

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053020\
 Data File : VU038396.D
 Acq On : 29 May 2020 23:06
 Operator : JC/MD
 Sample : L2766-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 30 00:07:10 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	295531	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92630	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.93	69	85211	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.59	63	140292	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.67	46	340917	51.12	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	5.10	84	200938	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.74	65	117678	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.76	84	407686	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	129448	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.92	98	356923	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	49664	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.65	63	279443	52.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109829	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	143969	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

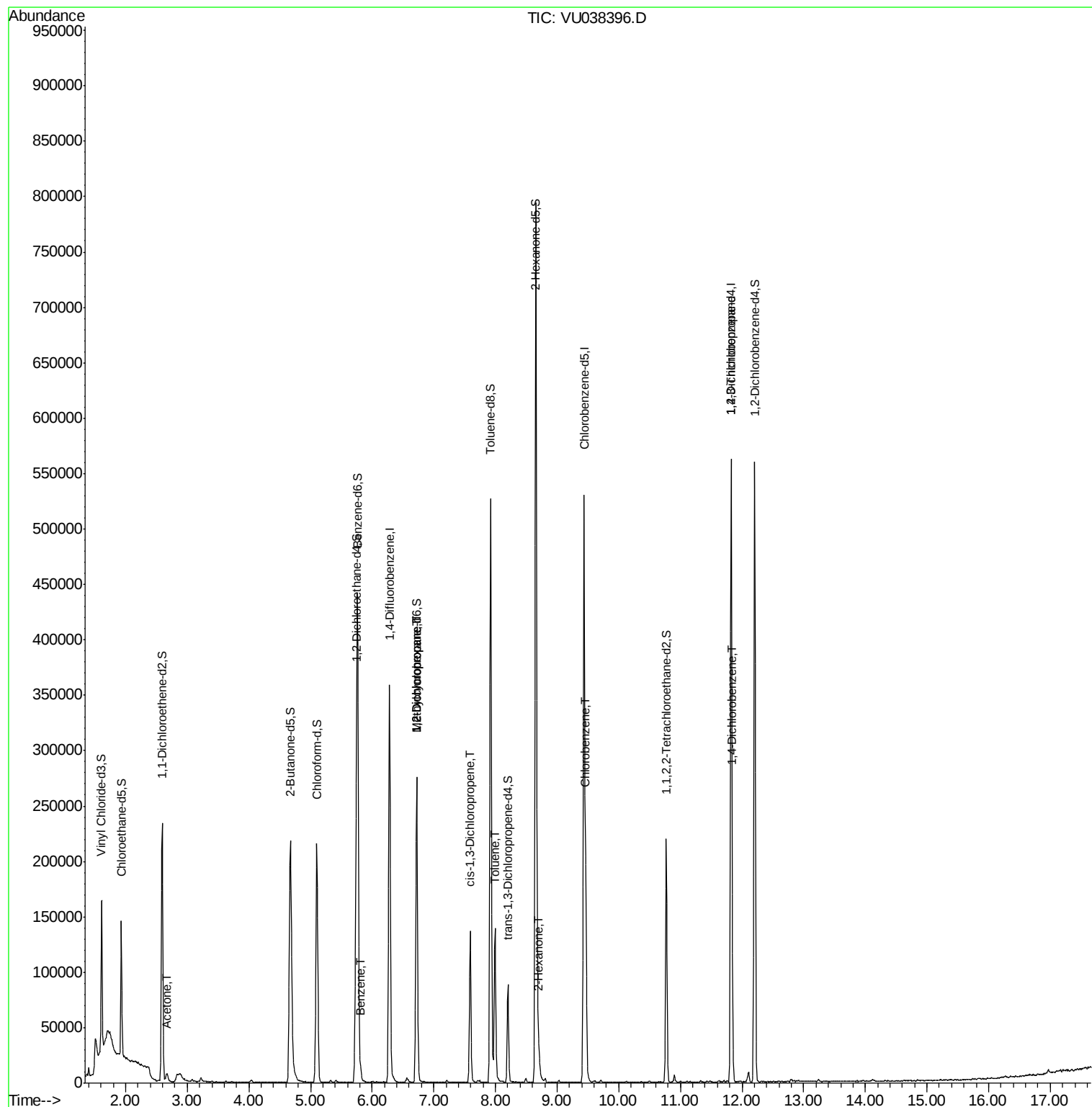
					Ovalue
13) Acetone	2.67	43	10931	2.612	ug/L 80
33) Benzene	5.81	78	7875	0.084	ug/L 100
35) Methylcyclohexane	6.72	83	31486	0.829	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	14676	0.576	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3206	0.088	ug/L # 47
42) Toluene	7.99	91	98900	0.999	ug/L 96
48) 2-Hexanone	8.71	43	12917	0.999	ug/L # 91
51) Chlorobenzene	9.47	112	90959	1.480	ug/L 98
59) 1,2,3-Trichloropropane	11.82	75	22172	1.297	ug/L 97
63) 1,4-Dichlorobenzene	11.85	146	12604	0.269	ug/L 96

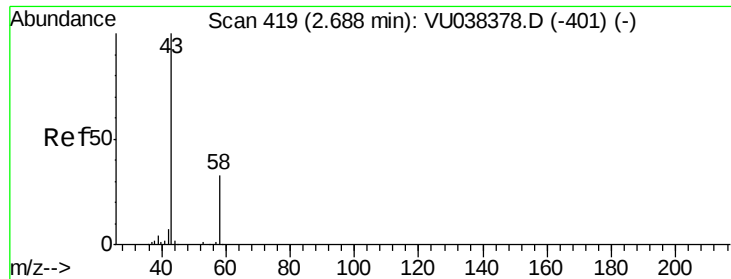
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.612 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038396.D

Acq: 29 May 2020 23:06

Instrument :

MSVOA_U

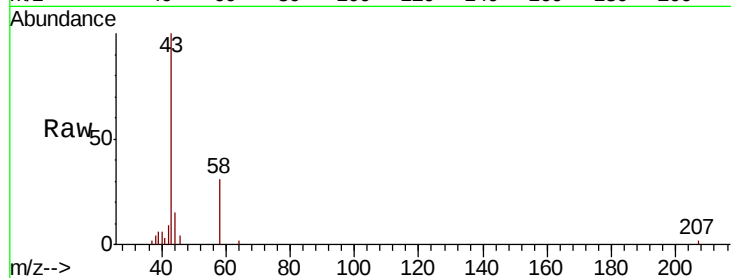
ClientSampleId :

Tot Ion: 43 Resp: 10931

Ion Ratio Lower Upper

43 100

58 20.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038378.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038378.D (-401) (-)

2.67

5000

4000

3000

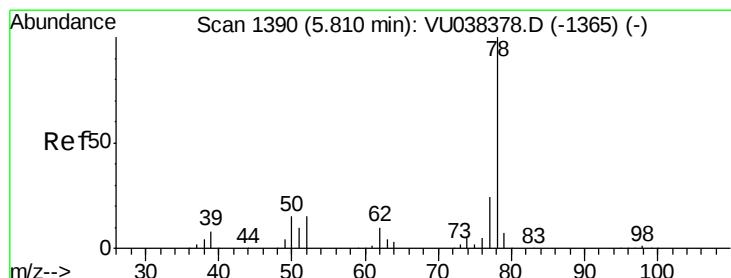
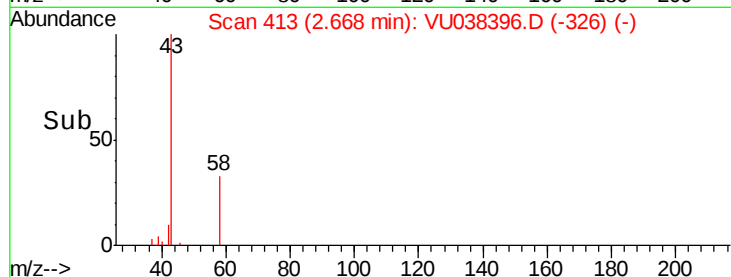
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#33

Benzene

Concen: 0.084 ug/L

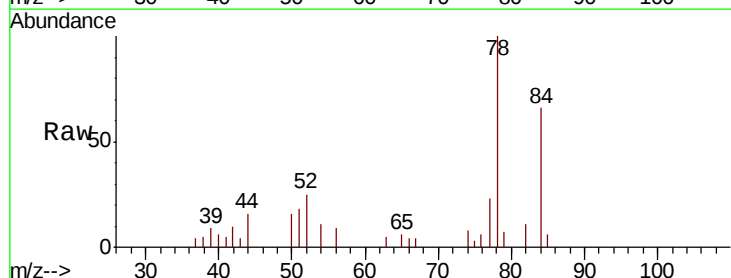
RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU038396.D

Acq: 29 May 2020 23:06

Tgt Ion: 78 Resp: 7875



Abundance Ion 78.10 (77.80 to 78.80): VU038378.D (-1365) (-)

5.81

4000

3000

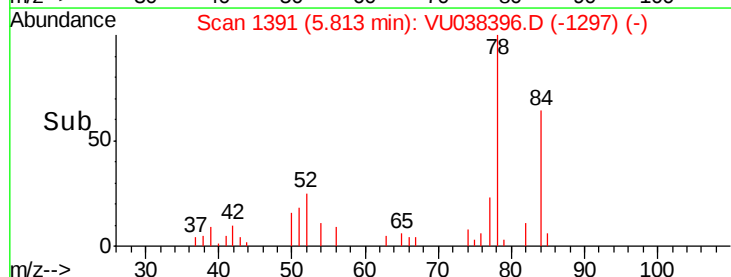
2000

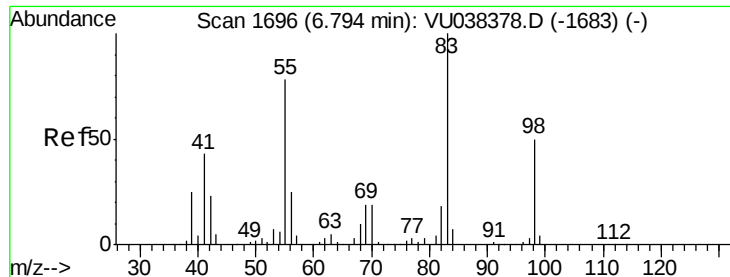
1000

0

Time-->

5.75 5.80 5.85





#35

Methylcyclohexane

Concen: 0.829 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038396.D

Acq: 29 May 2020 23:06

Instrument :
MSVOA_U
ClientSampled :

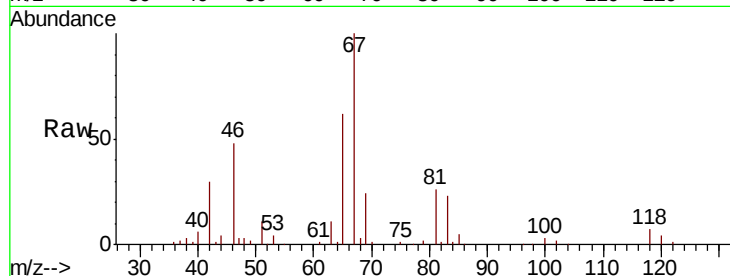
Tot Ion: 83 Resp: 31486

Ion Ratio Lower Upper

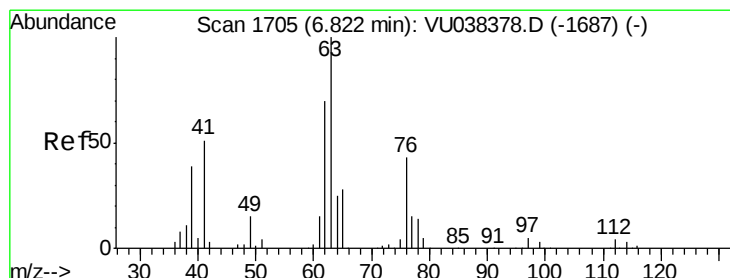
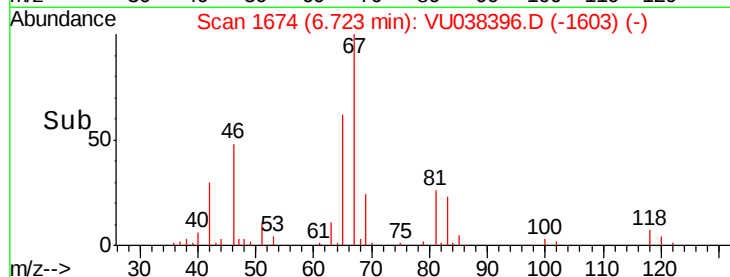
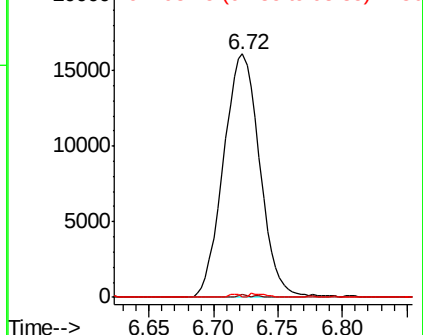
83 100

55 0.3 66.7 100.1#

98 0.4 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: 0.576 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038396.D

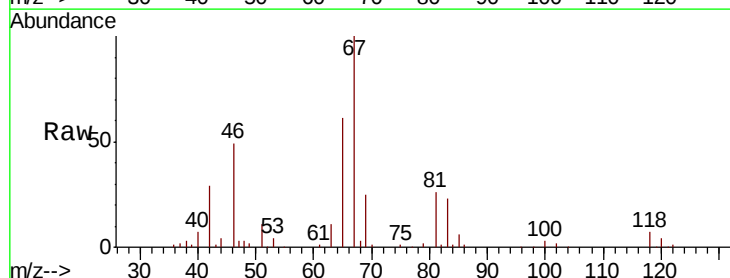
Acq: 29 May 2020 23:06

Tgt Ion: 63 Resp: 14676

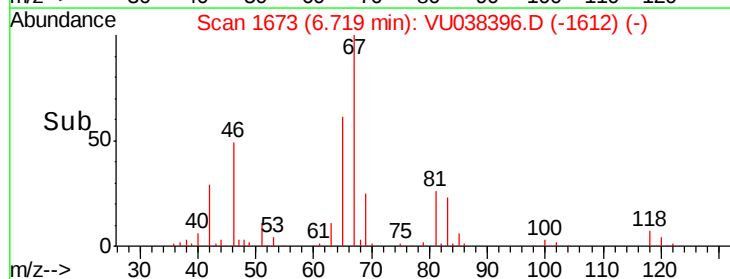
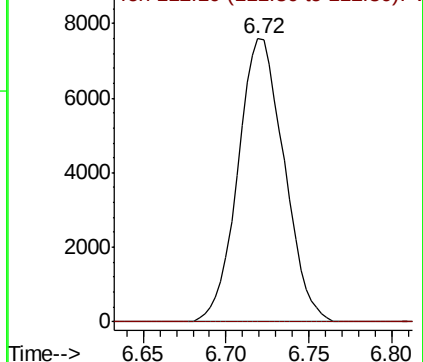
Ion Ratio Lower Upper

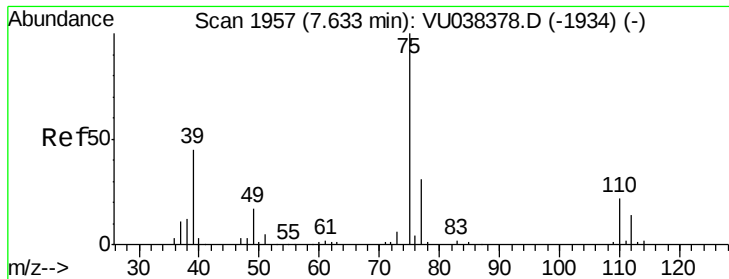
63 100

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

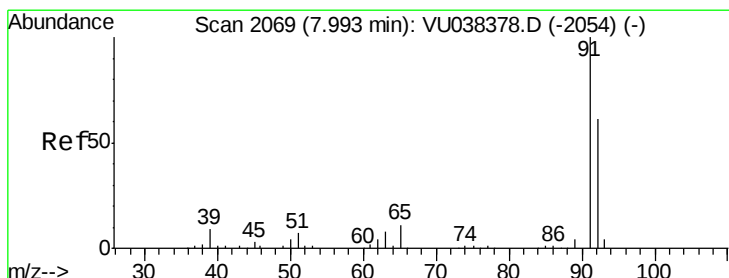
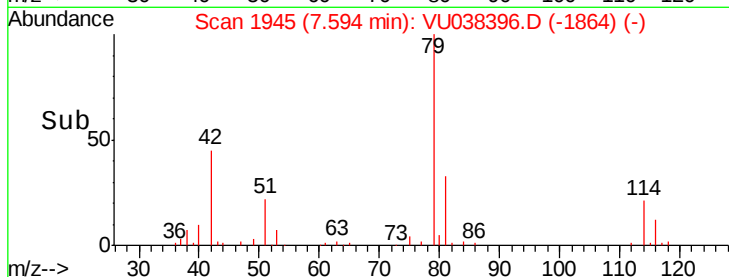
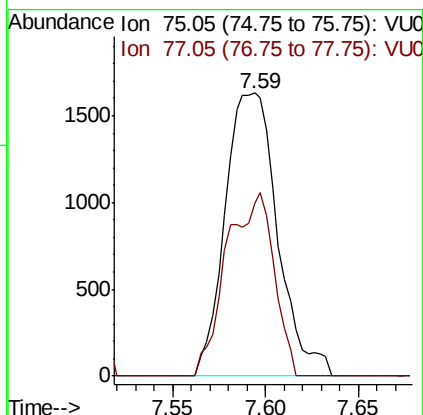
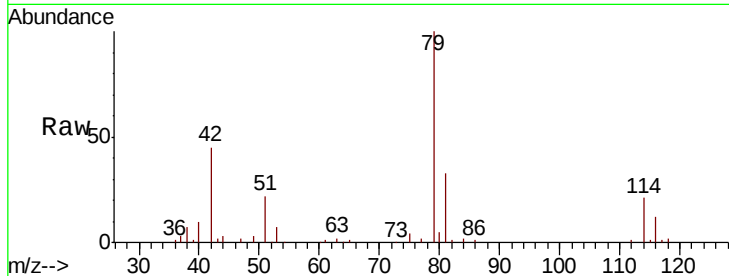




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038396.D
 Acq: 29 May 2020 23:06

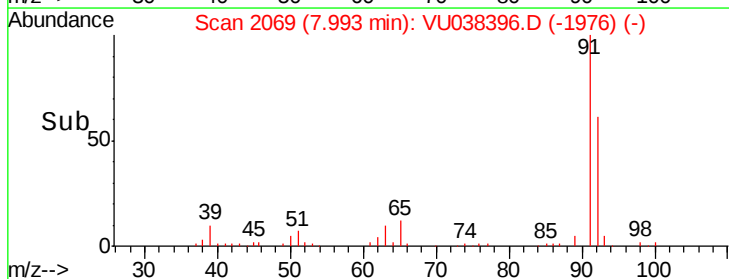
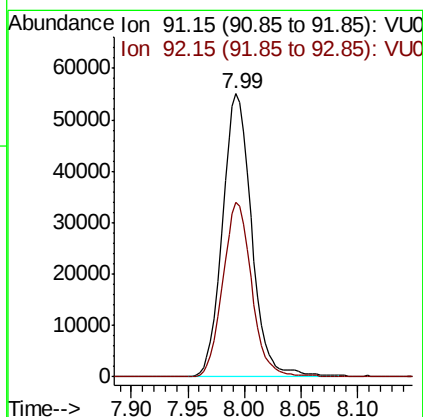
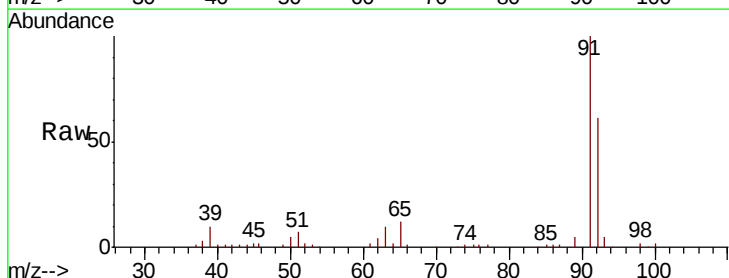
Instrument :
 MSVOA_U
 ClientSampleId :

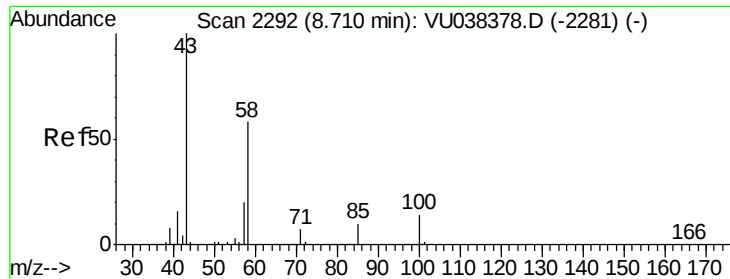
Tot Ion: 75 Resp: 3206
 Ion Ratio Lower Upper
 75 100
 77 61.4 22.4 41.6#



#42
 Toluene
 Concen: 0.999 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU038396.D
 Acq: 29 May 2020 23:06

Tgt Ion: 91 Resp: 98900
 Ion Ratio Lower Upper
 91 100
 92 61.5 40.9 75.9

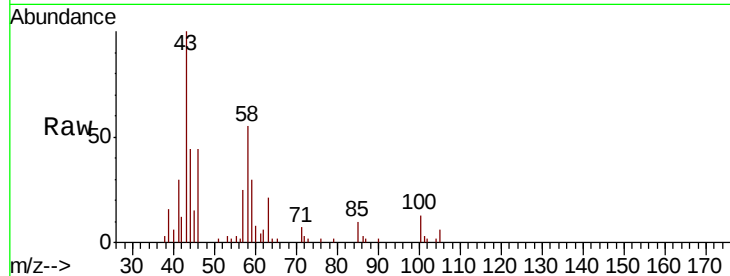




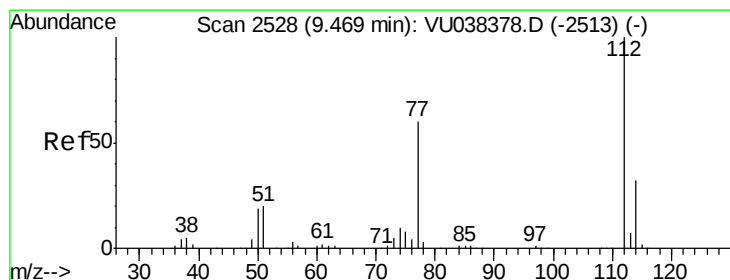
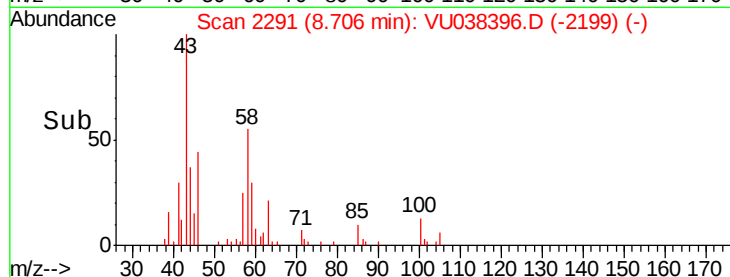
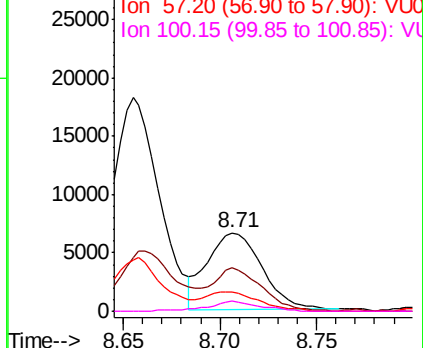
#48
2-Hexanone
Concen: 0.999 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038396.D
Acq: 29 May 2020 23:06

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 12917
Ion Ratio Lower Upper
43 100
58 50.0 45.2 67.8
57 24.7 15.5 23.3#
100 12.7 9.5 14.3

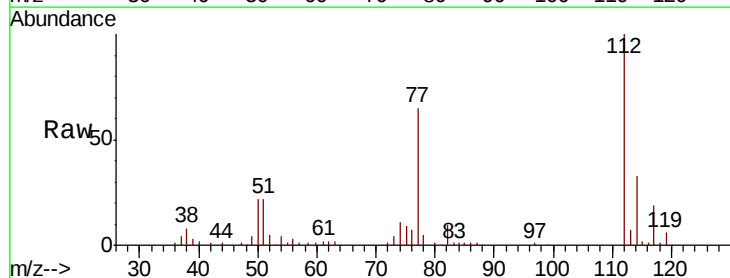


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

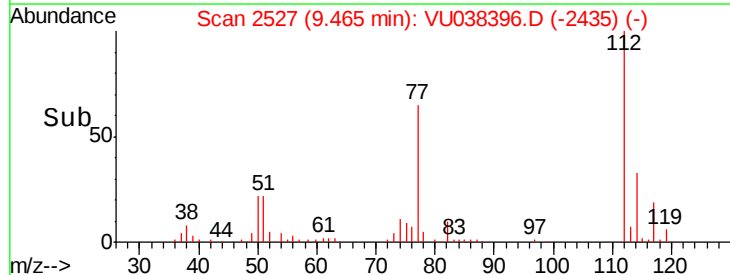
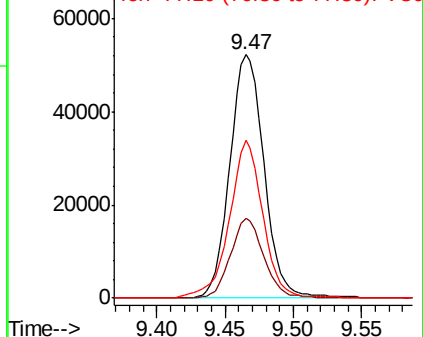


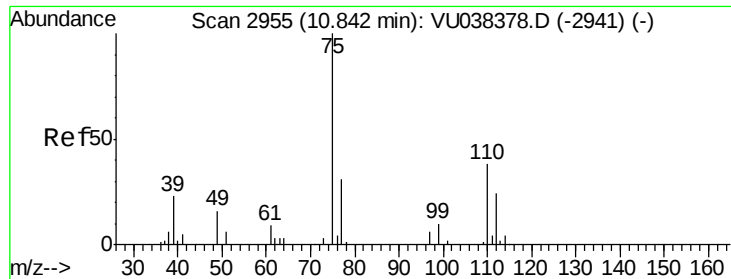
#51
Chlorobenzene
Concen: 1.480 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038396.D
Acq: 29 May 2020 23:06

Tgt Ion: 112 Resp: 90959
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.7
77 64.6 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

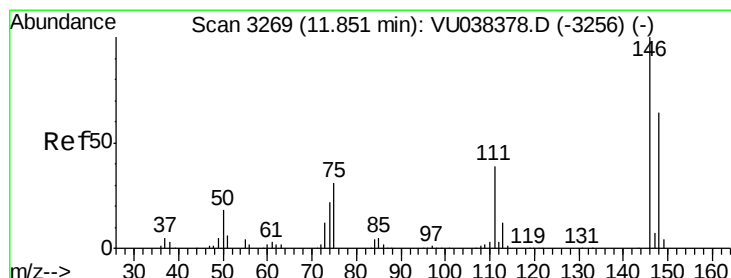
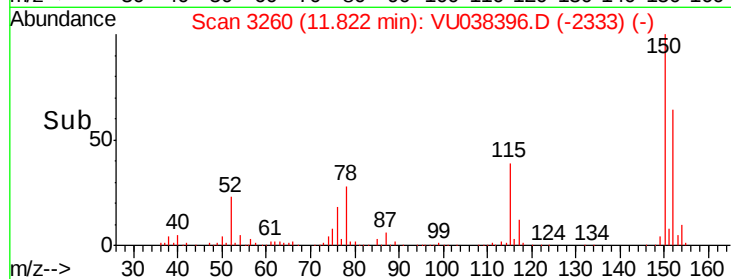
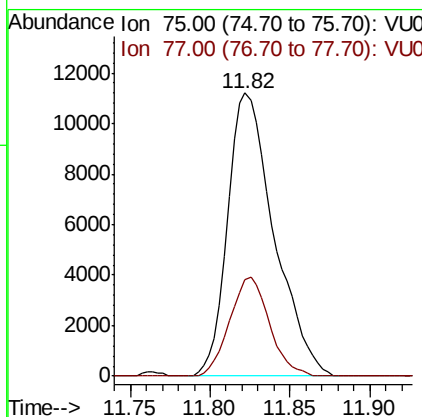
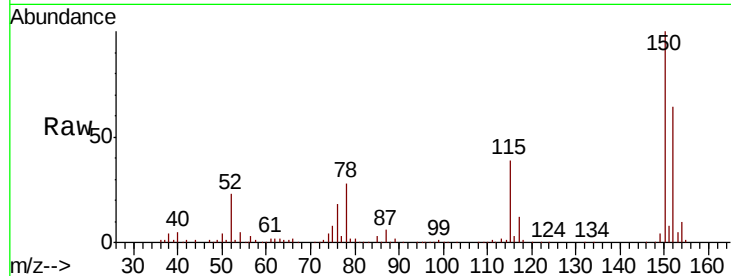




#59
 1,2,3-Trichloropropane
 Concen: 1.297 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038396.D
 Acq: 29 May 2020 23:06

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 22172
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.0



#63
 1,4-Dichlorobenzene
 Concen: 0.269 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038396.D
 Acq: 29 May 2020 23:06

Tgt Ion: 146 Resp: 12604
 Ion Ratio Lower Upper
 146 100
 111 40.4 27.2 50.6
 148 66.5 43.8 81.3

