

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052720\
 Data File : VU038320.D
 Acq On : 27 May 2020 15:00
 Operator : JC/MD
 Sample : L2749-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 28 04:19:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	294103	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293203	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142129	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88451	3.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.80%
7) Chloroethane-d5	1.93	69	84444	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.59	63	138814	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.66	46	336961	50.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.54%
24) Chloroform-d	5.10	84	201831	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.74	65	117886	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.76	84	413050	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.72	67	132388	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.92	98	367586	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.20	79	50461	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.65	63	276639	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109707	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	147982	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

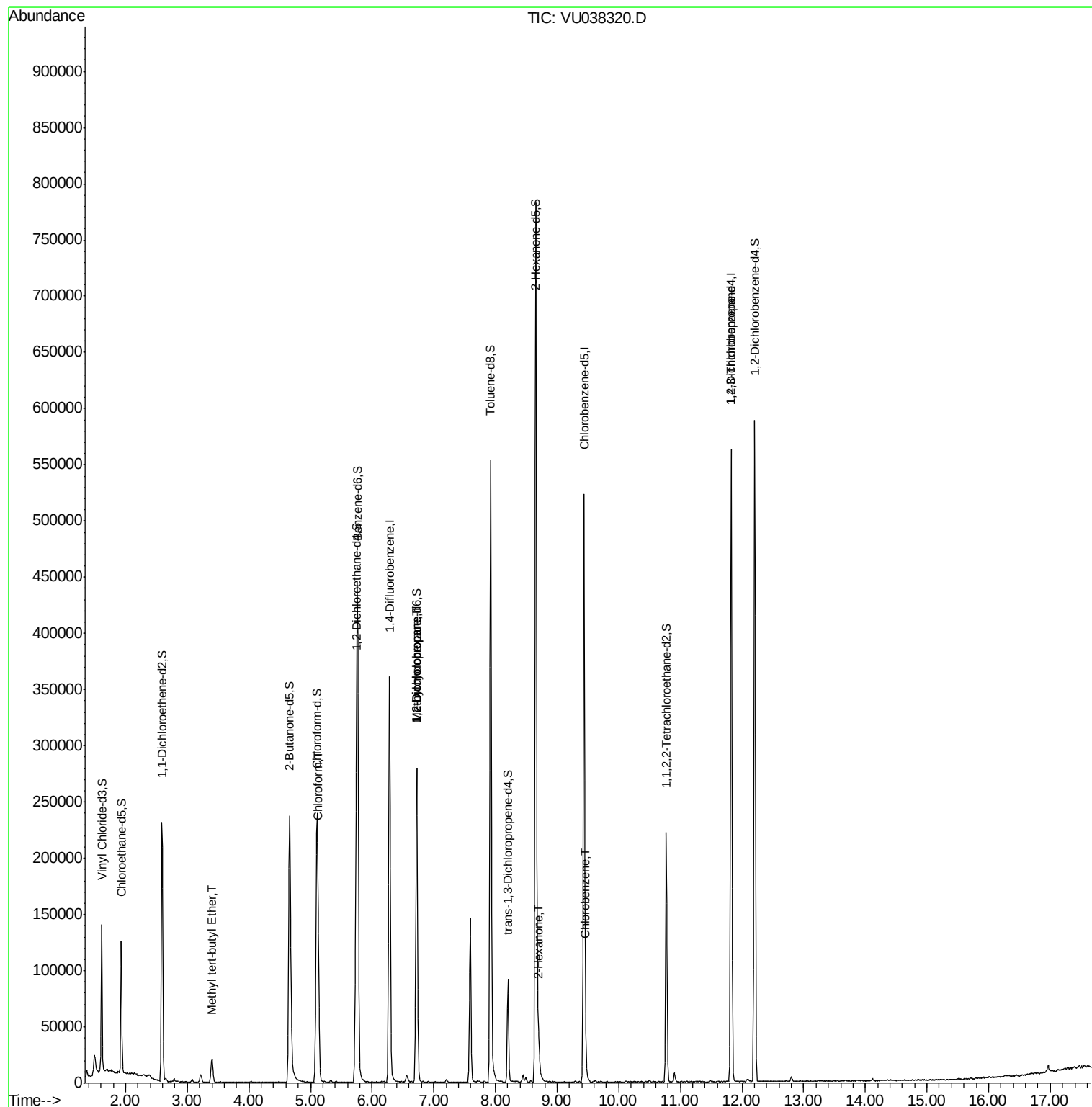
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	21462	0.378 ug/L	100
25) Chloroform	5.13	83	79175	1.950 ug/L	97
35) Methylcyclohexane	6.72	83	30828	0.810 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	14132	0.554 ug/L #	88
48) 2-Hexanone	8.70	43	15025	1.161 ug/L #	92
51) Chlorobenzene	9.47	112	7524	0.122 ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	19751	1.154 ug/L	93

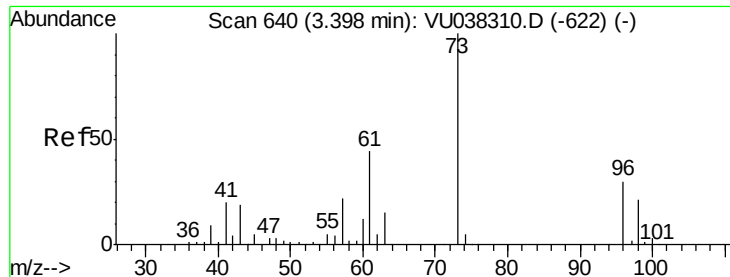
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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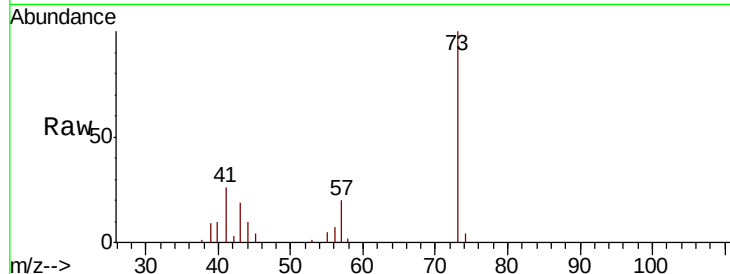




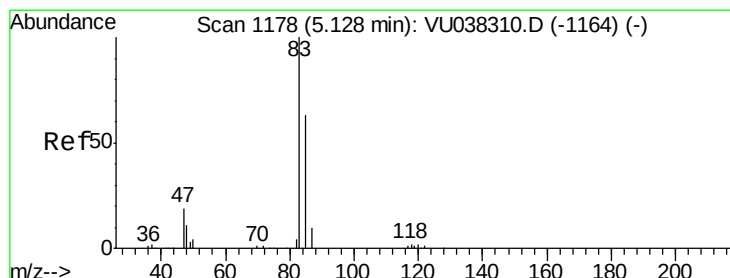
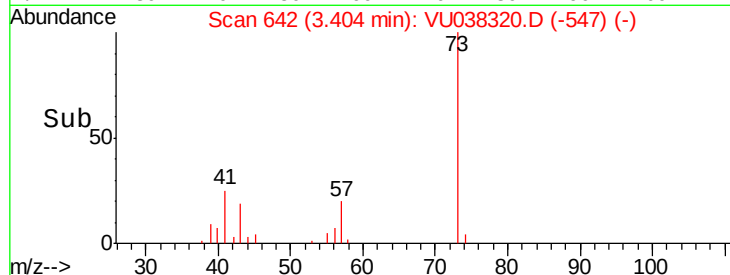
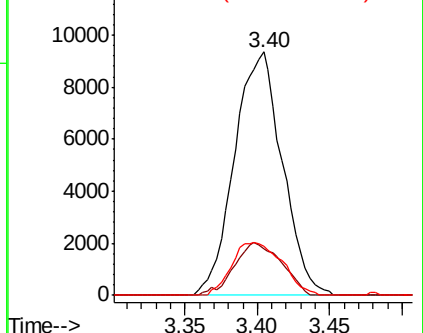
#17
Methvl tert-butvl Ether
Concen: 0.378 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.01 min
Lab File: VU038320.D
Acq: 27 May 2020 15:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 21462
Ion Ratio Lower Upper
73 100
43 21.4 16.9 25.3
57 22.9 18.2 27.2

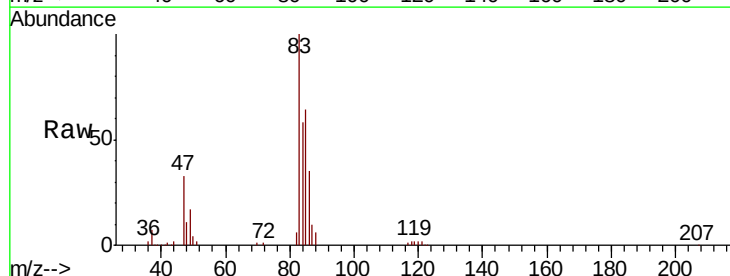


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

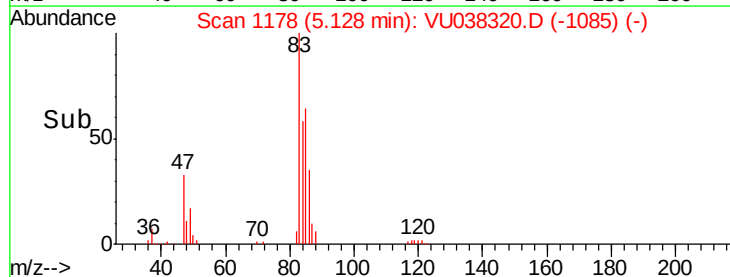
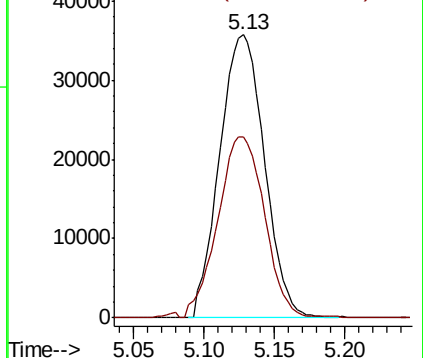


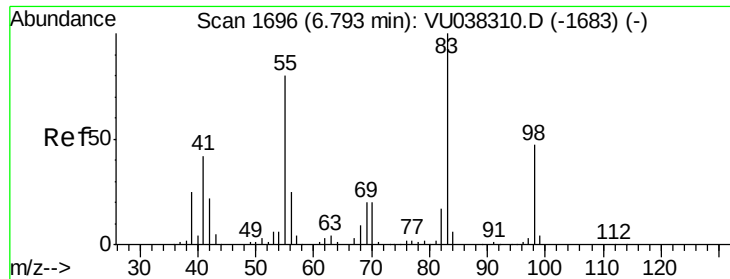
#25
Chloroform
Concen: 1.950 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU038320.D
Acq: 27 May 2020 15:00

Tgt Ion: 83 Resp: 79175
Ion Ratio Lower Upper
83 100
85 63.9 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

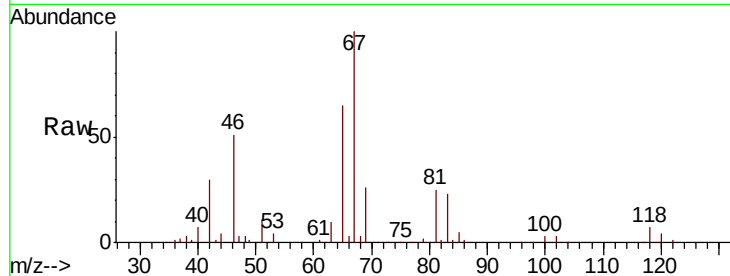




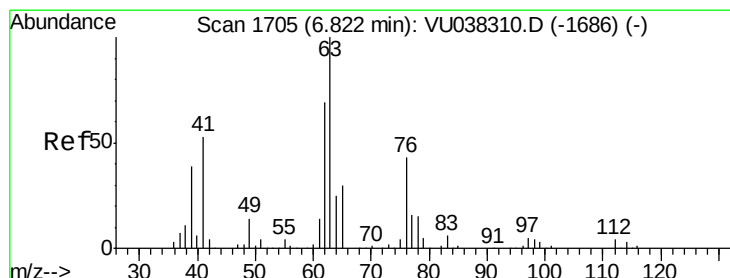
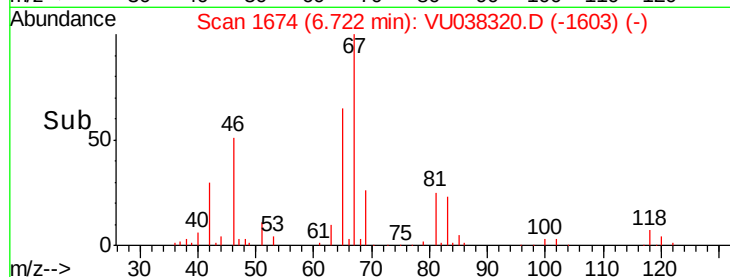
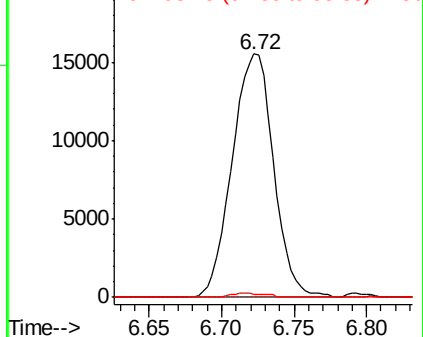
#35
Methylvlcyclohexane
Concen: 0.810 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038320.D
Acq: 27 May 2020 15:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 30828
Ion Ratio Lower Upper
83 100
55 0.1 66.7 100.1#
98 1.5 39.4 59.2#

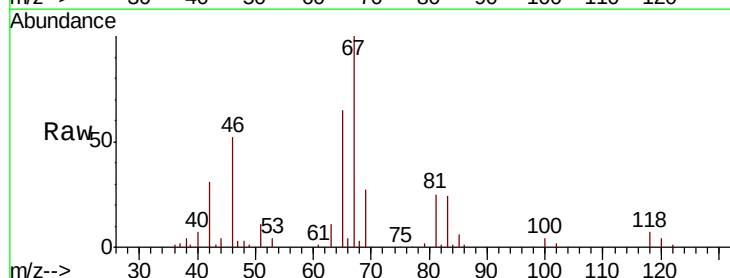


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

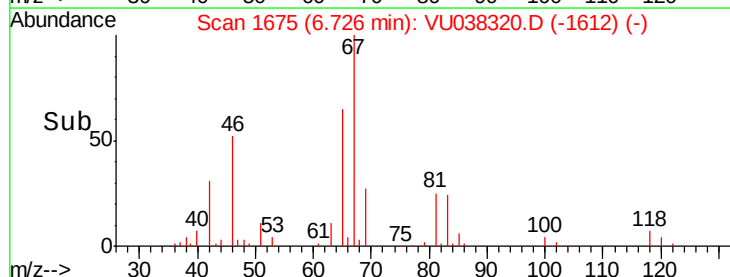
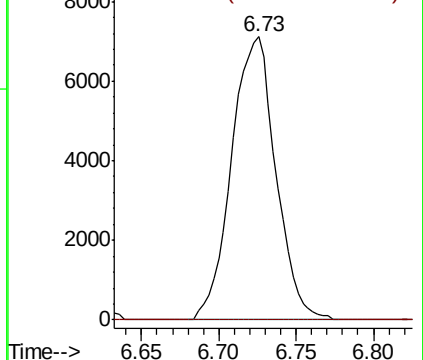


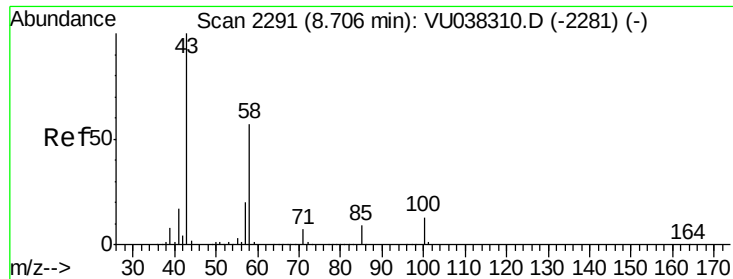
#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU038320.D
Acq: 27 May 2020 15:00

Tgt Ion: 63 Resp: 14132
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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

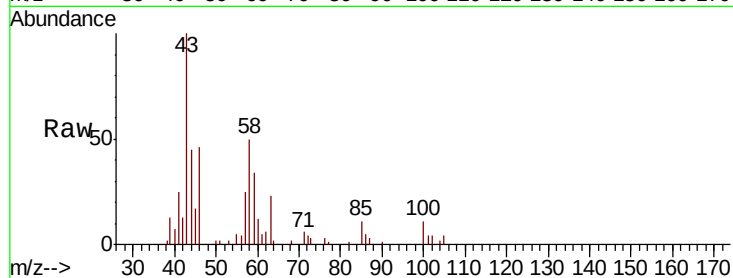




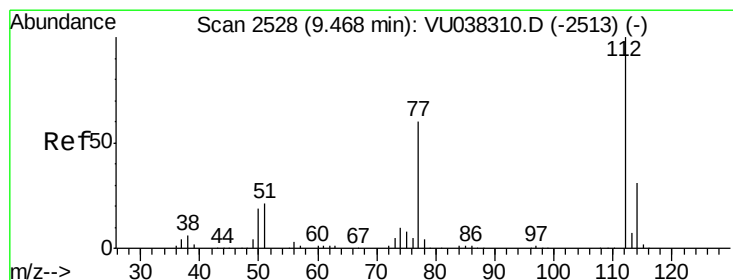
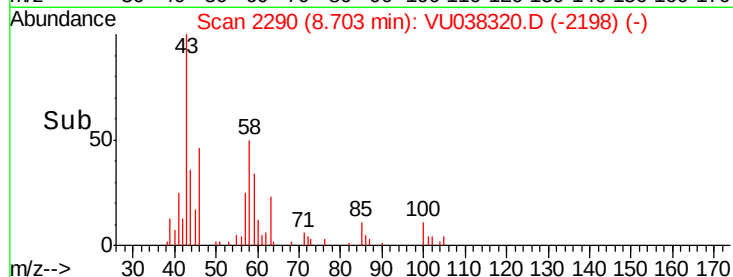
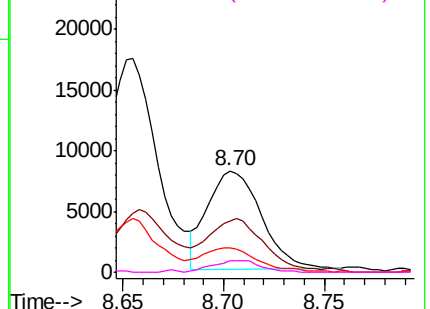
#48
2-Hexanone
Concen: 1.161 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU038320.D
Acq: 27 May 2020 15:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 15025
Ion Ratio Lower Upper
43 100
58 52.2 45.2 67.8
57 27.1 15.5 23.3#
100 11.0 9.5 14.3

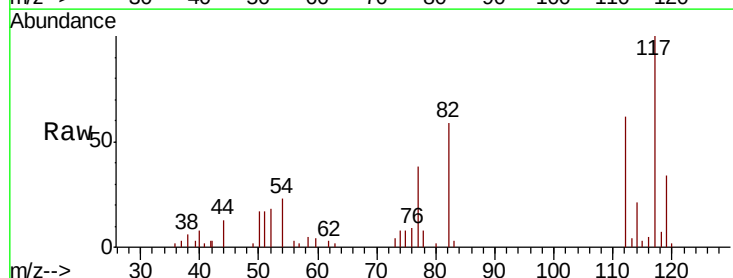


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

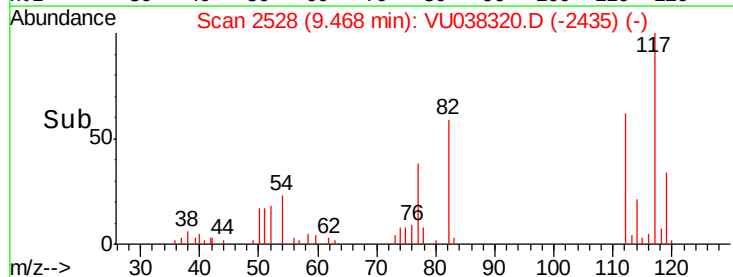
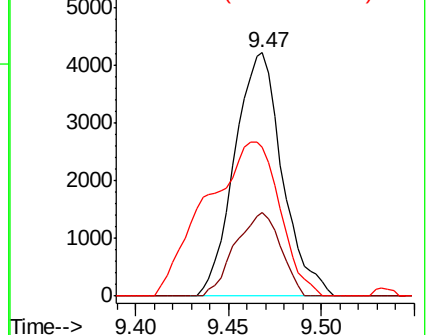


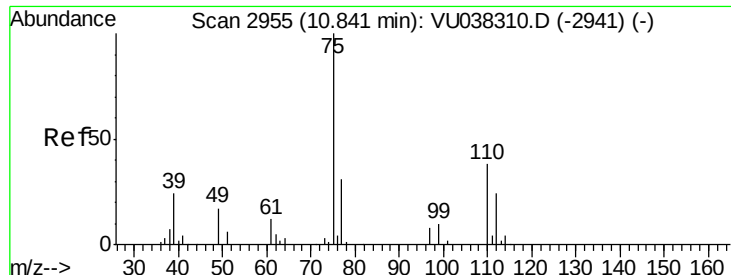
#51
Chlorobenzene
Concen: 0.122 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU038320.D
Acq: 27 May 2020 15:00

Tgt Ion: 112 Resp: 7524
Ion Ratio Lower Upper
112 100
114 34.4 22.5 41.7
77 61.0 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): VU0





#59

1,2,3-Trichloropropane

Concen: 1.154 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038320.D

Acq: 27 May 2020 15:00

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 19751

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.0

