

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053020\
 Data File : VU038390.D
 Acq On : 29 May 2020 20:47
 Operator : JC/MD
 Sample : L2749-18 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 30 00:06:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292065	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140815	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89527	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.93	69	82501	3.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.40%
11) 1,1-Dichloroethene-d2	2.59	63	136921	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.67	46	338793	51.40	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	5.10	84	193218	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.74	65	115952	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.76	84	398261	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	123311	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.92	98	344575	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.20	79	46665	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.65	63	280717	53.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105241	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	138606	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

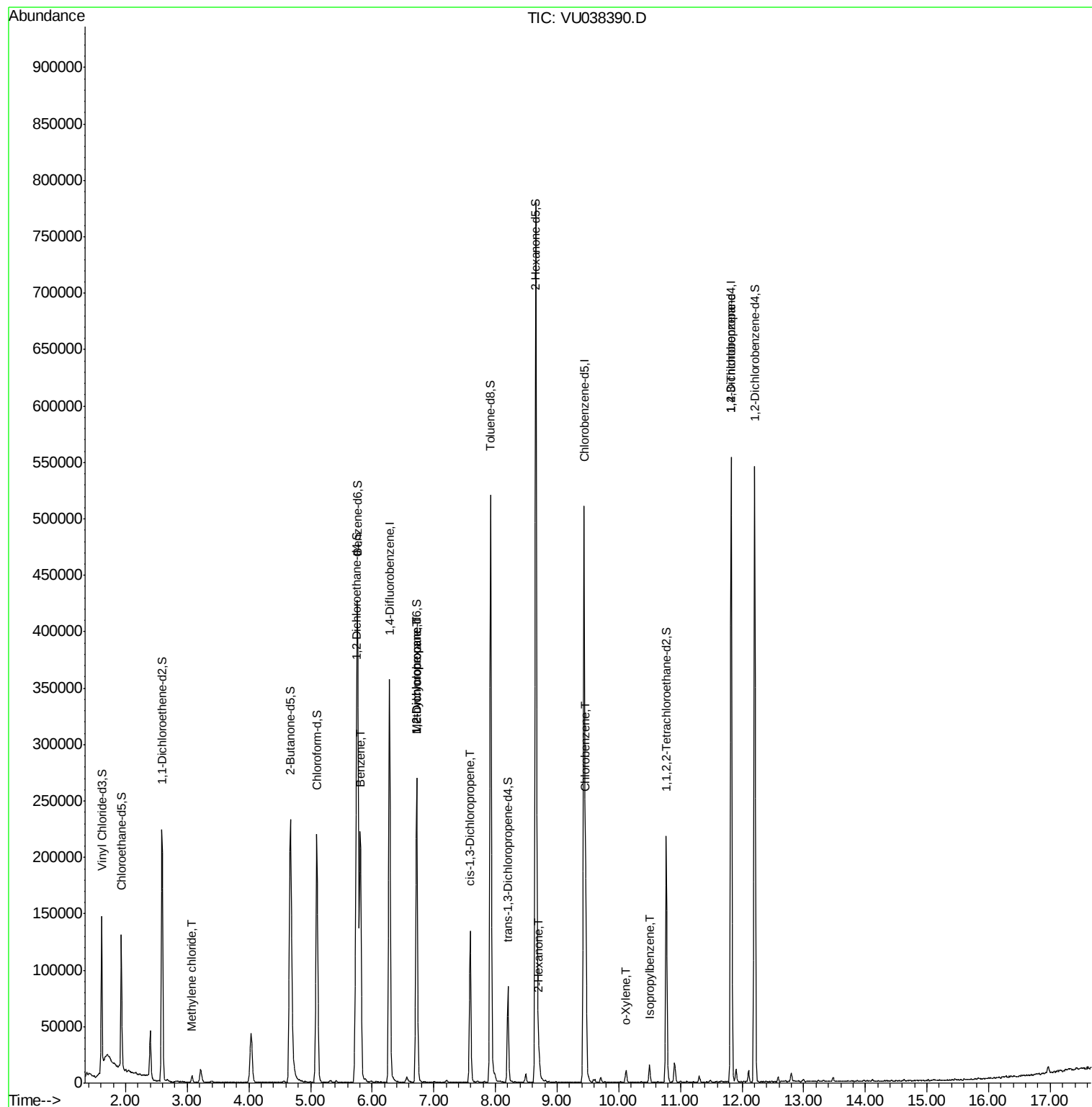
					Ovalue
16) Methylene chloride	3.08	84	2466	0.104 ug/L	97
33) Benzene	5.81	78	204864	2.229 ug/L	100
35) Methylcyclohexane	6.72	83	30449	0.818 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	14058	0.563 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3397	0.095 ug/L #	53
48) 2-Hexanone	8.71	43	11763	0.928 ug/L #	94
51) Chlorobenzene	9.47	112	80914	1.344 ug/L	98
54) o-Xylene	10.12	106	2742	0.070 ug/L	89
56) Isopropylbenzene	10.50	105	9844	0.098 ug/L	99
59) 1,2,3-Trichloropropane	11.82	75	18335	1.094 ug/L	97

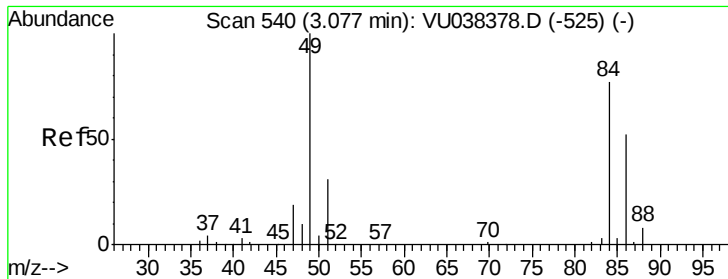
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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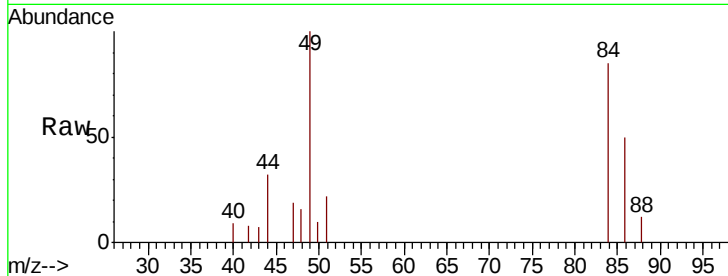




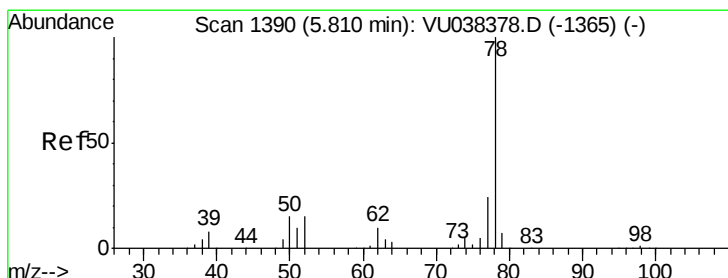
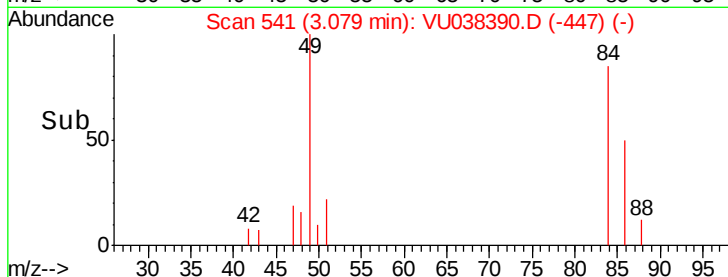
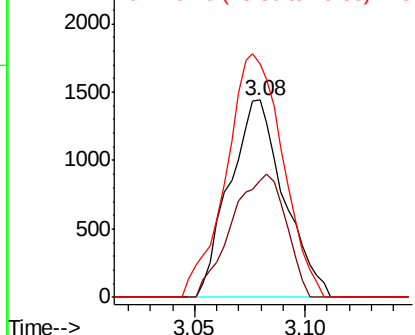
#16
Methvlene chloride
Concen: 0.104 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038390.D
Acq: 29 May 2020 20:47

Instrument :
MSVOA_U
ClientSampleId :

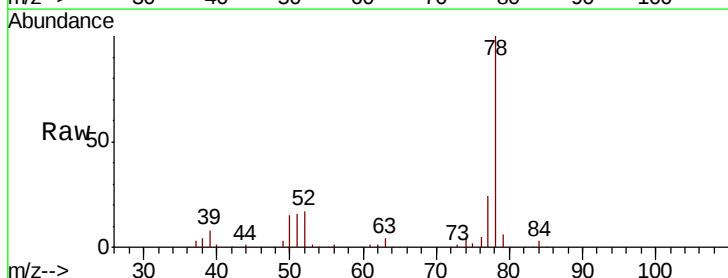
Tot Ion: 84 Resp: 2466
Ion Ratio Lower Upper
84 100
86 59.3 44.9 83.3
49 129.8 92.0 170.9



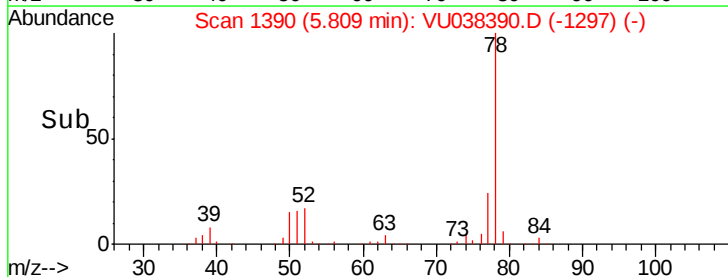
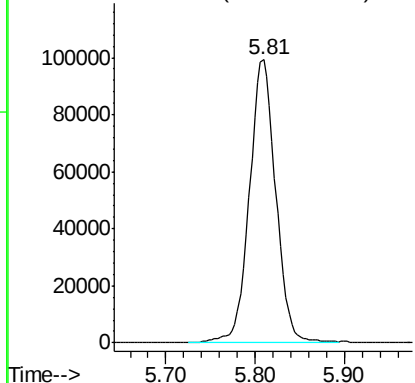
Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

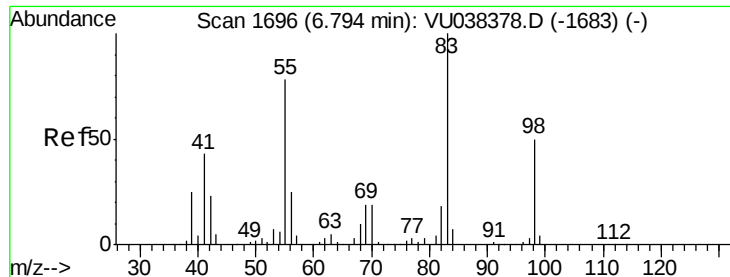


#33
Benzene
Concen: 2.229 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038390.D
Acq: 29 May 2020 20:47
Tgt Ion: 78 Resp: 204864



Abundance Ion 78.10 (77.80 to 78.80): VU0





#35

Methylcyclohexane

Concen: 0.818 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038390.D

Acq: 29 May 2020 20:47

Instrument :
MSVOA_U
ClientSampled :

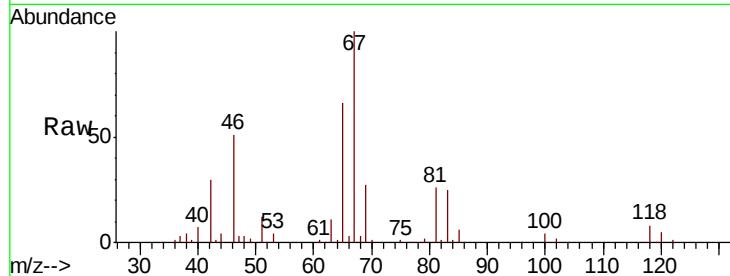
Tot Ion: 83 Resp: 30449

Ion Ratio Lower Upper

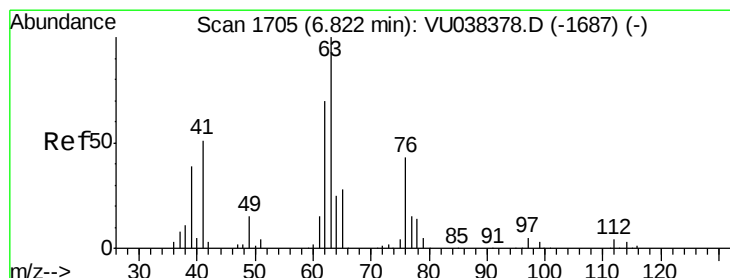
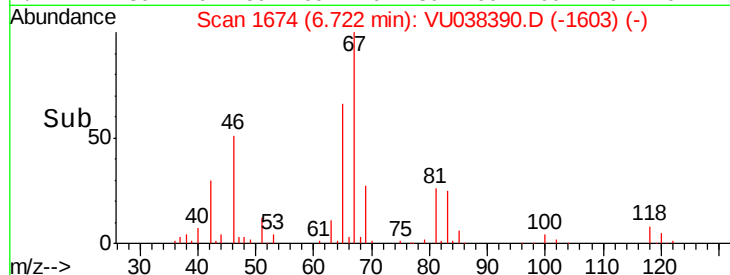
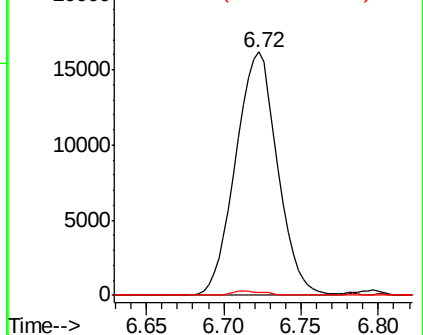
83 100

55 0.2 66.7 100.1#

98 1.3 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: 0.563 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038390.D

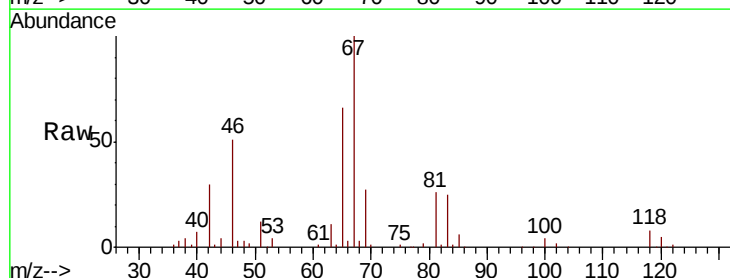
Acq: 29 May 2020 20:47

Tgt Ion: 63 Resp: 14058

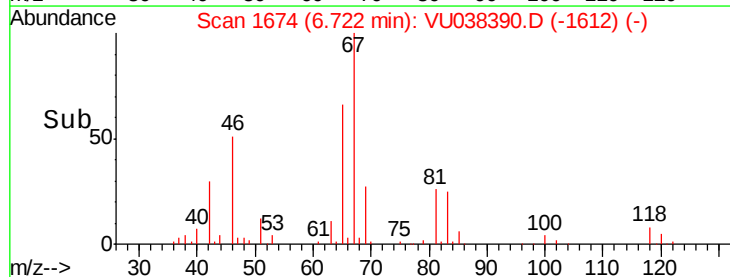
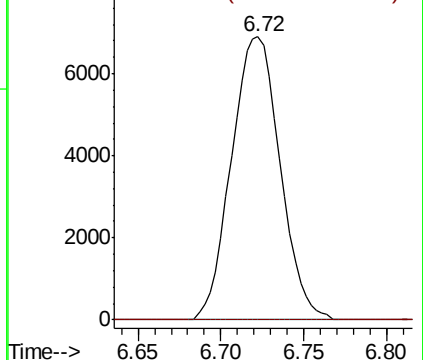
Ion Ratio Lower Upper

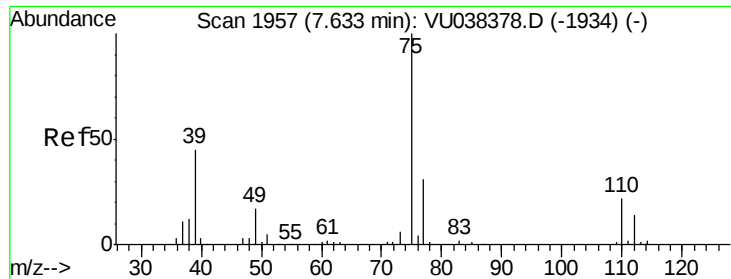
63 100

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



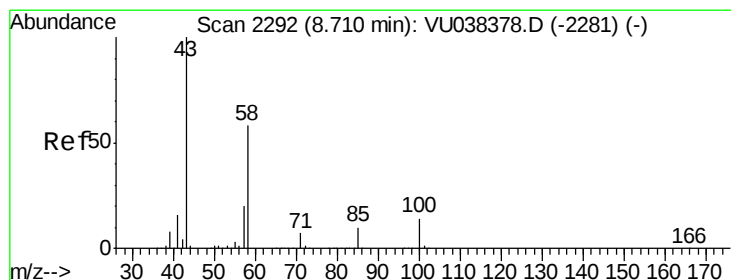
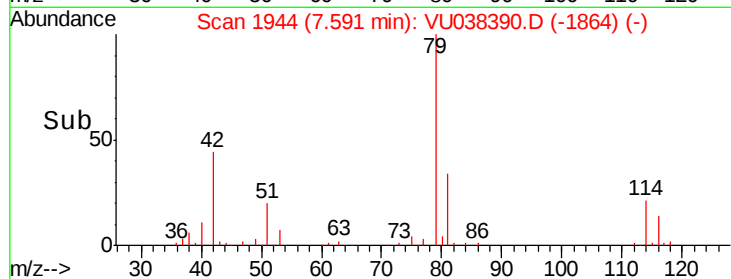
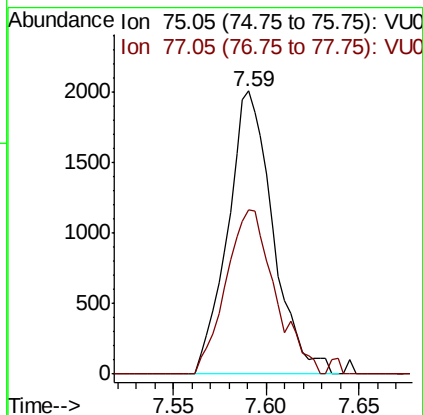
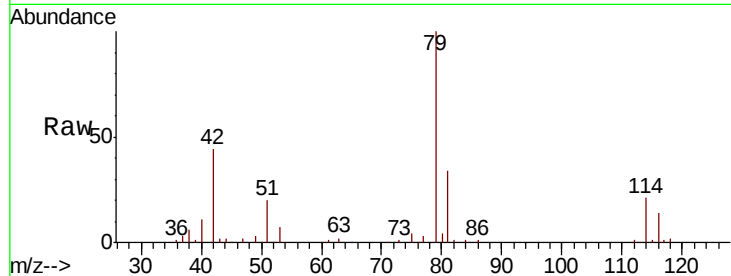


#39

cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038390.D
Acq: 29 May 2020 20:47

Instrument :
MSVOA_U
ClientSampleId :

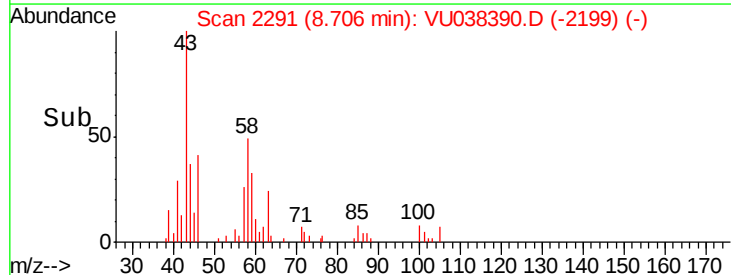
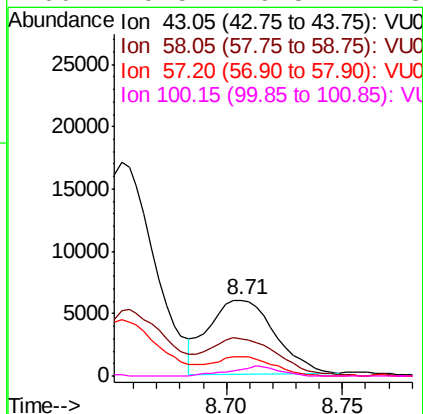
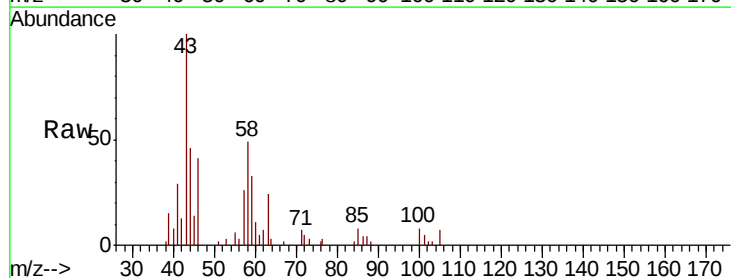
Tot Ion: 75 Resp: 3397
Ion Ratio Lower Upper
75 100
77 58.1 22.4 41.6#

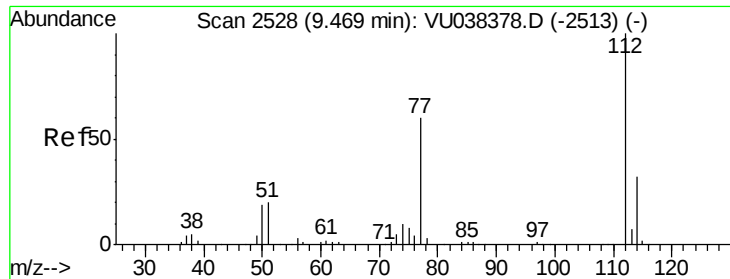


#48

2-Hexanone
Concen: 0.928 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038390.D
Acq: 29 May 2020 20:47

Tgt Ion: 43 Resp: 11763
Ion Ratio Lower Upper
43 100
58 52.8 45.2 67.8
57 22.5 15.5 23.3
100 9.5 9.5 14.3#





#51

Chlorobenzene

Concen: 1.344 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038390.D

Acq: 29 May 2020 20:47

Instrument :

MSVOA_U

ClientSampleId :

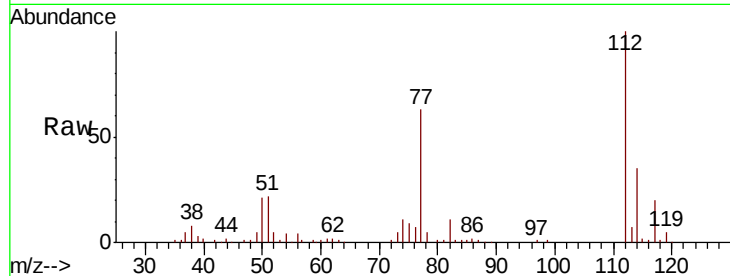
Tot Ion:112 Resp: 80914

Ion Ratio Lower Upper

112 100

114 34.8 22.5 41.7

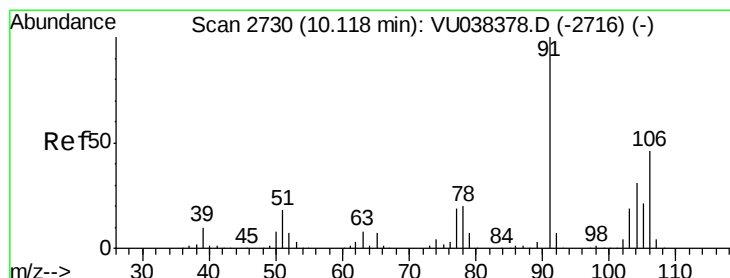
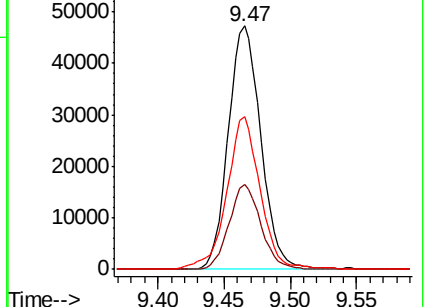
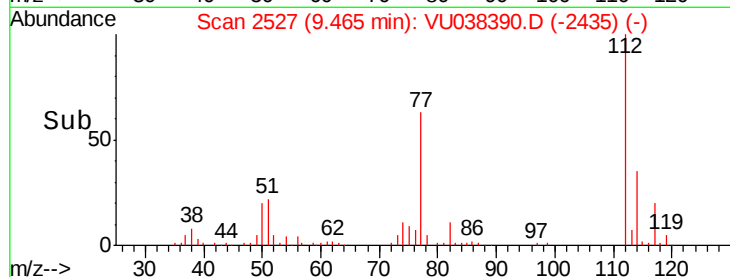
77 62.7 49.9 74.9



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): VU0



#54

o-Xylene

Concen: 0.070 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VU038390.D

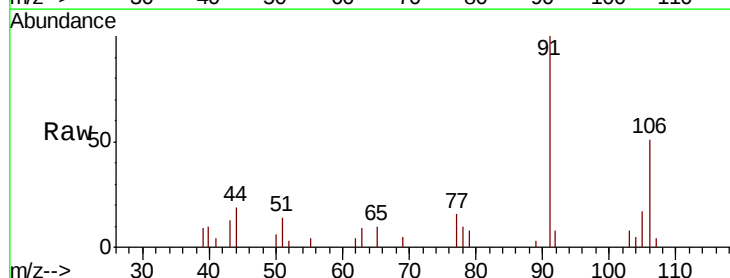
Acq: 29 May 2020 20:47

Tgt Ion:106 Resp: 2742

Ion Ratio Lower Upper

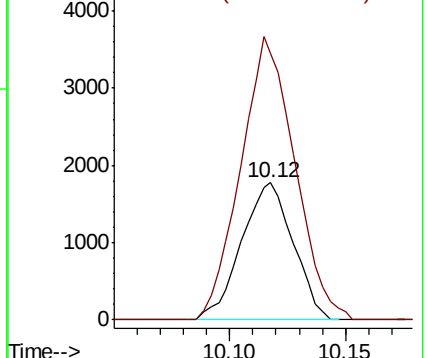
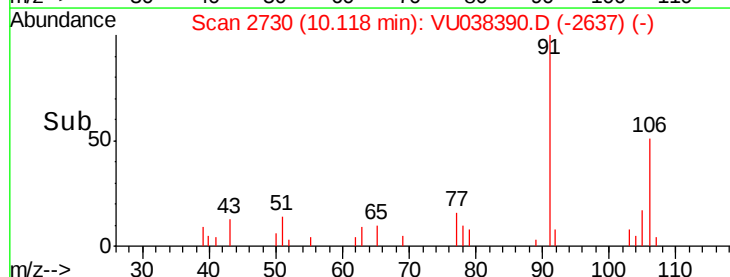
106 100

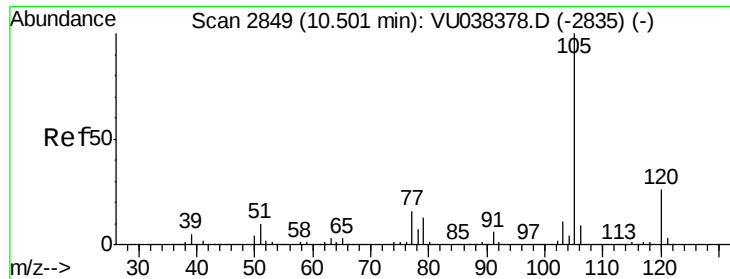
91 195.1 148.5 275.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.098 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038390.D

Acq: 29 May 2020 20:47

Instrument :

MSVOA_U

ClientSampleId :

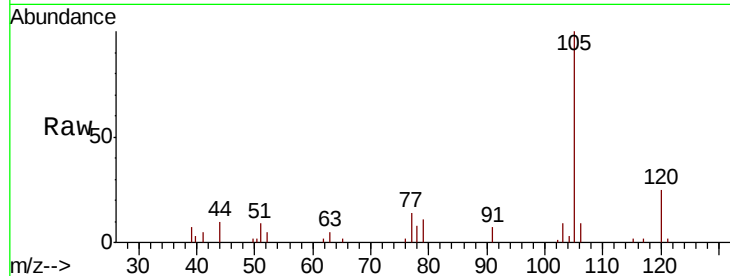
Tot Ion:105 Resp: 9844

Ion Ratio Lower Upper

105 100

120 27.4 21.0 31.6

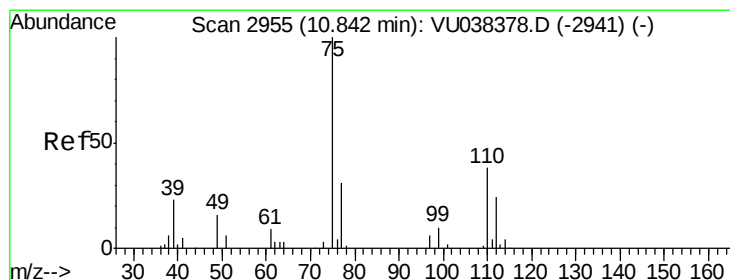
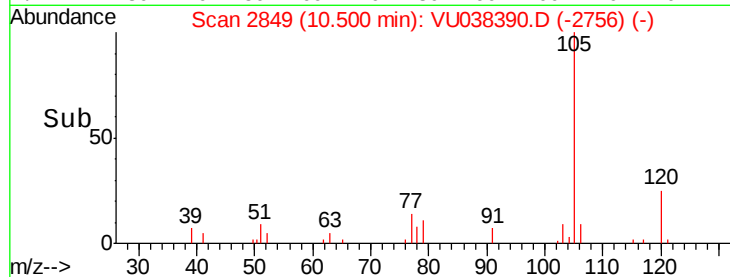
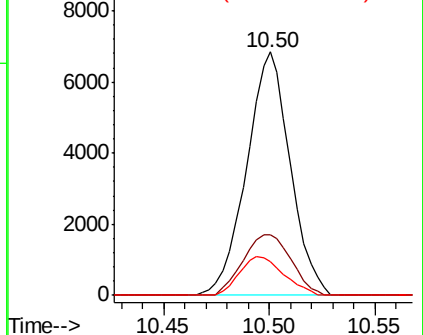
77 16.1 13.0 19.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 1.094 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038390.D

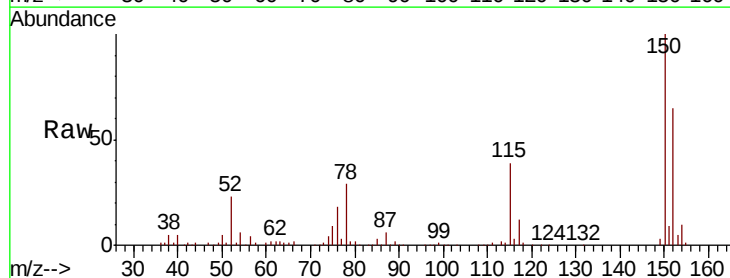
Acq: 29 May 2020 20:47

Tgt Ion: 75 Resp: 18335

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

