

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053020\
 Data File : VU038397.D
 Acq On : 29 May 2020 23:29
 Operator : JC/MD
 Sample : L2766-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 30 00:07:17 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	294255	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143974	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89058	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.93	69	83608	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.80%
11) 1,1-Dichloroethene-d2	2.59	63	140558	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.67	46	336289	50.64	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.28%
24) Chloroform-d	5.10	84	197472	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.74	65	115785	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	406315	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	126590	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.92	98	352197	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	46543	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.65	63	279080	52.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105114	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	143195	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

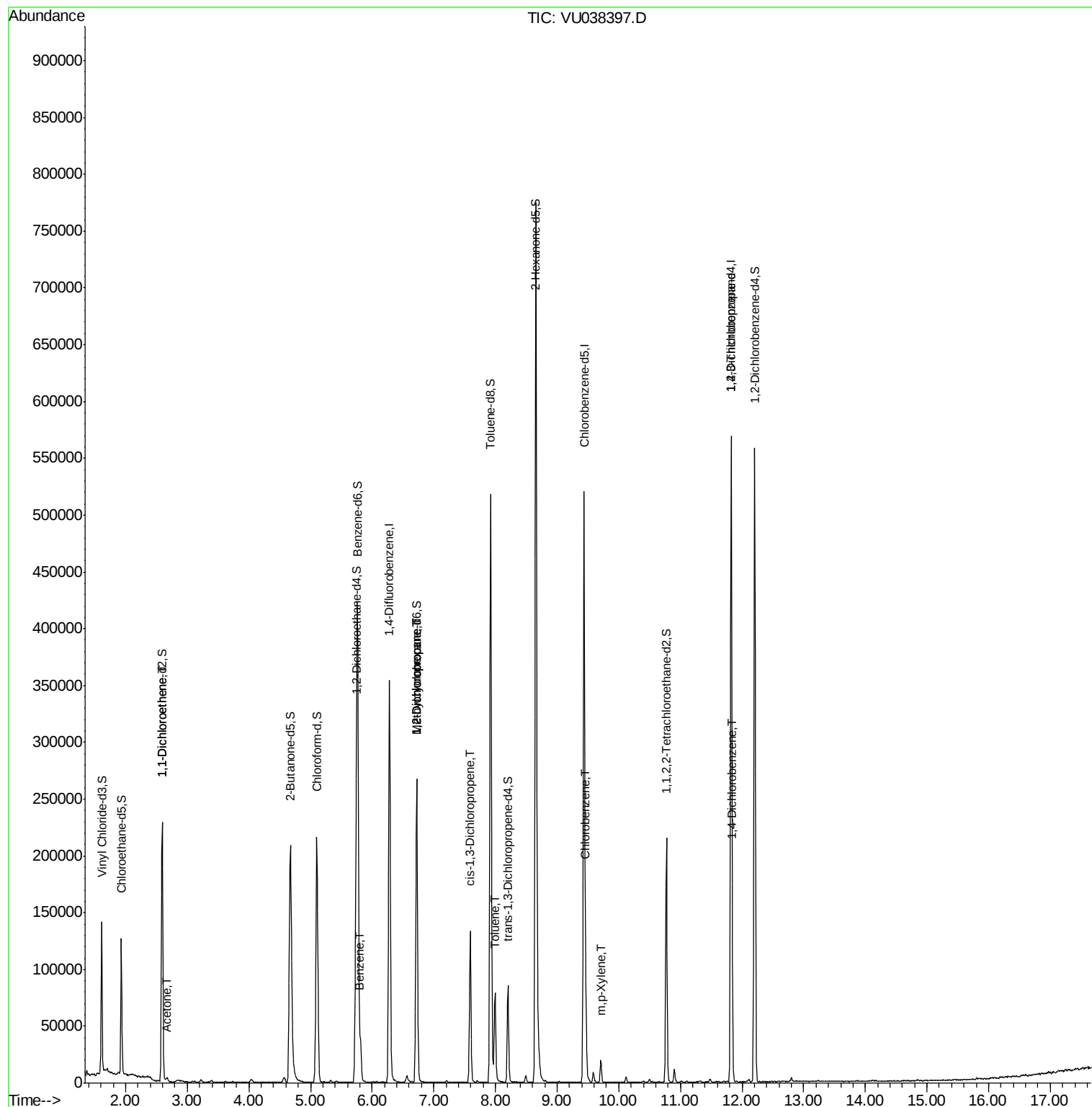
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1359	0.067	ug/L #	1
13) Acetone	2.67	43	5430	1.303	ug/L	92
33) Benzene	5.81	78	31039	0.331	ug/L	100
35) Methylcyclohexane	6.72	83	28940	0.763	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	13967	0.549	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3587	0.099	ug/L #	68
42) Toluene	7.99	91	51552	0.521	ug/L	93
51) Chlorobenzene	9.47	112	32520	0.530	ug/L	95
53) m,p-Xylene	9.71	106	5369	0.131	ug/L	84
59) 1,2,3-Trichloropropane	11.83	75	19781	1.159	ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	6306	0.133	ug/L	93

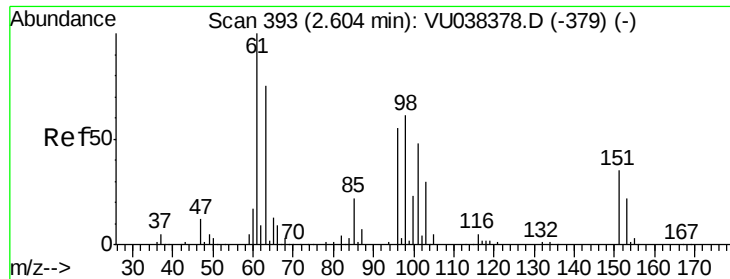
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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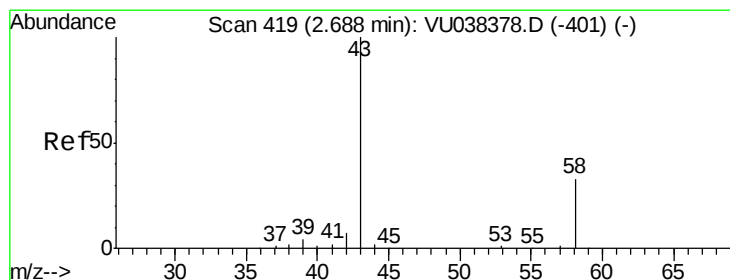
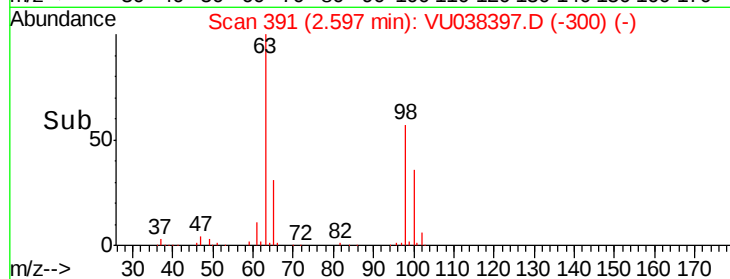
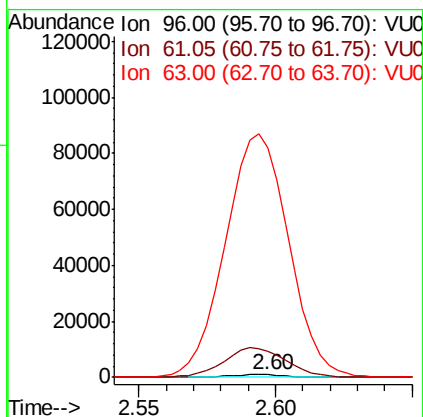
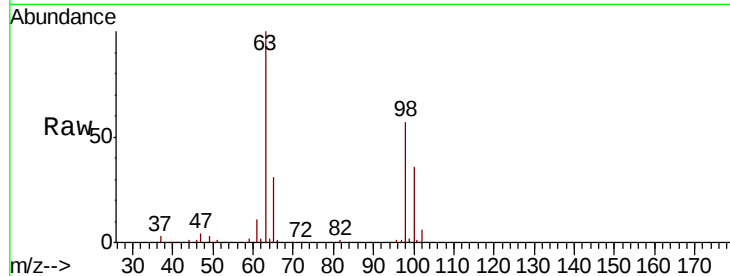




#12
 1,1-Dichloroethene
 Concen: 0.067 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU038397.D
 Acq: 29 May 2020 23:29

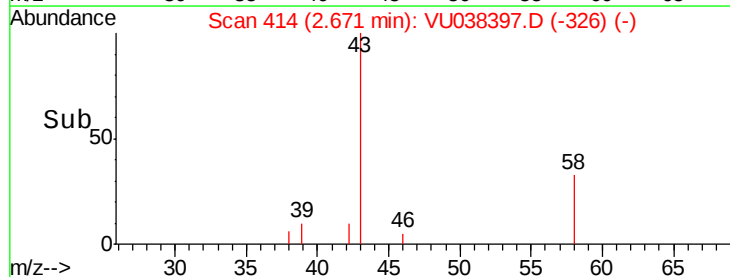
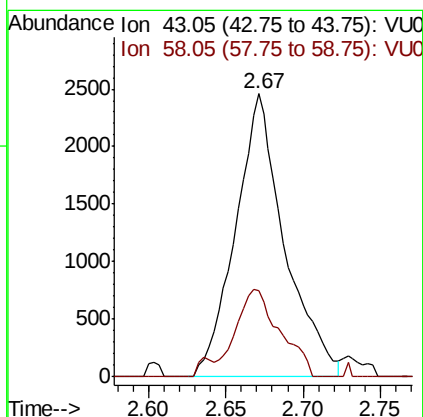
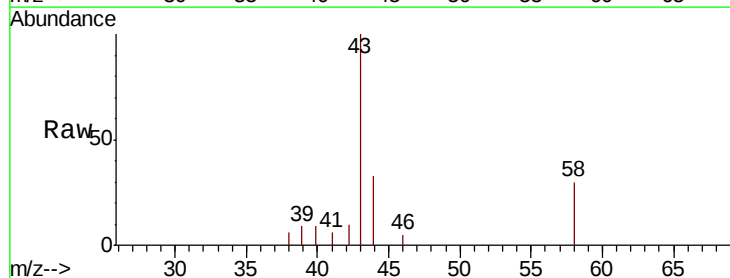
Instrument :
 MSVOA_U
 ClientSampled :

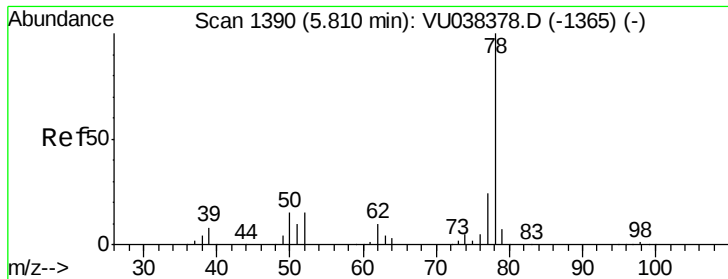
Tot Ion: 96 Resp: 1359
 Ion Ratio Lower Upper
 96 100
 61 977.3 126.2 234.4#
 63 8624.7 96.9 179.9#



#13
 Acetone
 Concen: 1.303 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.02 min
 Lab File: VU038397.D
 Acq: 29 May 2020 23:29

Tgt Ion: 43 Resp: 5430
 Ion Ratio Lower Upper
 43 100
 58 27.6 0.0 63.6





#33

Benzene

Concen: 0.331 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038397.D

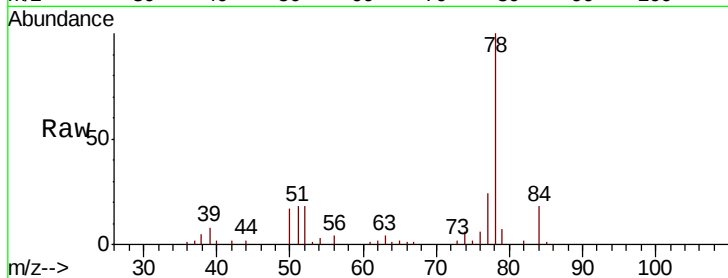
Acq: 29 May 2020 23:29

Instrument :

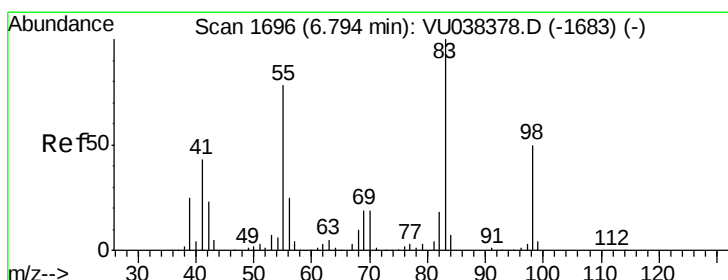
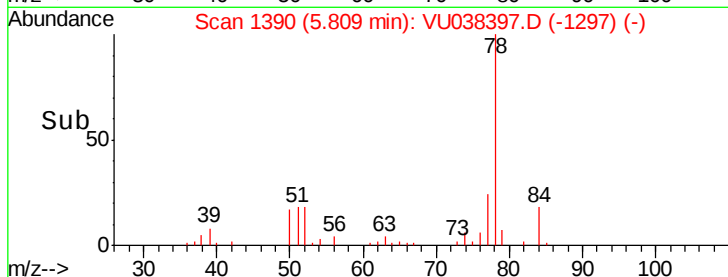
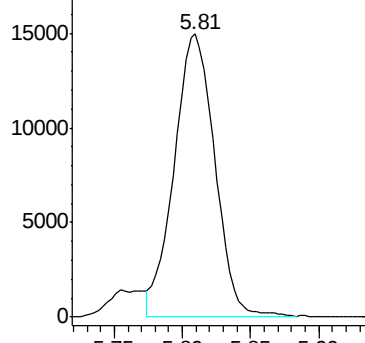
MSVOA_U

ClientSampled :

Tgt Ion: 78 Resp: 31039



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.763 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038397.D

Acq: 29 May 2020 23:29

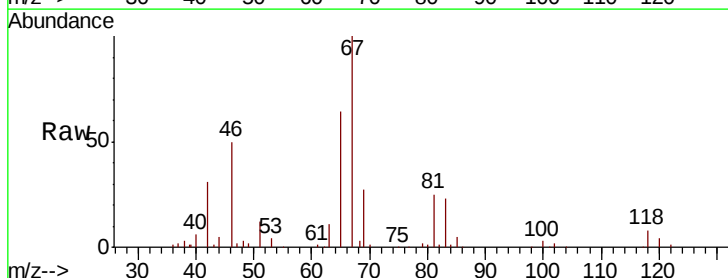
Tgt Ion: 83 Resp: 28940

Ion	Ratio	Lower	Upper
83	100		
55	0.1	66.7	100.1#
98	1.9	39.4	59.2#

83 100

55 0.1 66.7 100.1#

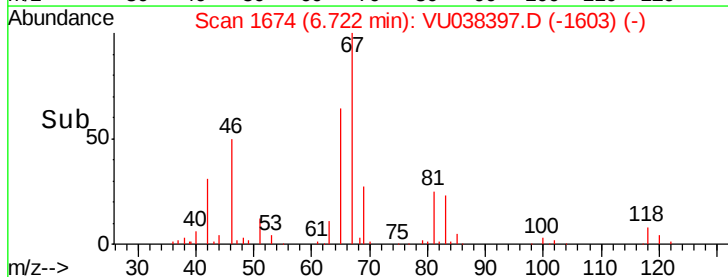
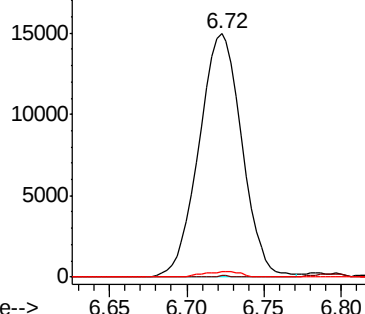
98 1.9 39.4 59.2#

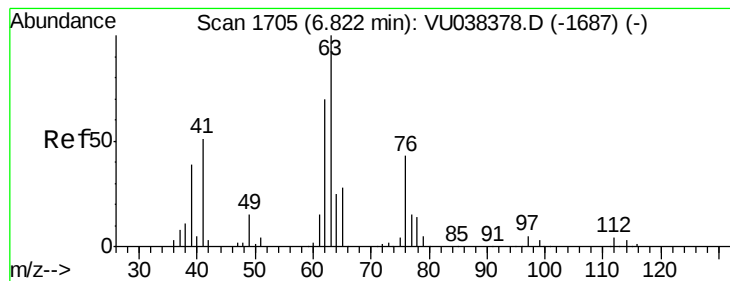


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.549 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038397.D

Acq: 29 May 2020 23:29

Instrument :

MSVOA_U

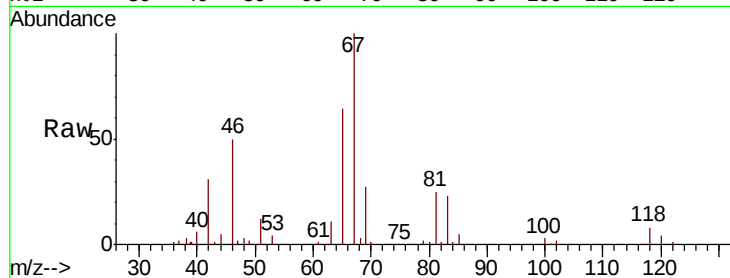
ClientSampleId :

Tot Ion: 63 Resp: 13967

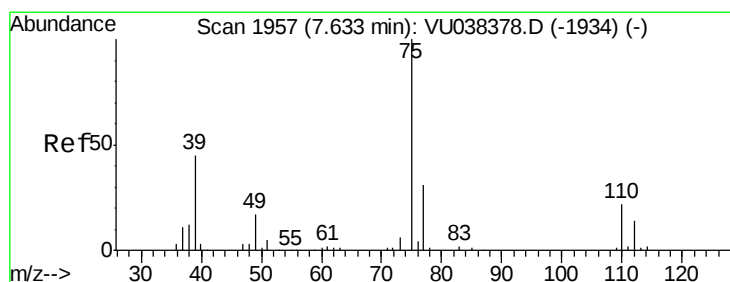
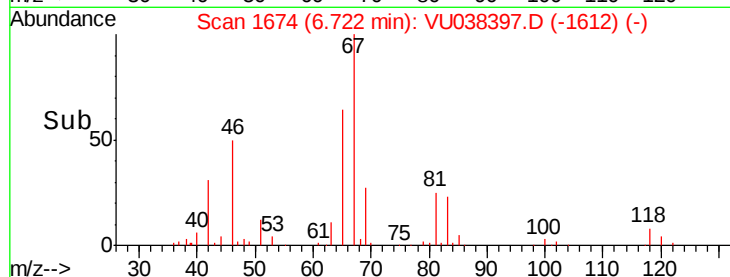
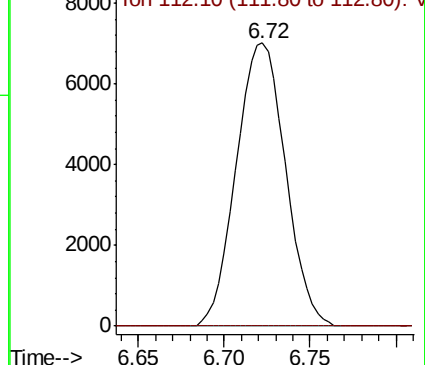
Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038397.D (-1612) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU038397.D

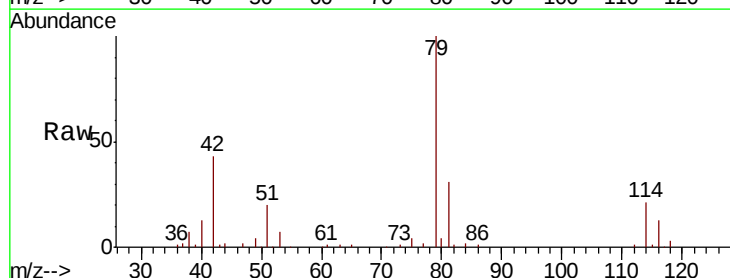
Acq: 29 May 2020 23:29

Tgt Ion: 75 Resp: 3587

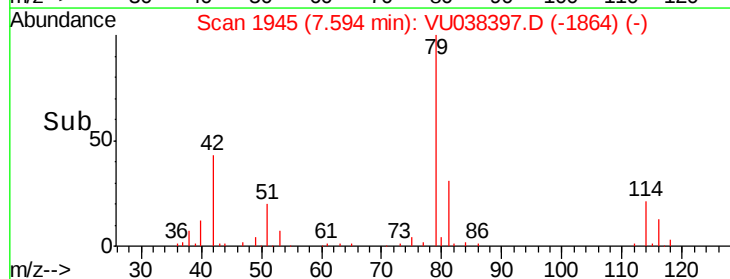
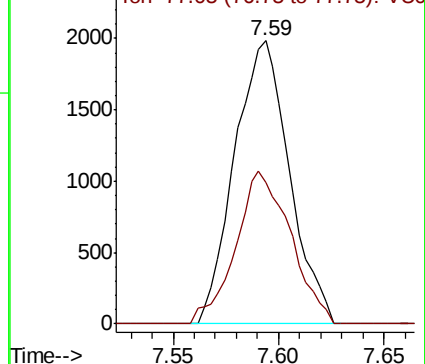
Ion Ratio Lower Upper

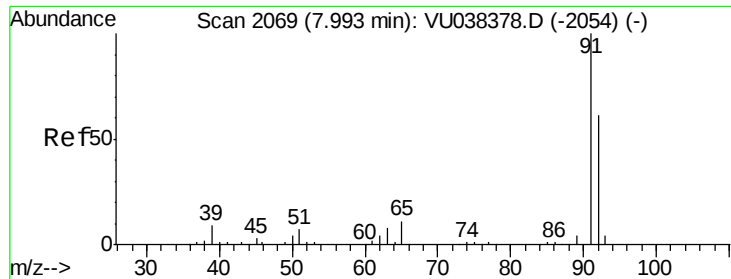
75 100

77 49.9 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038397.D (-1864) (-)





#42

Toluene

Concen: 0.521 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038397.D

Acq: 29 May 2020 23:29

Instrument :

MSVOA_U

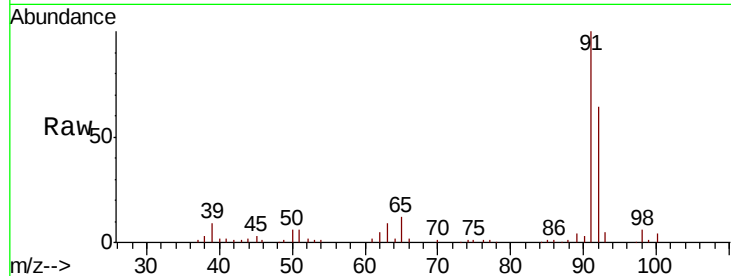
ClientSampleId :

Tot Ion: 91 Resp: 51552

Ion Ratio Lower Upper

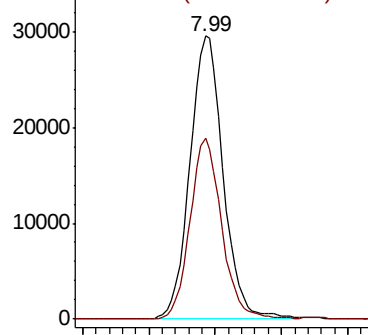
91 100

92 63.9 40.9 75.9

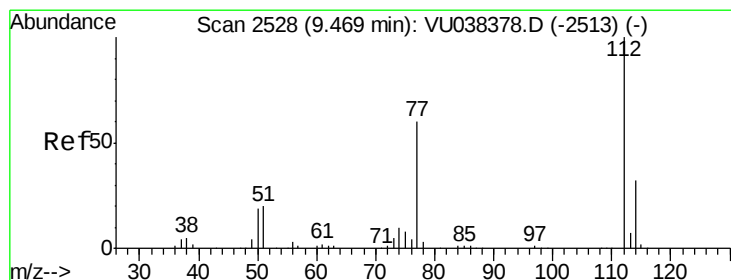
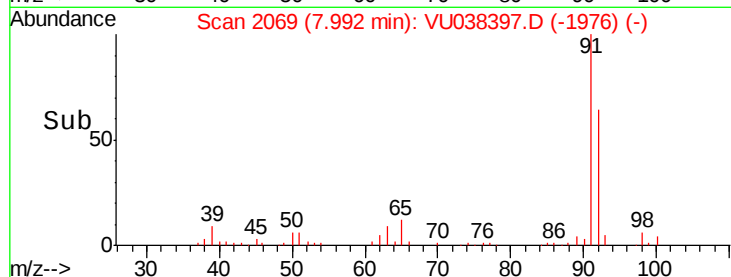


Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



Time-->



#51

Chlorobenzene

Concen: 0.530 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038397.D

Acq: 29 May 2020 23:29

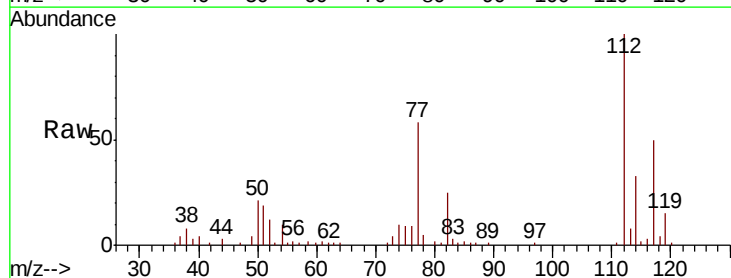
Tgt Ion: 112 Resp: 32520

Ion Ratio Lower Upper

112 100

114 33.5 22.5 41.7

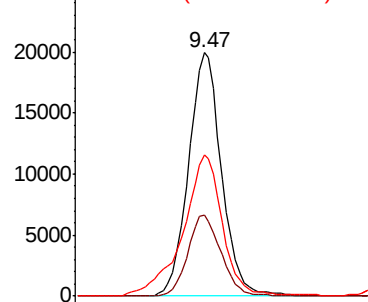
77 57.8 49.9 74.9



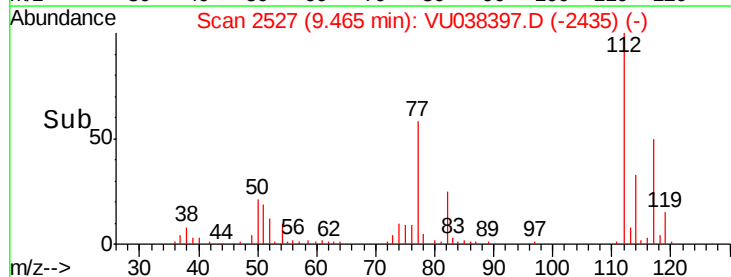
Abundance Ion 112.10 (111.80 to 112.80): V

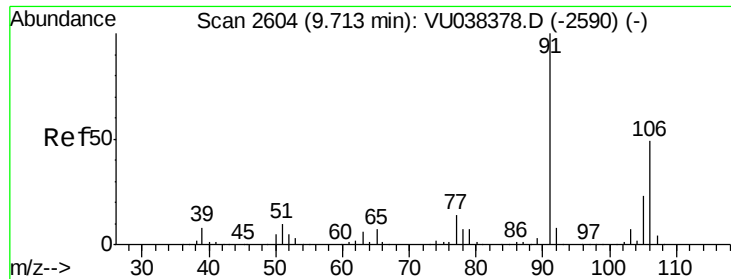
Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0



Time-->





#53

m,p-Xylene

Concen: 0.131 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038397.D

Acq: 29 May 2020 23:29

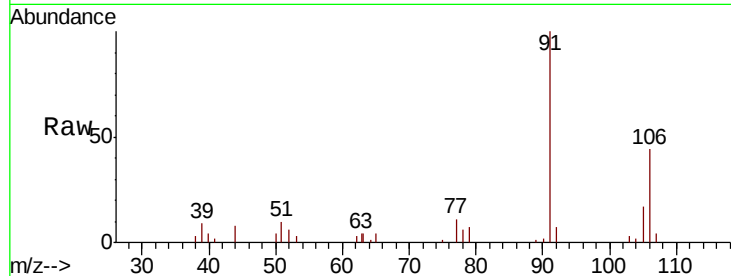
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 5369

Ion Ratio Lower Upper

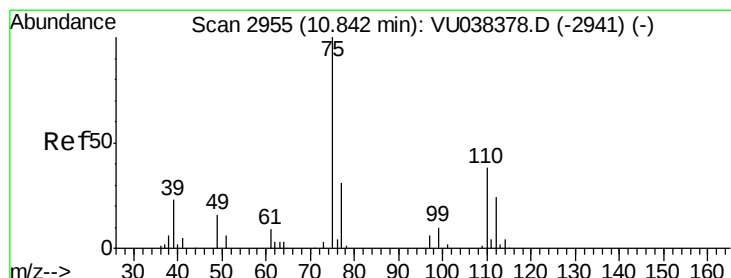
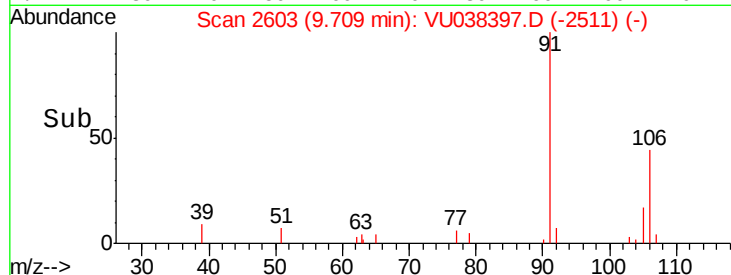
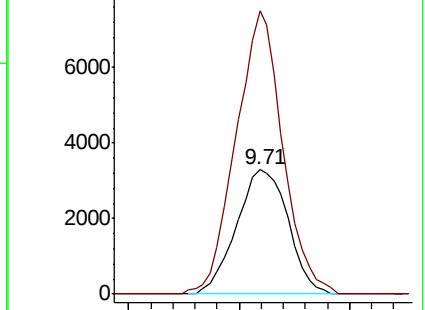
106 100

91 227.3 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): VU038397.D (-2511) (-)

Ion 91.15 (90.85 to 91.85): VU038397.D (-2511) (-)



#59

1,2,3-Trichloropropane

Concen: 1.159 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038397.D

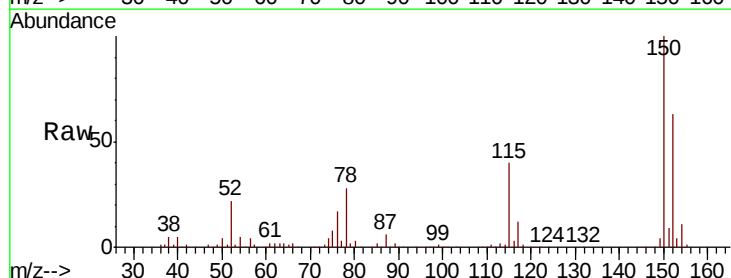
Acq: 29 May 2020 23:29

Tgt Ion: 75 Resp: 19781

Ion Ratio Lower Upper

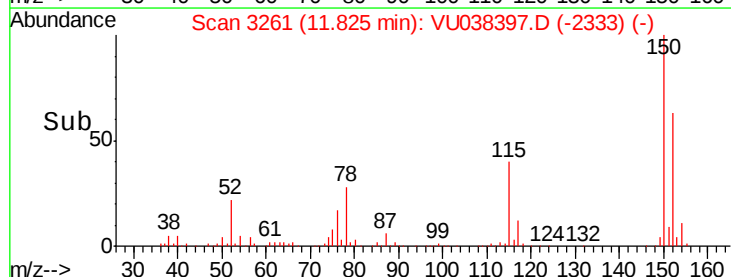
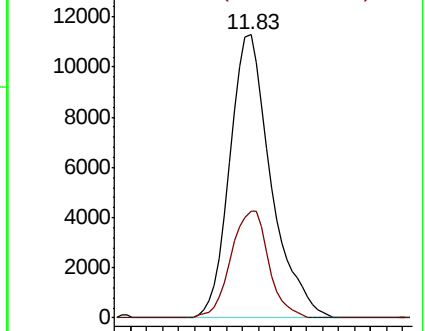
75 100

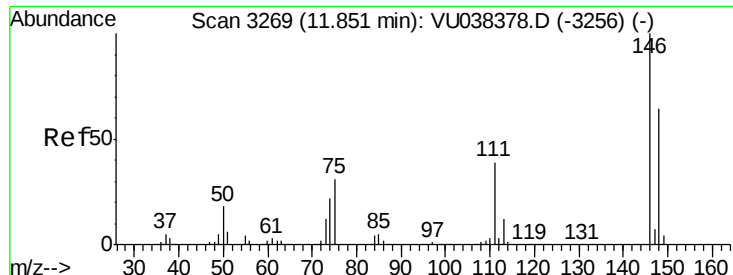
77 34.7 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU038397.D (-2333) (-)

Ion 77.00 (76.70 to 77.70): VU038397.D (-2333) (-)





#63

1,4-Dichlorobenzene

Concen: 0.133 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU038397.D

Acq: 29 May 2020 23:29

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ClientSampleId :

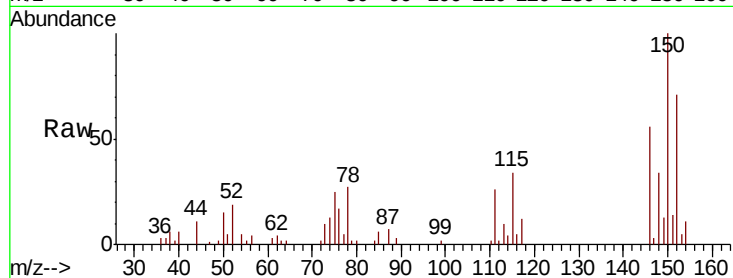
Tot Ion:146 Resp: 6306

Ion Ratio Lower Upper

146 100

111 47.2 27.2 50.6

148 60.6 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

