

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052220\
 Data File : VU038284.D
 Acq On : 22 May 2020 17:53
 Operator : JC/MD
 Sample : L2724-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 22 22:22:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 22:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	314735	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310546	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	151937	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100268	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.93	69	93575	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.20%
11) 1,1-Dichloroethene-d2	2.59	63	152636	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.66	46	369784	52.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.12%
24) Chloroform-d	5.10	84	214928	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.74	65	125991	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.76	84	451233	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.72	67	143029	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.92	98	390015	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.20	79	53800	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.65	63	295426	52.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118625	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	154448	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

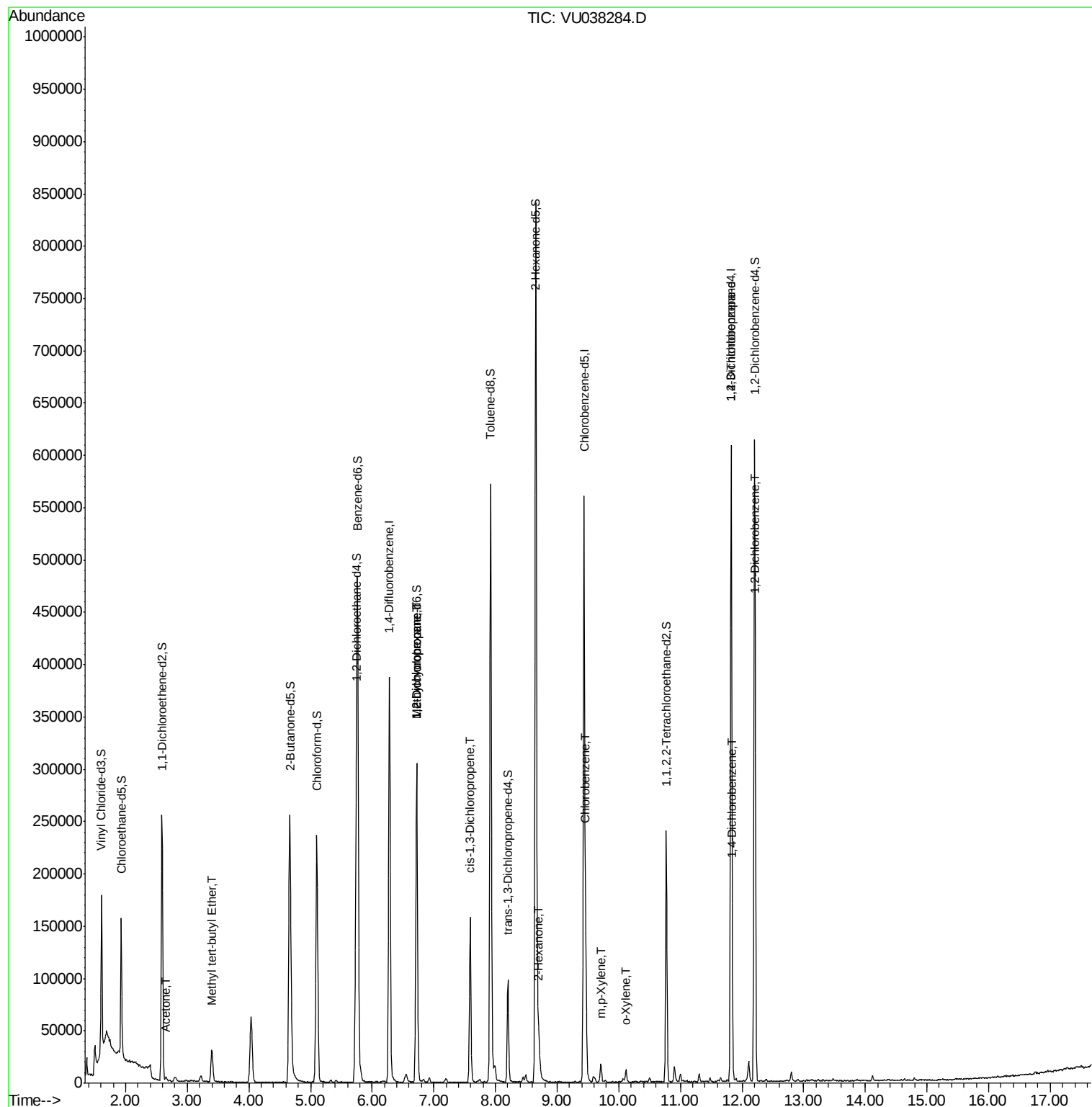
					Ovalue
13) Acetone	2.65	43	4487	1.007 ug/L	93
17) Methyl tert-butyl Ether	3.40	73	31466	0.518 ug/L	96
35) Methylcyclohexane	6.72	83	33215	0.824 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15230	0.564 ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	3700	0.096 ug/L #	46
48) 2-Hexanone	8.71	43	23579	1.720 ug/L #	93
51) Chlorobenzene	9.47	112	57897	0.889 ug/L	97
53) m,p-Xylene	9.71	106	5385	0.123 ug/L	87
54) o-Xylene	10.12	106	3110	0.074 ug/L	83
59) 1,2,3-Trichloropropane	11.83	75	22017	1.214 ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	5098	0.102 ug/L	89
65) 1,2-Dichlorobenzene	12.22	146	4472	0.094 ug/L #	84

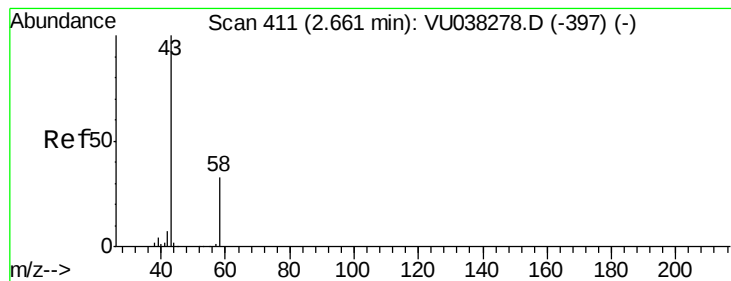
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.007 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU038284.D

Acq: 22 May 2020 17:53

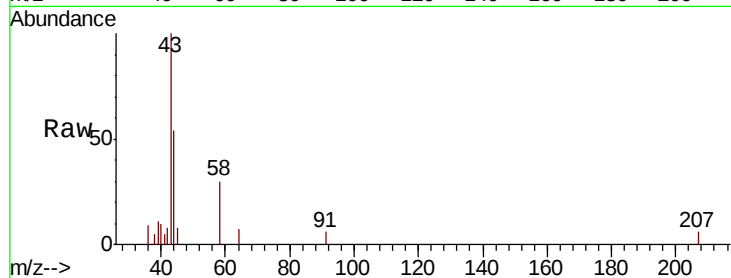
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 4487

Ion Ratio Lower Upper

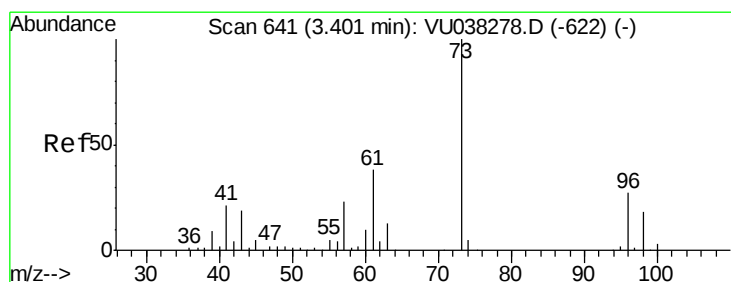
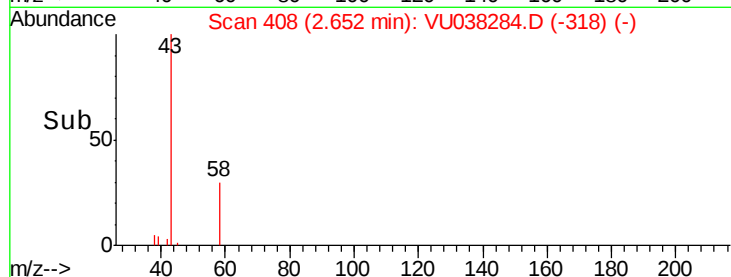
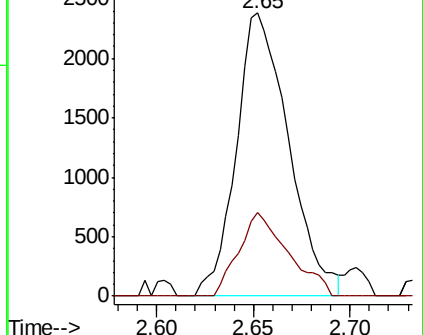
43 100

58 28.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038284.D (-408) (-)

Ion 58.05 (57.75 to 58.75): VU038284.D (-408) (-)



#17

Methyl tert-butyl Ether

Concen: 0.518 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU038284.D

Acq: 22 May 2020 17:53

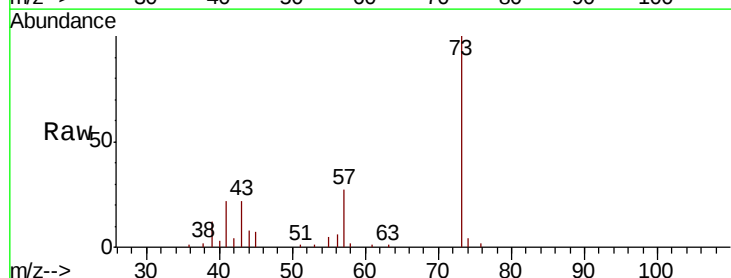
Tgt Ion: 73 Resp: 31466

Ion Ratio Lower Upper

73 100

43 20.7 16.9 25.3

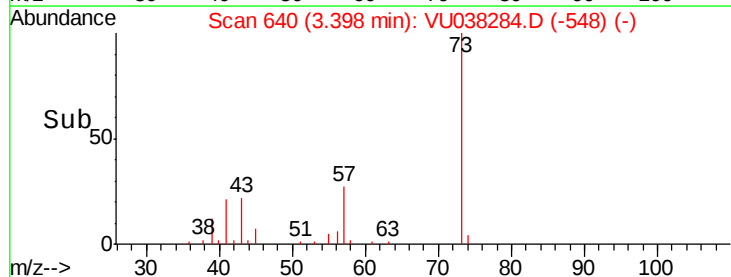
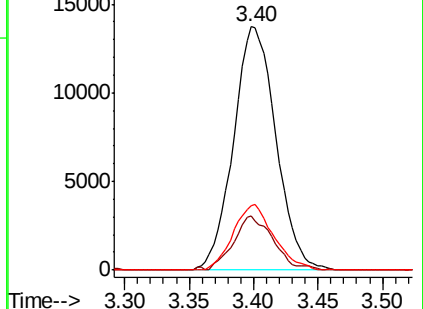
57 25.8 18.2 27.2

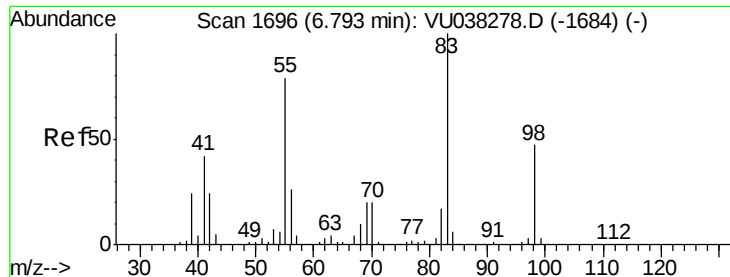


Abundance Ion 73.10 (72.80 to 73.80): VU038284.D (-640) (-)

Ion 43.05 (42.75 to 43.75): VU038284.D (-640) (-)

Ion 57.10 (56.80 to 57.80): VU038284.D (-640) (-)

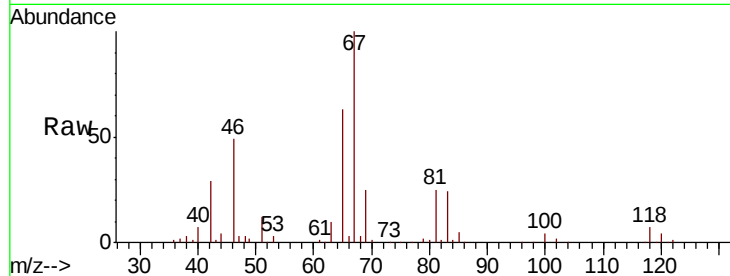




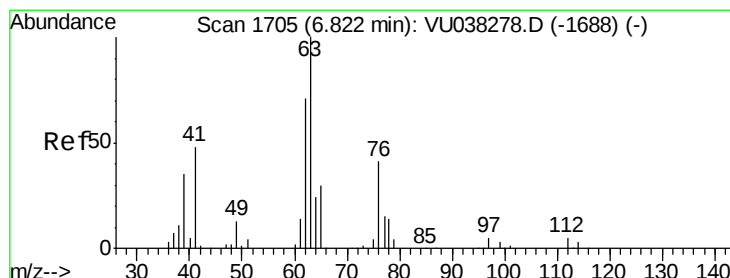
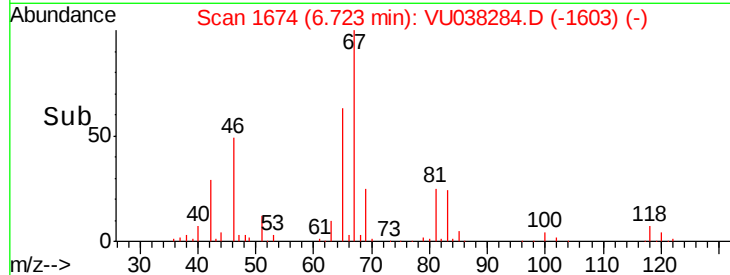
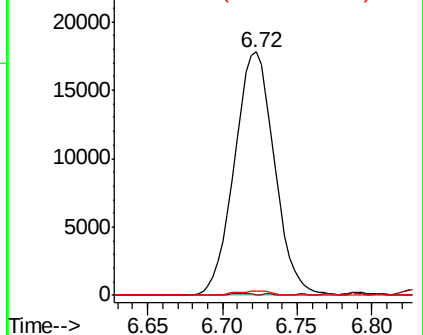
#35
Methvlcvclohexane
Concen: 0.824 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038284.D
Acq: 22 May 2020 17:53

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 33215
Ion Ratio Lower Upper
83 100
55 0.1 66.7 100.1#
98 1.6 39.4 59.2#

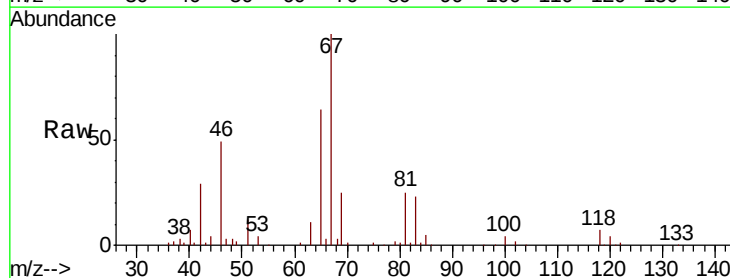


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

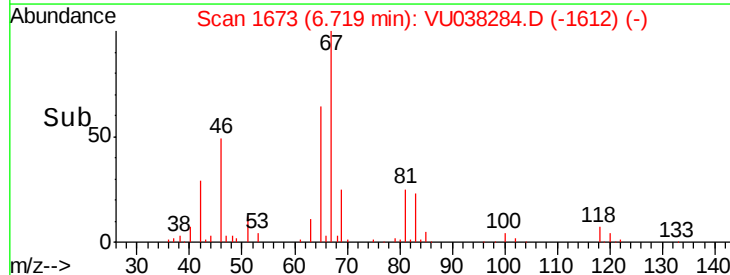
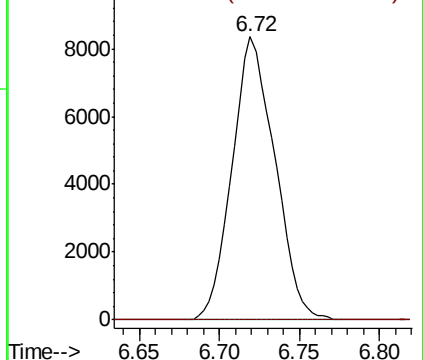


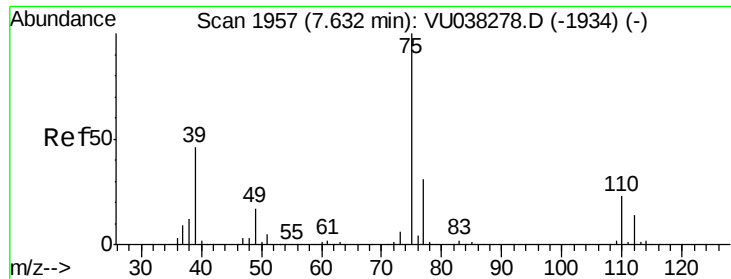
#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038284.D
Acq: 22 May 2020 17:53

Tgt Ion: 63 Resp: 15230
Ion Ratio Lower Upper
63 100
112 0.7 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

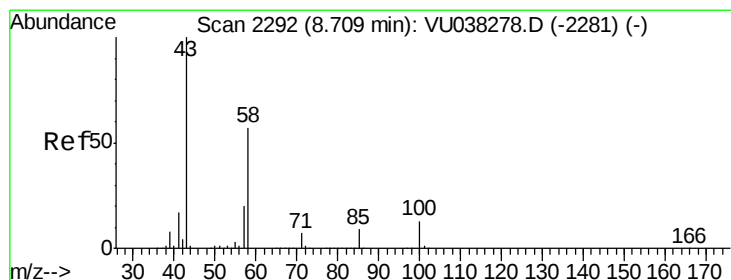
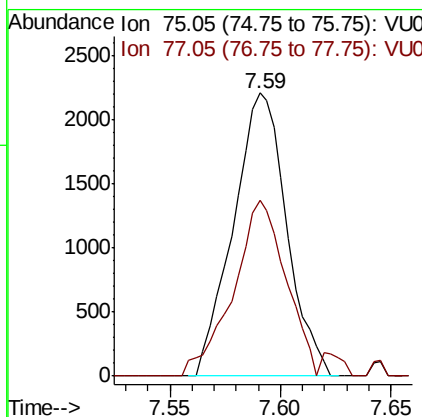
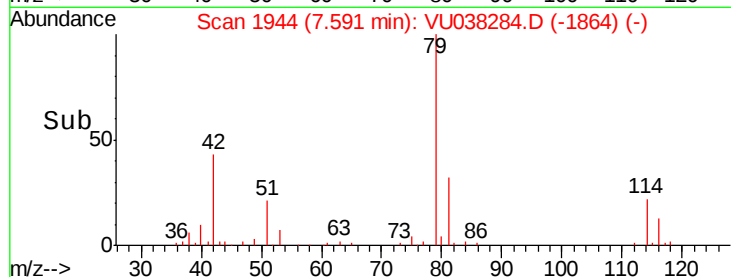
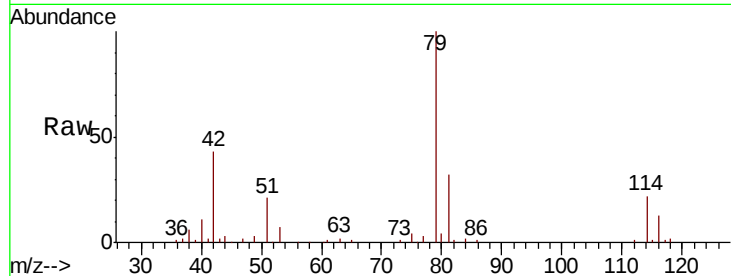




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038284.D
 Acq: 22 May 2020 17:53

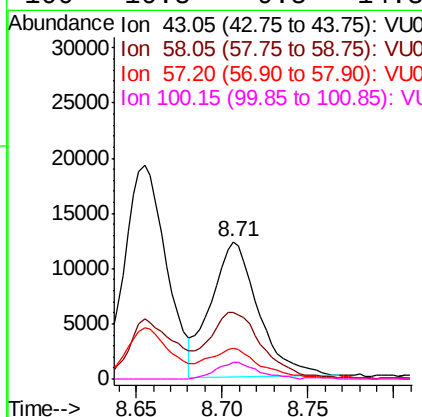
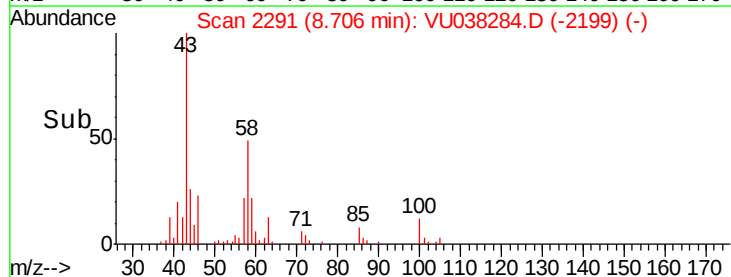
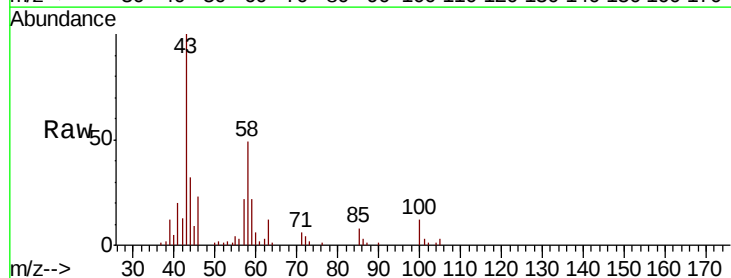
Instrument :
 MSVOA_U
 ClientSampleId :

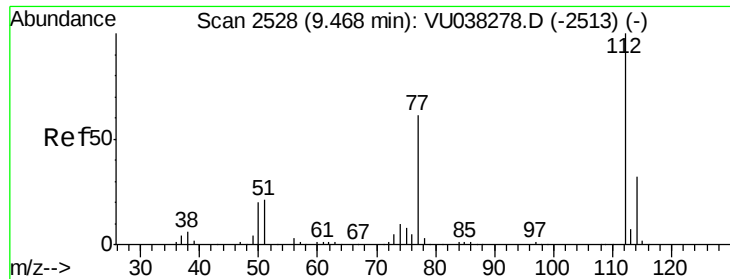
Tot Ion: 75 Resp: 3700
 Ion Ratio Lower Upper
 75 100
 77 62.3 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.720 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038284.D
 Acq: 22 May 2020 17:53

Tgt Ion: 43 Resp: 23579
 Ion Ratio Lower Upper
 43 100
 58 53.1 45.2 67.8
 57 26.2 15.5 23.3#
 100 10.8 9.5 14.3

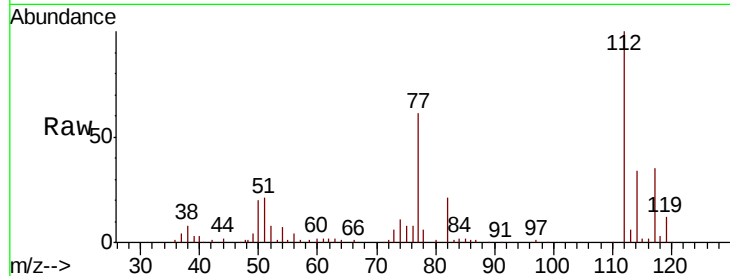




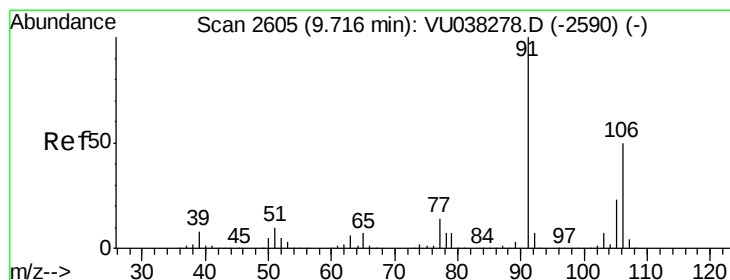
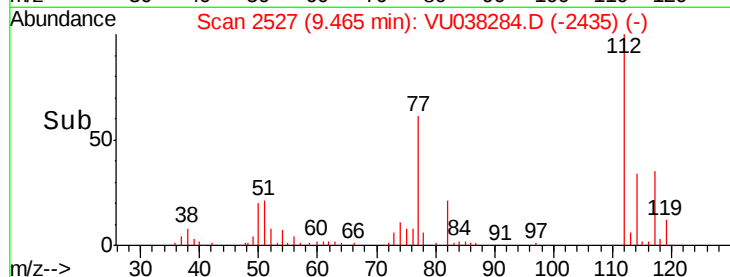
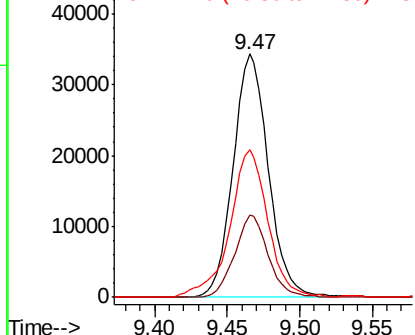
#51
Chlorobenzene
Concen: 0.889 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038284.D
Acq: 22 May 2020 17:53

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:112 Resp: 57897
Ion Ratio Lower Upper
112 100
114 33.9 22.5 41.7
77 60.7 49.9 74.9

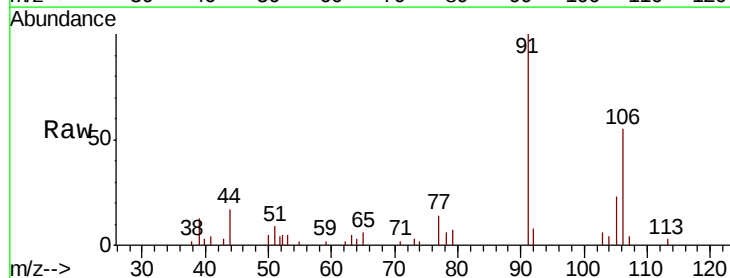


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

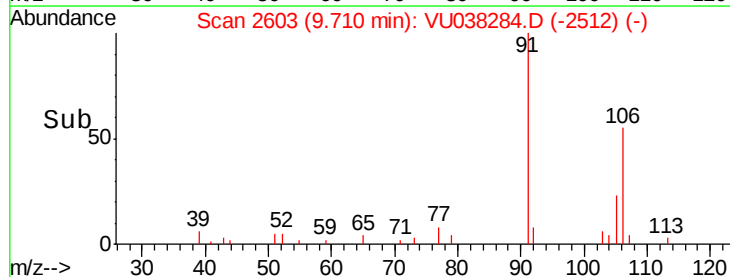
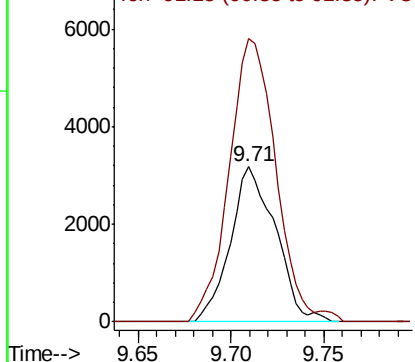


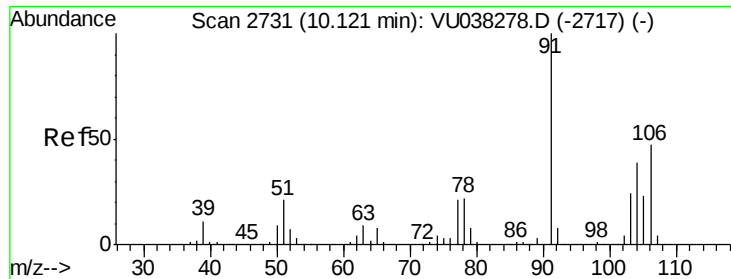
#53
m,p-Xylene
Concen: 0.123 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.01 min
Lab File: VU038284.D
Acq: 22 May 2020 17:53

Tgt Ion:106 Resp: 5385
Ion Ratio Lower Upper
106 100
91 182.7 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): V

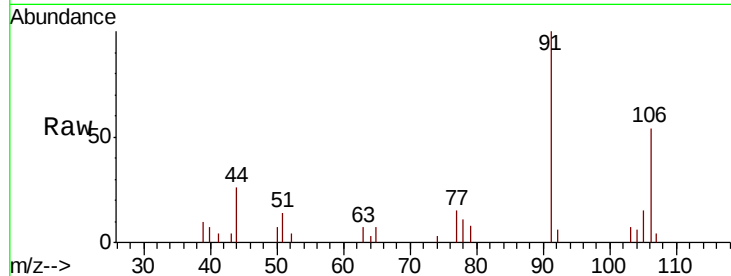




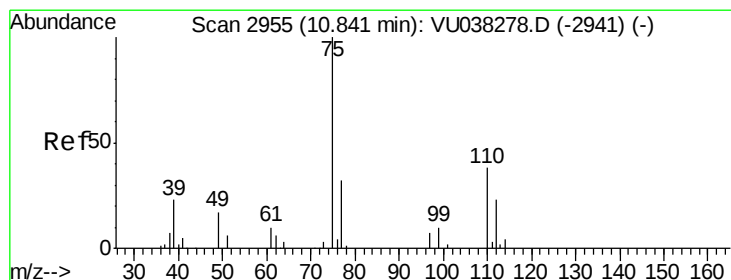
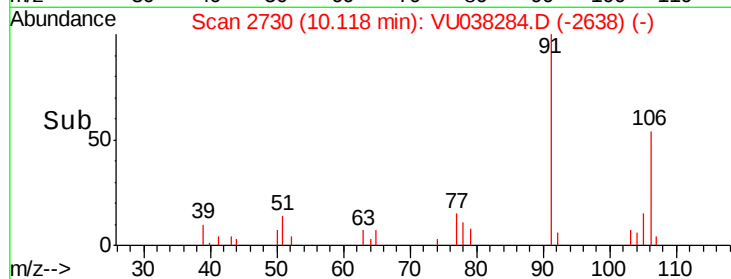
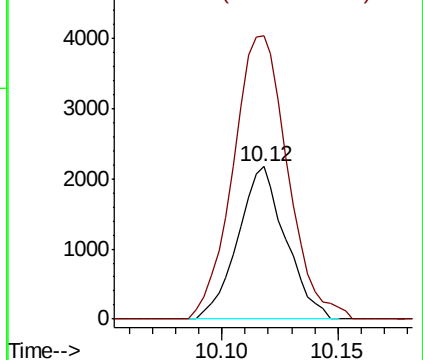
#54
o-Xylene
Concen: 0.074 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038284.D
Acq: 22 May 2020 17:53

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 3110
Ion Ratio Lower Upper
106 100
91 185.4 148.5 275.9

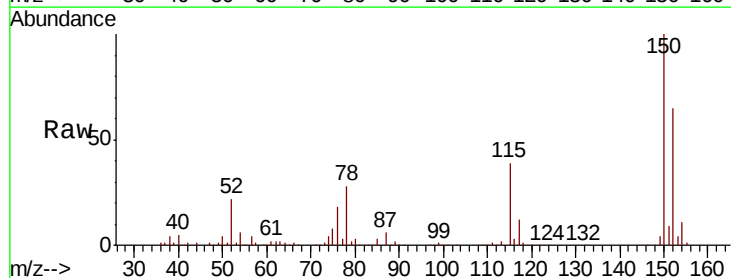


Abundance Ion 106.15 (105.85 to 106.85): VU038284.D (-2638) (-)
Ion 91.15 (90.85 to 91.85): VU038284.D (-2638) (-)

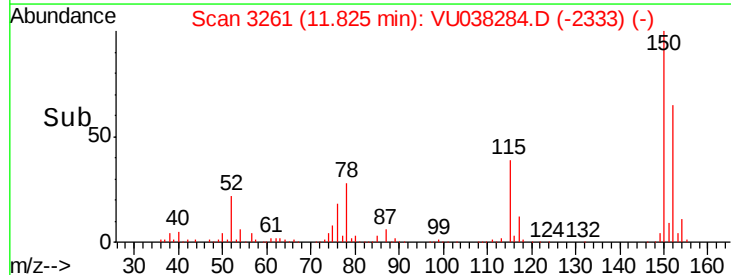
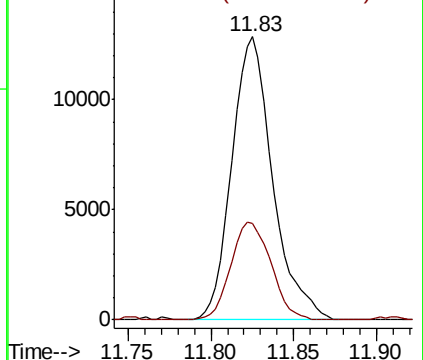


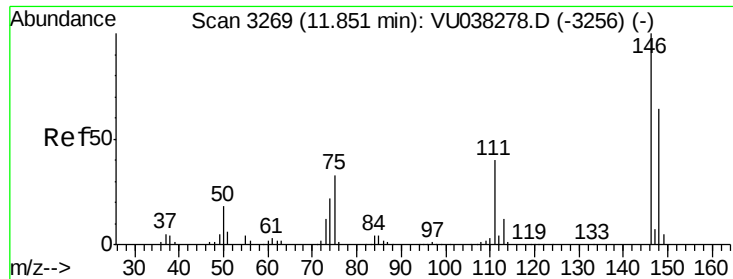
#59
1,2,3-Trichloropropane
Concen: 1.214 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038284.D
Acq: 22 May 2020 17:53

Tgt Ion: 75 Resp: 22017
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU038284.D (-2333) (-)
Ion 77.00 (76.70 to 77.70): VU038284.D (-2333) (-)

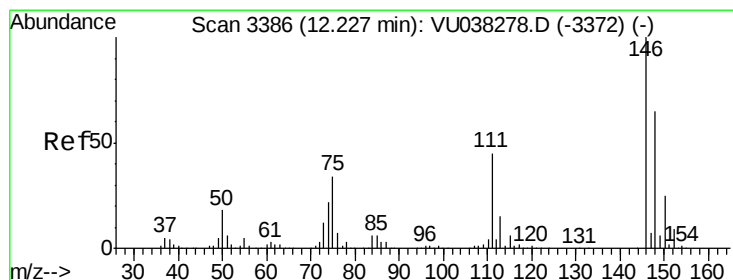
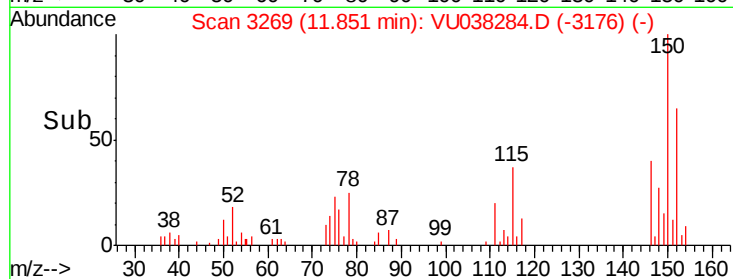
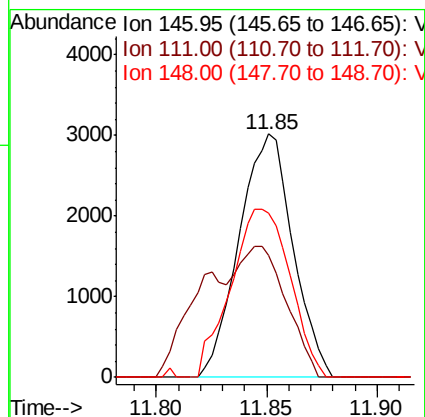
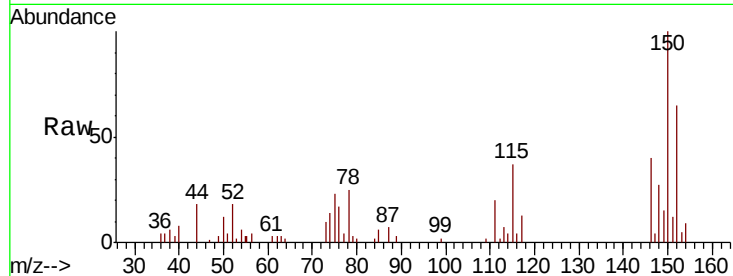




#63
 1,4-Dichlorobenzene
 Concen: 0.102 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038284.D
 Acq: 22 May 2020 17:53

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 5098
 Ion Ratio Lower Upper
 146 100
 111 49.9 27.2 50.6
 148 67.3 43.8 81.3



#65
 1,2-Dichlorobenzene
 Concen: 0.094 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU038284.D
 Acq: 22 May 2020 17:53

Tgt Ion:146 Resp: 4472
 Ion Ratio Lower Upper
 146 100
 111 60.9 35.3 52.9#
 148 56.3 51.0 76.4

