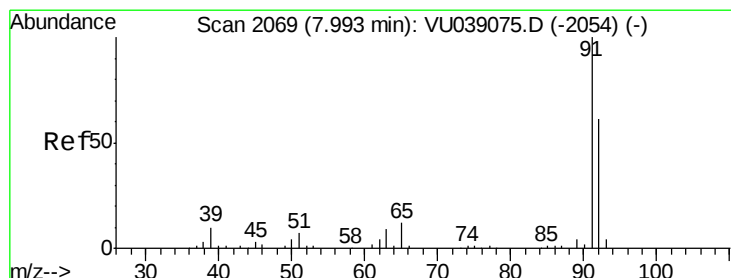
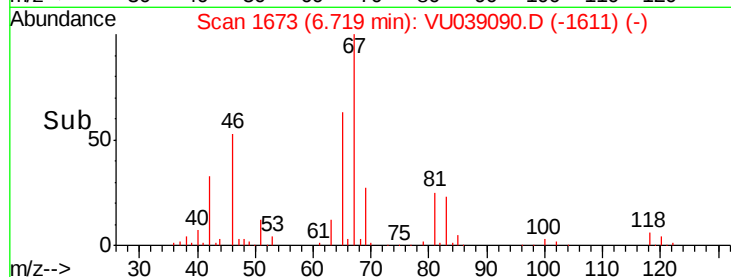
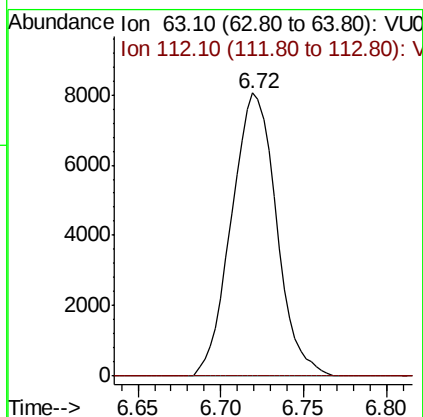
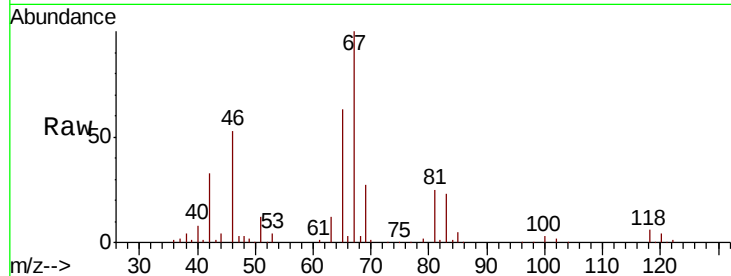




#37
 1,2-Dichloropropane
 Concen: 0.680 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039090.D
 Acq: 25 Jun 2020 02:59

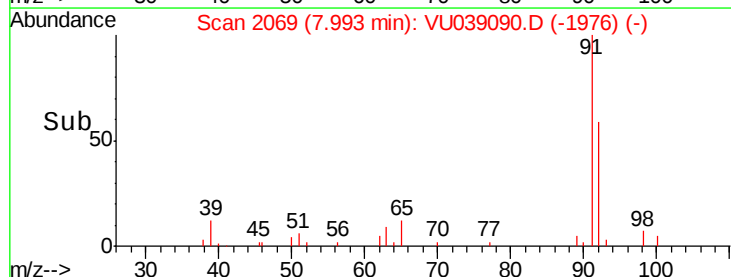
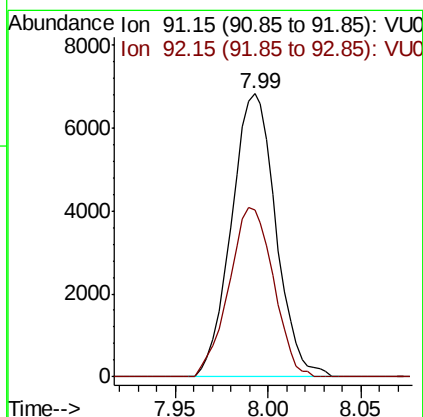
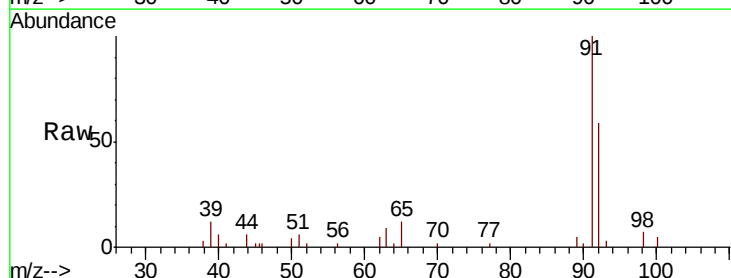
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F21

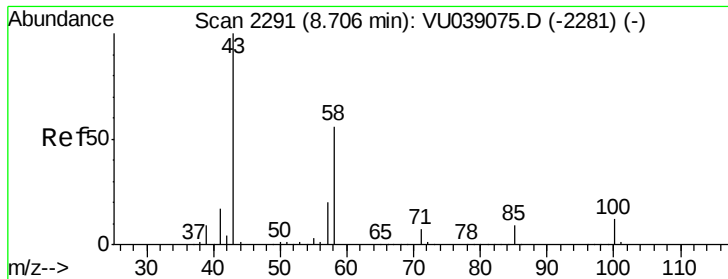
Tot Ion: 63 Resp: 15224
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.4 5.2#



#42
 Toluene
 Concen: 0.138 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VU039090.D
 Acq: 25 Jun 2020 02:59

Tgt Ion: 91 Resp: 11331
 Ion Ratio Lower Upper
 91 100
 92 59.2 42.1 78.1

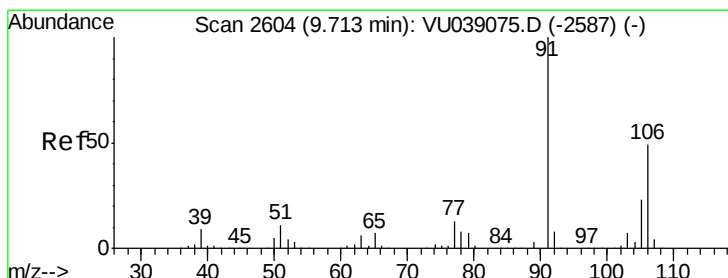
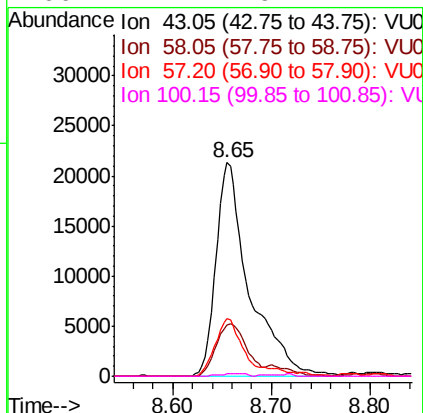
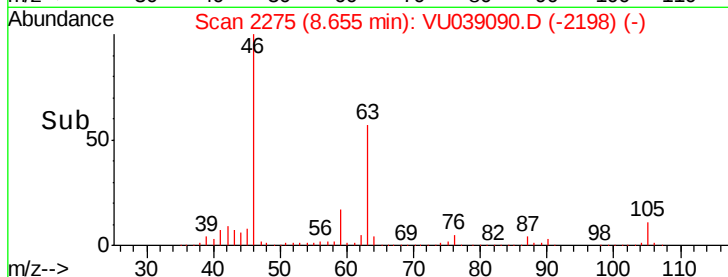
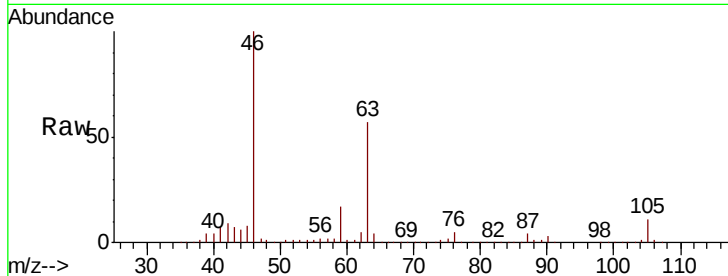




#48
2-Hexanone
Concen: 4.123 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039090.D
Acq: 25 Jun 2020 02:59

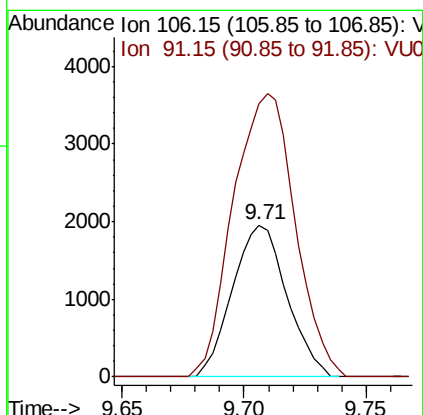
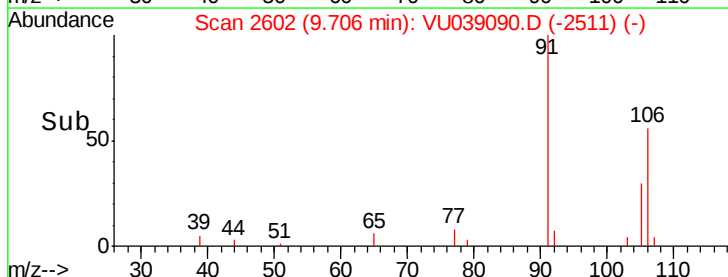
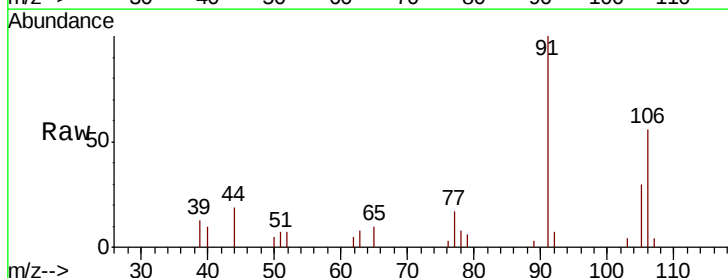
Instrument :
MSVOA_U
ClientSampleId :
F9F21

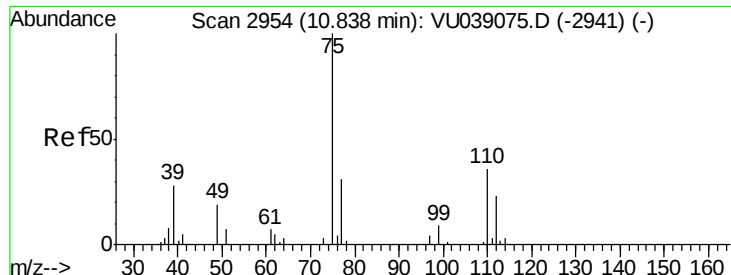
Tot Ion: 43 Resp: 50501
Ion Ratio Lower Upper
43 100
58 22.5 44.0 66.0#
57 24.1 15.0 22.6#
100 1.1 9.4 14.2#



#53
m,p-Xylene
Concen: 0.096 ug/L
RT: 9.71 min Scan# 2602
Delta R.T. -0.01 min
Lab File: VU039090.D
Acq: 25 Jun 2020 02:59

Tgt Ion: 106 Resp: 3028
Ion Ratio Lower Upper
106 100
91 179.9 143.6 266.8





#59

1,2,3-Trichloropropane

Concen: 0.918 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039090.D

Acq: 25 Jun 2020 02:59

Instrument :

MSVOA_U

ClientSampleId :

F9F21

Tot Ion: 75 Resp: 15490

Ion Ratio Lower Upper

75 100

77 40.4 26.2 39.2#

