

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052020\
 Data File : VU038254.D
 Acq On : 20 May 2020 17:47
 Operator : JC/MD
 Sample : L2724-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 01:17:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:14:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	325462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	315091	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159297	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147473	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.93	69	126736	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	181570	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.68	46	467921	63.71	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.42%
24) Chloroform-d	5.10	84	236496	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.74	65	141762	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.76	84	498428	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.72	67	166151	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.92	98	444680	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	8.20	79	60019	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.66	63	362997	62.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	137604	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	168353	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

				Ovalue
3) Chloromethane	1.53	50	5430	0.151 ug/L # 67
8) Chloroethane	1.95	64	25316	1.171 ug/L # 60
12) 1,1-Dichloroethene	2.59	96	1435	0.064 ug/L # 1
13) Acetone	2.69	43	13258	2.877 ug/L 64
30) Cyclohexane	5.42	56	3180	0.075 ug/L 96
33) Benzene	5.81	78	31830	0.315 ug/L 100
35) Methylcyclohexane	6.72	83	37092	0.907 ug/L # 15
37) 1,2-Dichloropropane	6.72	63	17694	0.646 ug/L # 95
42) Toluene	7.99	91	9364	0.088 ug/L 90
48) 2-Hexanone	8.71	43	24540	1.764 ug/L # 90
51) Chlorobenzene	9.47	112	634600	9.600 ug/L 98
52) Ethylbenzene	9.59	91	10125	0.088 ug/L 93
53) m,p-Xylene	9.71	106	9447	0.214 ug/L 90
54) o-Xylene	10.11	106	3008	0.070 ug/L 94
62) 1,3-Dichlorobenzene	11.75	146	3615	0.070 ug/L # 72
63) 1,4-Dichlorobenzene	11.85	146	111308	2.119 ug/L 98
65) 1,2-Dichlorobenzene	12.22	146	12146	0.244 ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052020\
Data File : VU038254.D
Acq On : 20 May 2020 17:47
Operator : JC/MD
Sample : L2724-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 21 01:17:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:14:05 2020
Response via : Initial Calibration

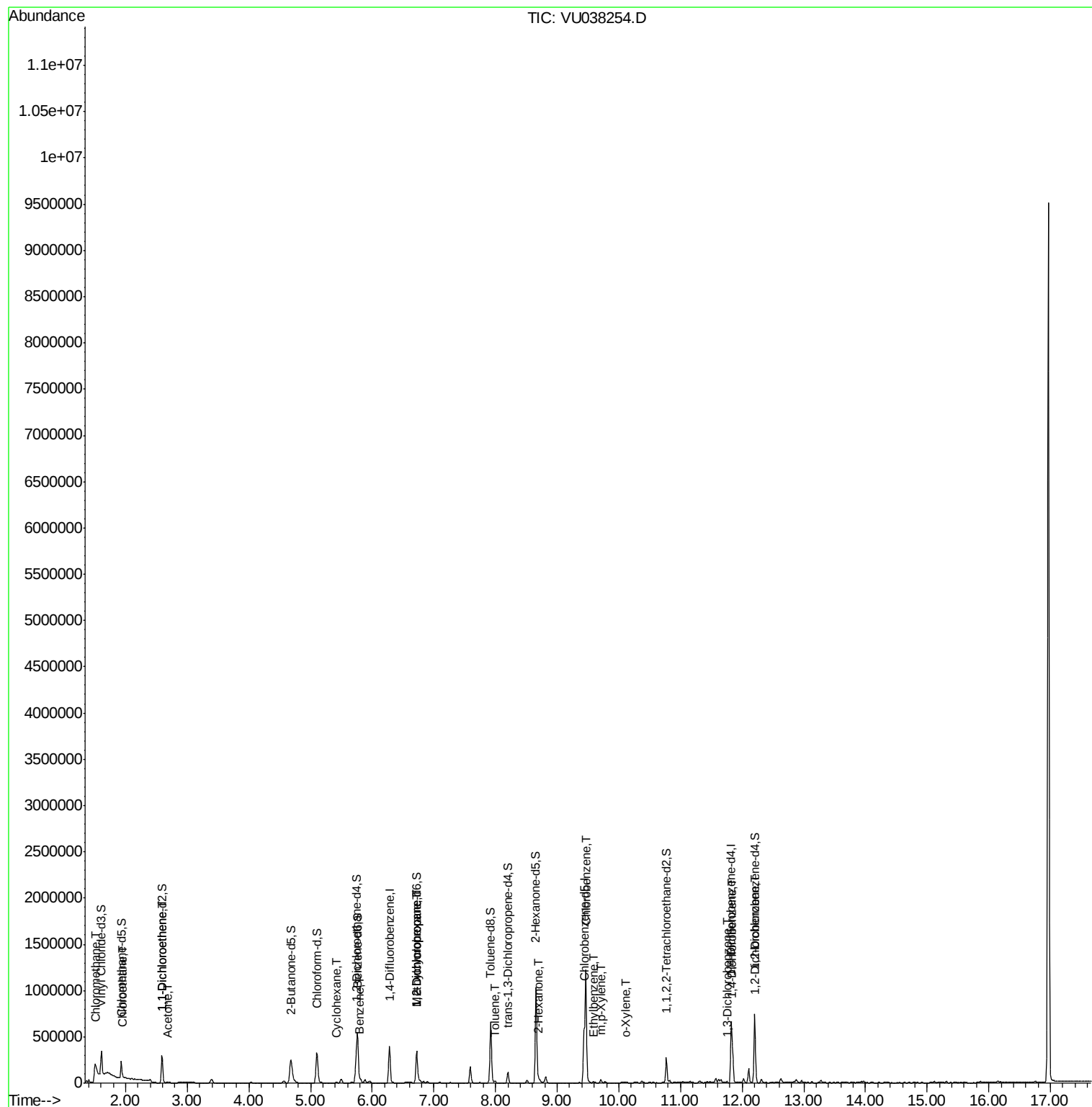
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

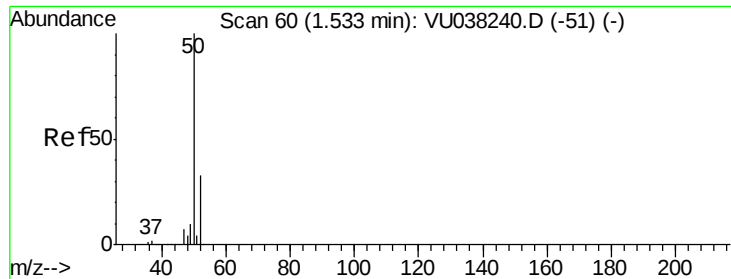
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052020\
Data File : VU038254.D
Acq On : 20 May 2020 17:47
Operator : JC/MD
Sample : L2724-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 21 01:17:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:14:05 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.151 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU038254.D

Acq: 20 May 2020 17:47

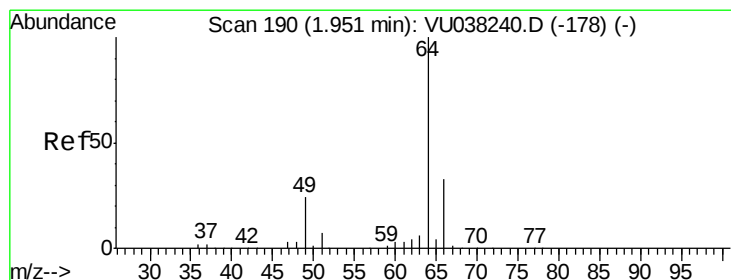
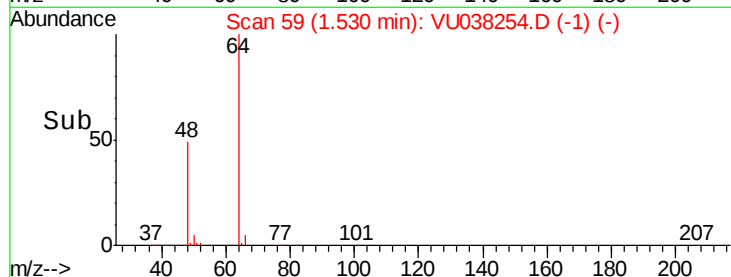
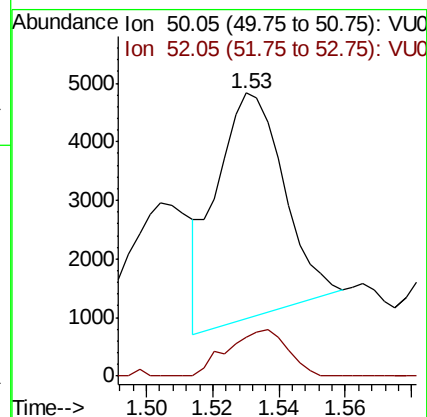
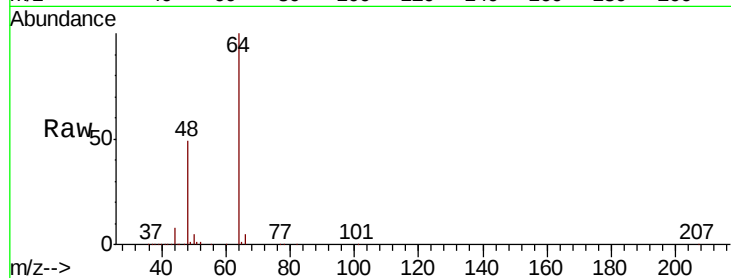
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 5430

Ion Ratio Lower Upper

50 100

52 13.7 22.5 41.7#



#8

Chloroethane

Concen: 1.171 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU038254.D

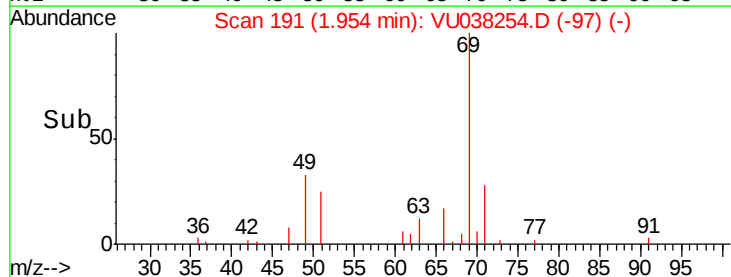
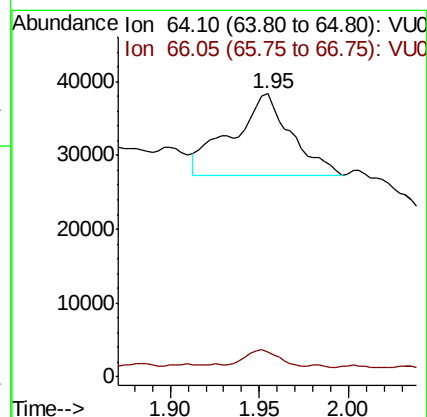
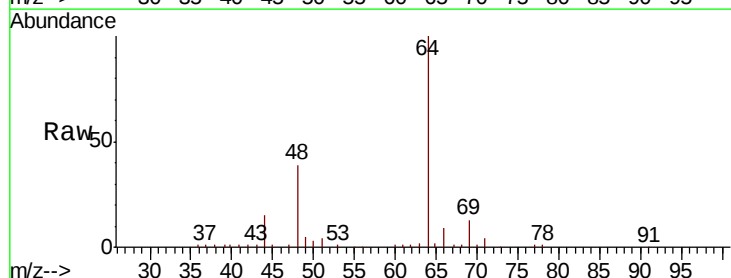
Acq: 20 May 2020 17:47

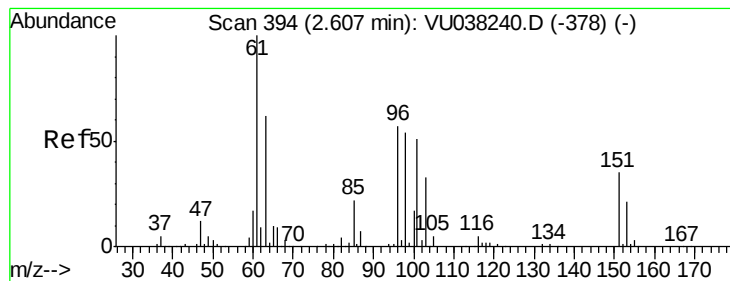
Tgt Ion: 64 Resp: 25316

Ion Ratio Lower Upper

64 100

66 9.0 21.8 40.4#





#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038254.D

Acq: 20 May 2020 17:47

Instrument :

MSVOA_U

ClientSampleId :

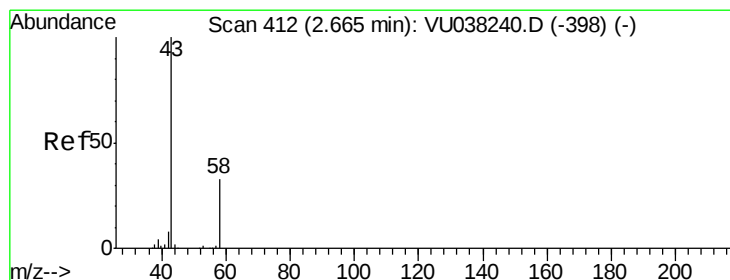
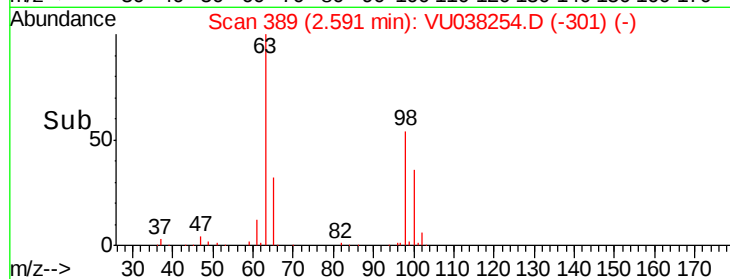
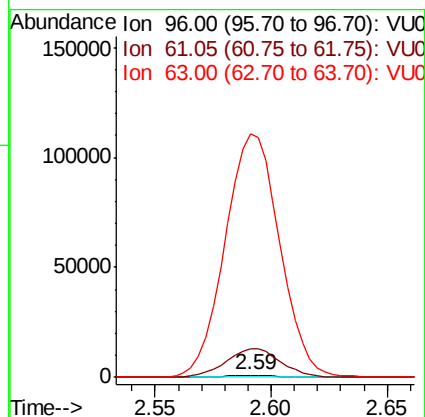
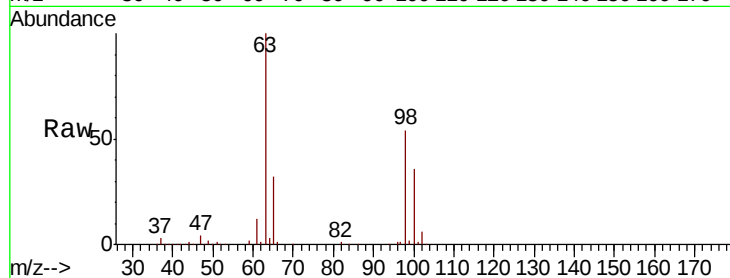
Tot Ion: 96 Resp: 1435

Ion Ratio Lower Upper

96 100

61 870.8 126.2 234.4#

63 7385.2 96.9 179.9#



#13

Acetone

Concen: 2.877 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.03 min

Lab File: VU038254.D

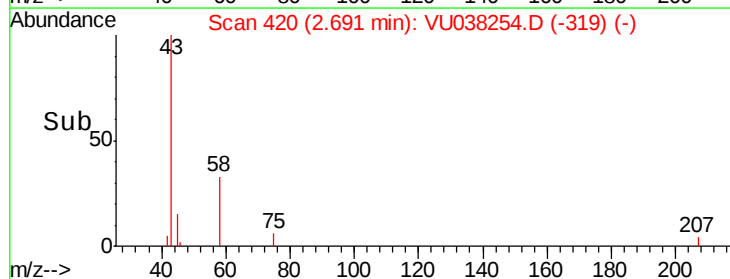
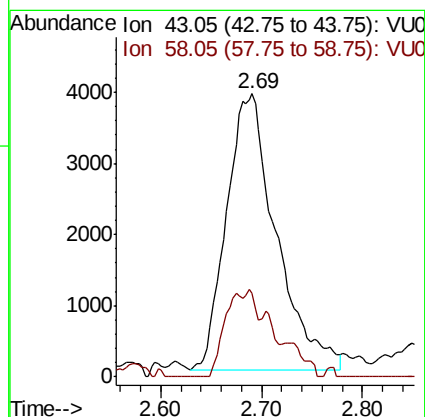
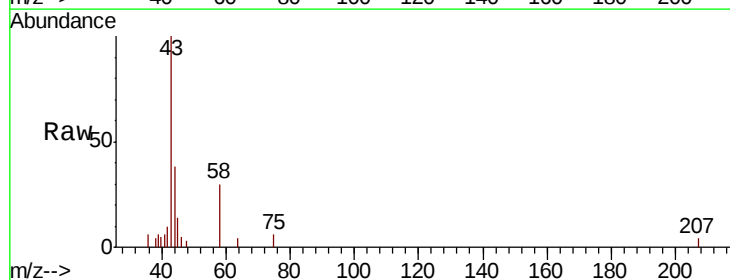
Acq: 20 May 2020 17:47

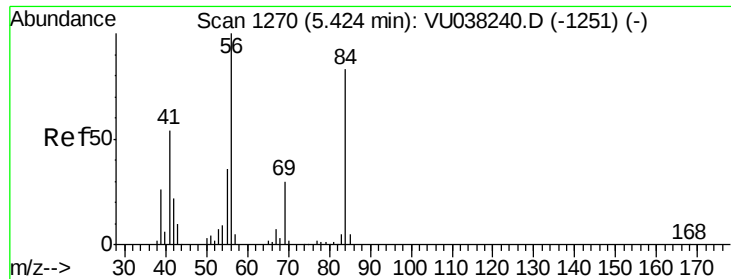
Tgt Ion: 43 Resp: 13258

Ion Ratio Lower Upper

43 100

58 11.9 0.0 63.6

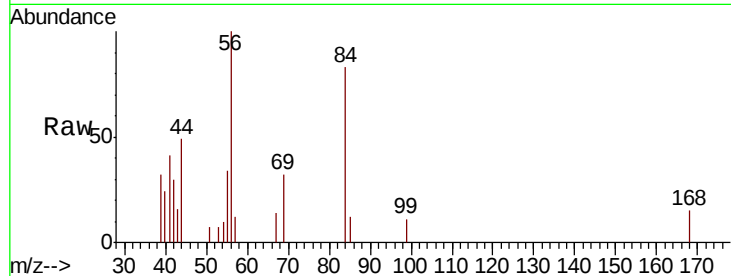




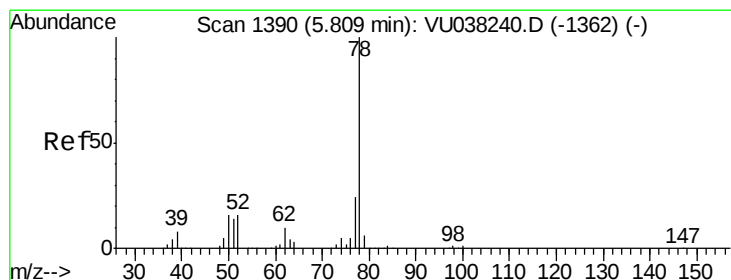
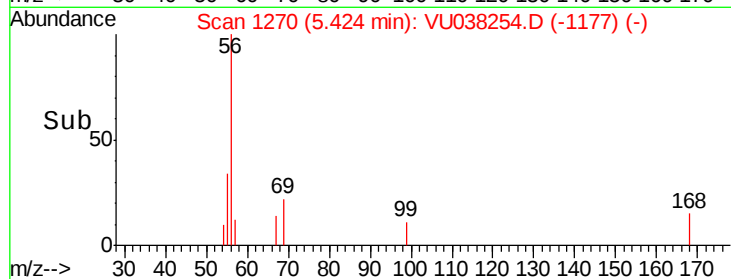
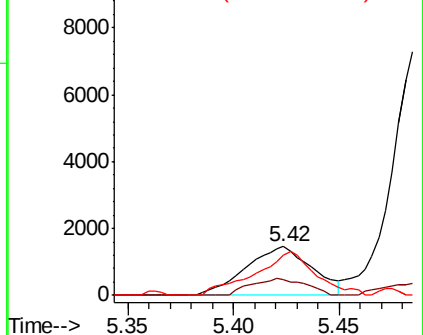
#30
Cyclohexane
Concen: 0.075 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 3180
Ion Ratio Lower Upper
56 100
69 28.4 24.2 36.4
84 82.3 68.5 102.7

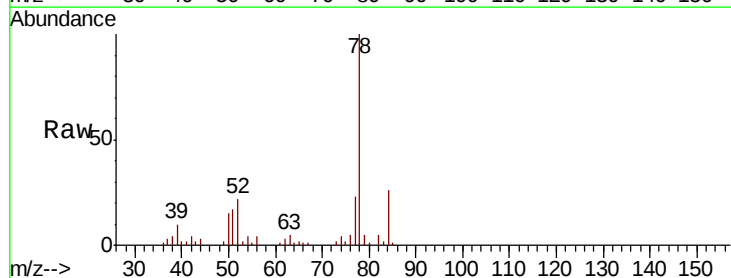


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

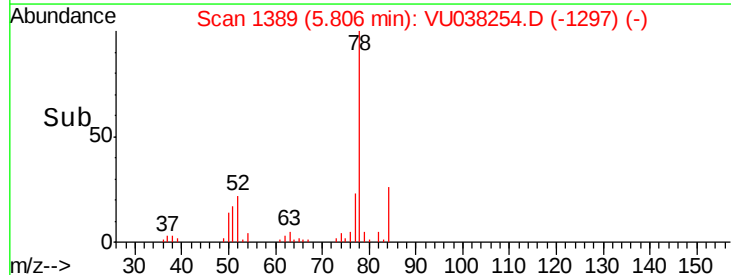
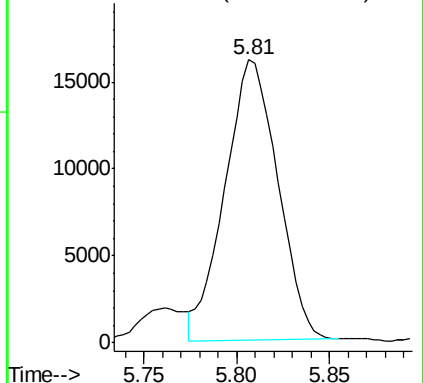


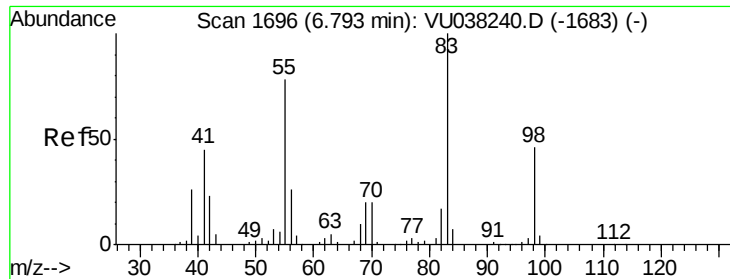
#33
Benzene
Concen: 0.315 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Tgt Ion: 78 Resp: 31830



Abundance Ion 78.10 (77.80 to 78.80): VU0

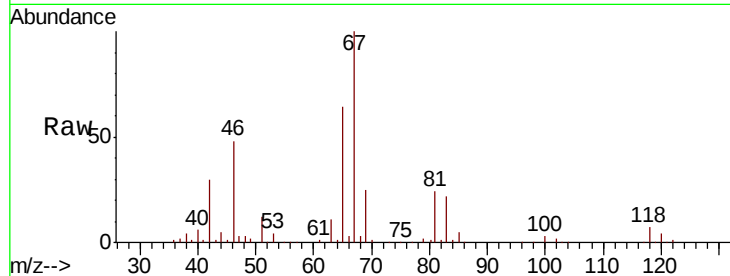




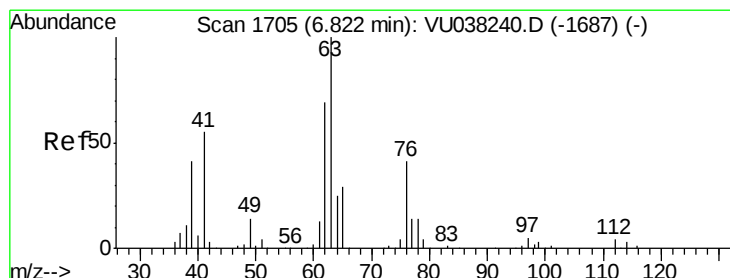
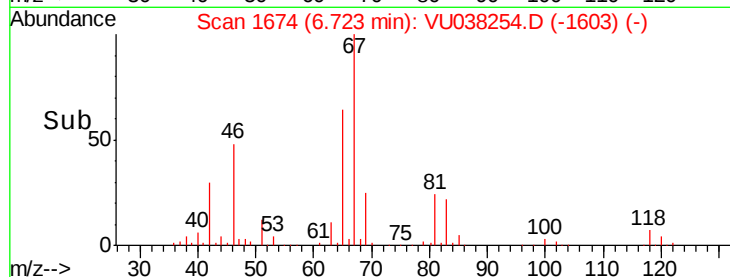
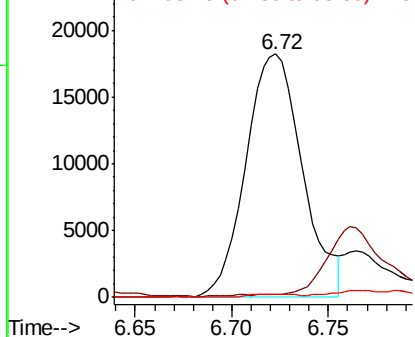
#35
Methvlcvclohexane
Concen: 0.907 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 37092
Ion Ratio Lower Upper
83 100
55 0.0 66.7 100.1#
98 0.5 39.4 59.2#

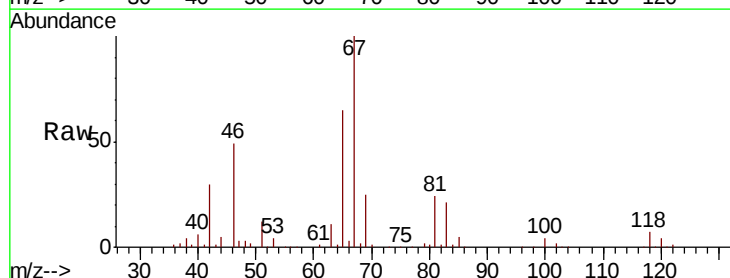


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

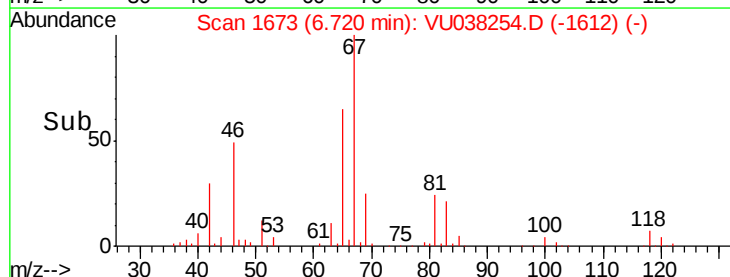
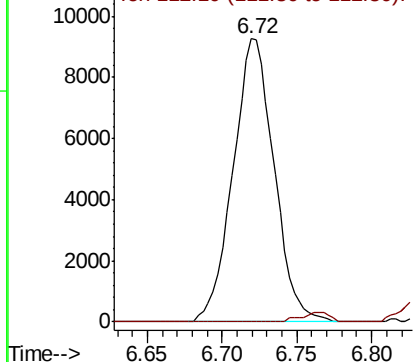


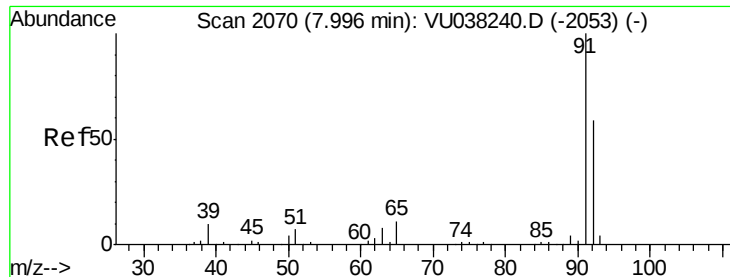
#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038254.D
Acq: 20 May 2020 17:47

Tgt Ion: 63 Resp: 17694
Ion Ratio Lower Upper
63 100
112 2.3 3.1 4.7#



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





#42

Toluene

Concen: 0.088 ug/L

RT: 7.99 min Scan# 2068

Delta R.T. -0.01 min

Lab File: VU038254.D

Acq: 20 May 2020 17:47

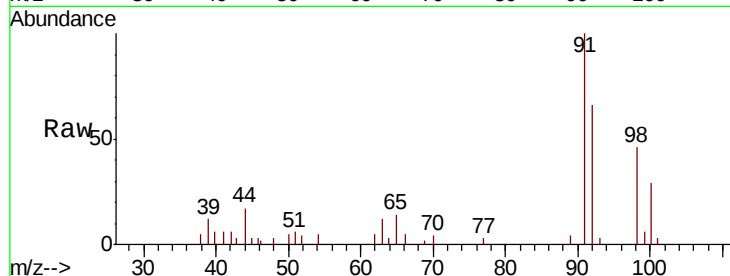
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 9364

Ion Ratio Lower Upper

91 100

92 65.6 40.9 75.9

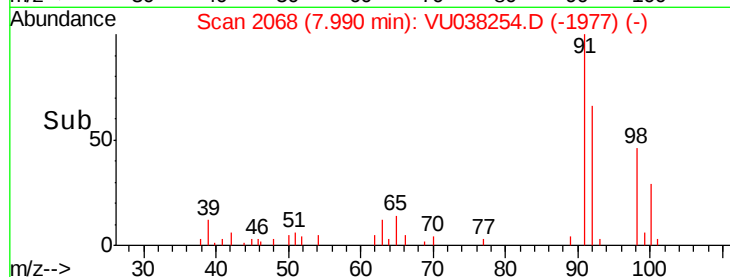


Abundance Ion 91.15 (90.85 to 91.85): VU038240.D (-2053) (-)

Ion 92.15 (91.85 to 92.85): VU038240.D (-2053) (-)

7.99

Time-->



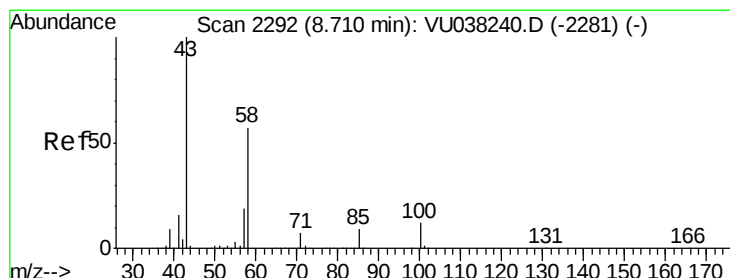
Abundance

Ion 91.15 (90.85 to 91.85): VU038254.D (-1977) (-)

Ion 92.15 (91.85 to 92.85): VU038254.D (-1977) (-)

7.99

Time-->



#48

2-Hexanone

Concen: 1.764 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038254.D

Acq: 20 May 2020 17:47

Tgt Ion: 43 Resp: 24540

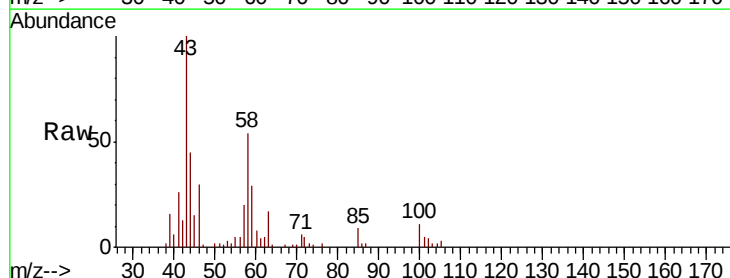
Ion Ratio Lower Upper

43 100

58 50.0 45.2 67.8

57 11.5 15.5 23.3#

100 9.7 9.5 14.3



Abundance Ion 43.05 (42.75 to 43.75): VU038240.D (-2281) (-)

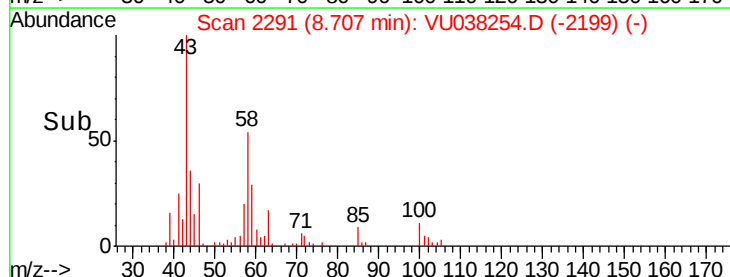
Ion 58.05 (57.75 to 58.75): VU038240.D (-2281) (-)

Ion 57.20 (56.90 to 57.90): VU038240.D (-2281) (-)

Ion 100.15 (99.85 to 100.85): VU038240.D (-2281) (-)

8.71

Time-->



Abundance

Ion 43.05 (42.75 to 43.75): VU038254.D (-2199) (-)

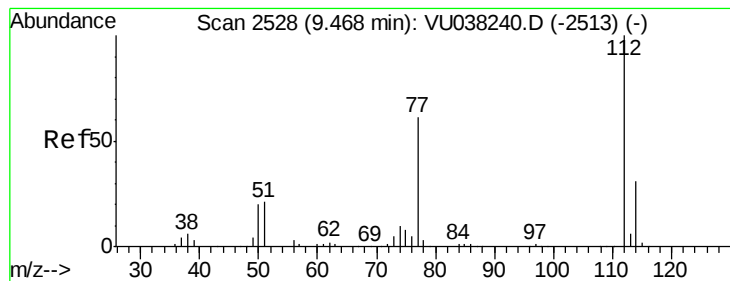
Ion 58.05 (57.75 to 58.75): VU038254.D (-2199) (-)

Ion 57.20 (56.90 to 57.90): VU038254.D (-2199) (-)

Ion 100.15 (99.85 to 100.85): VU038254.D (-2199) (-)

8.71

Time-->



#51

Chlorobenzene

Concen: 9.600 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038254.D

Acq: 20 May 2020 17:47

Instrument :

MSVOA_U

ClientSampled :

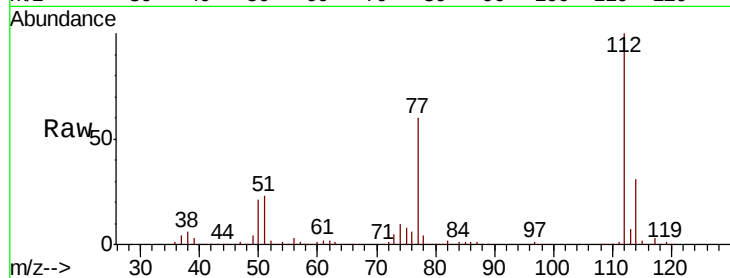
Tot Ion:112 Resp: 634600

Ion Ratio Lower Upper

112 100

114 31.4 22.5 41.7

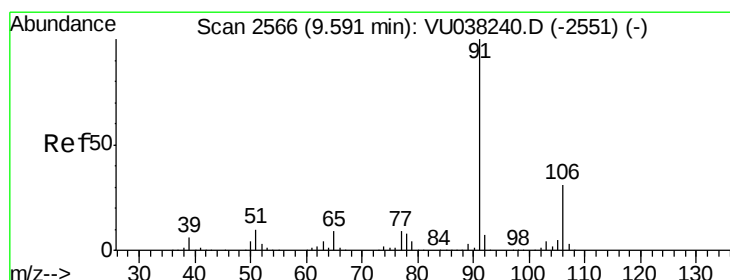
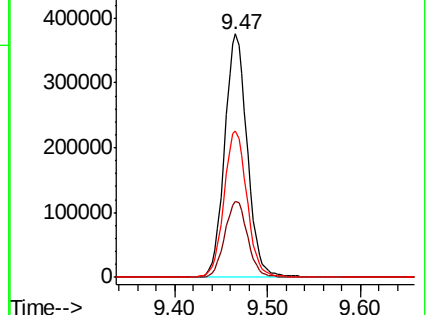
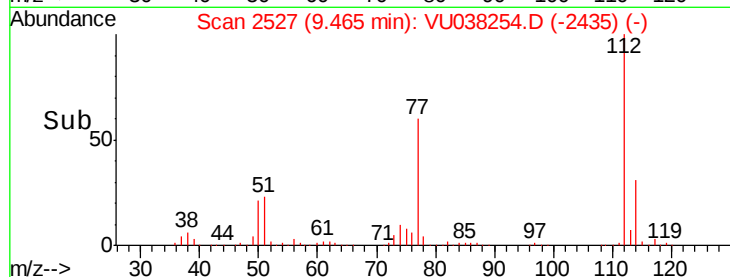
77 60.0 49.9 74.9



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



#52

Ethylbenzene

Concen: 0.088 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038254.D

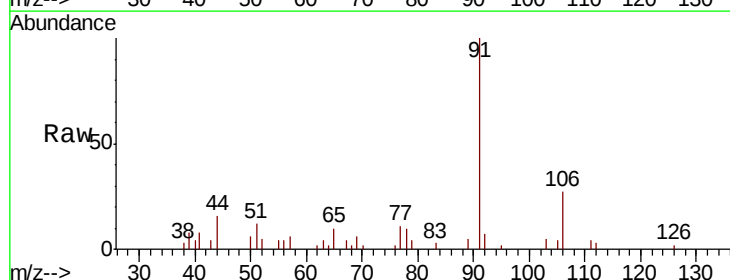
Acq: 20 May 2020 17:47

Tgt Ion: 91 Resp: 10125

Ion Ratio Lower Upper

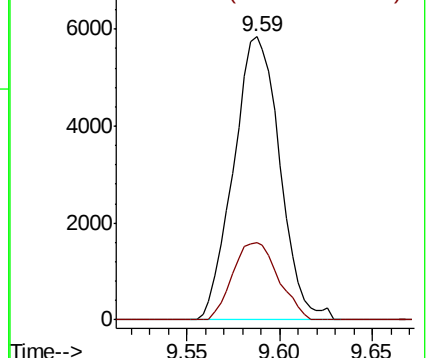
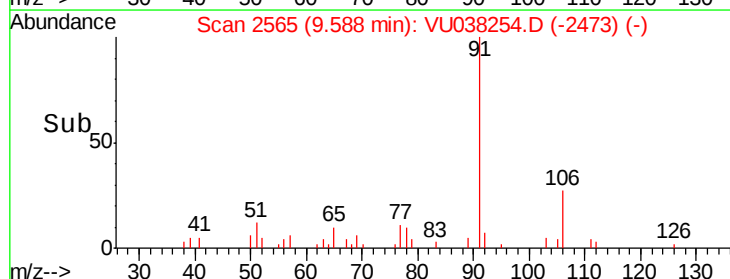
91 100

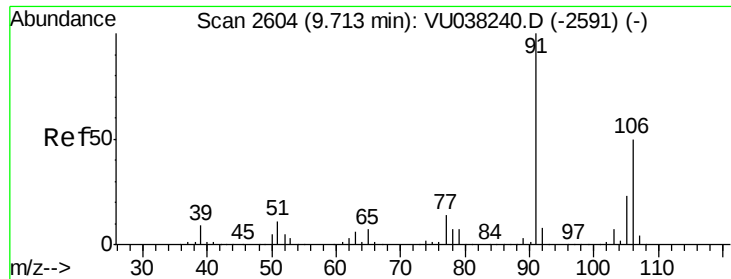
106 27.1 21.8 40.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 0.214 ug/L

RT: 9.71 min Scan# 2602

Delta R.T. -0.01 min

Lab File: VU038254.D

Acq: 20 May 2020 17:47

Instrument :

MSVOA_U

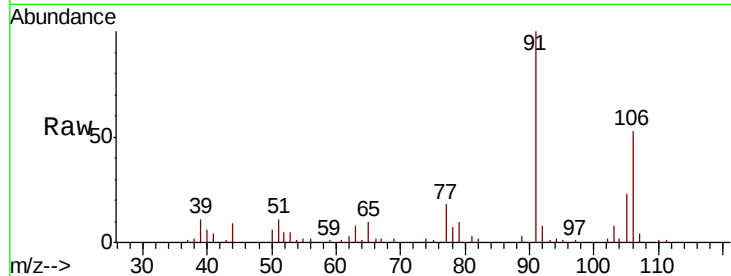
ClientSampleId :

Tot Ion:106 Resp: 9447

Ion Ratio Lower Upper

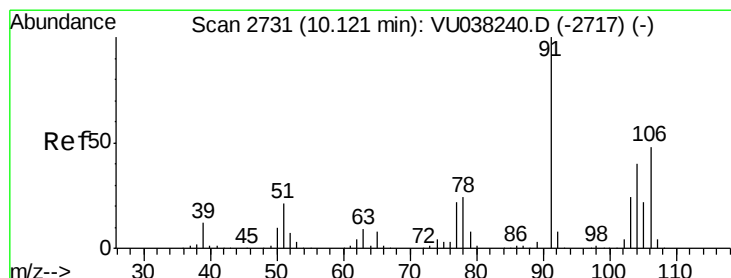
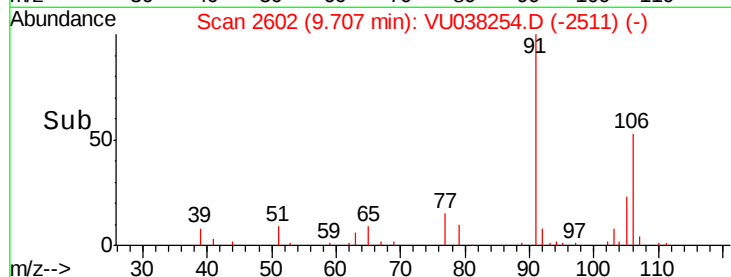
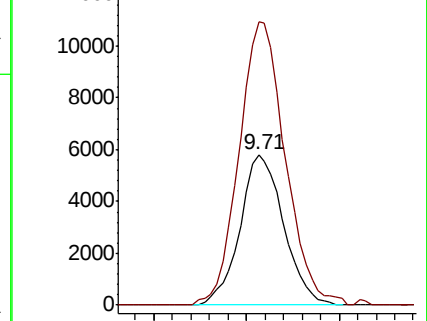
106 100

91 188.4 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.070 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.01 min

Lab File: VU038254.D

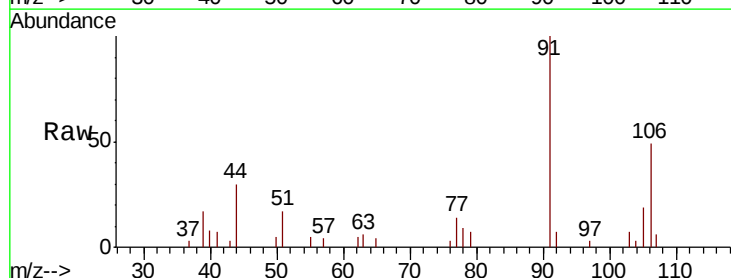
Acq: 20 May 2020 17:47

Tgt Ion:106 Resp: 3008

Ion Ratio Lower Upper

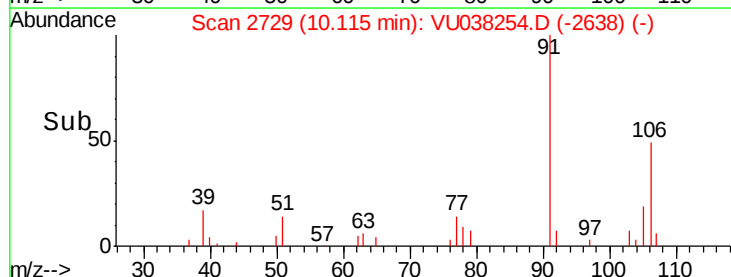
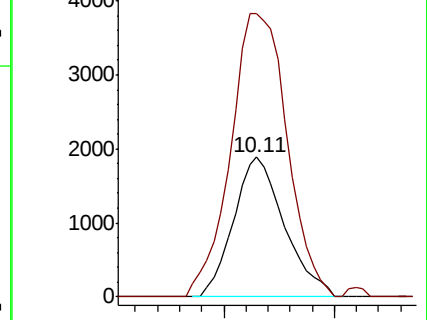
106 100

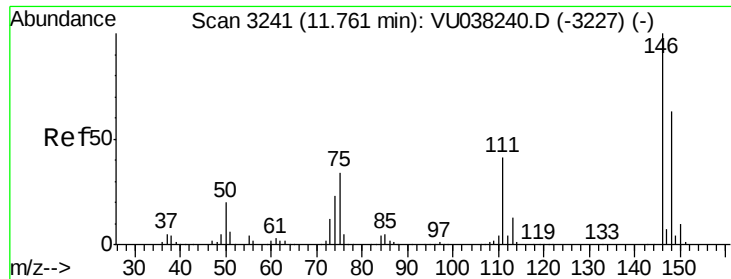
91 202.4 148.5 275.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

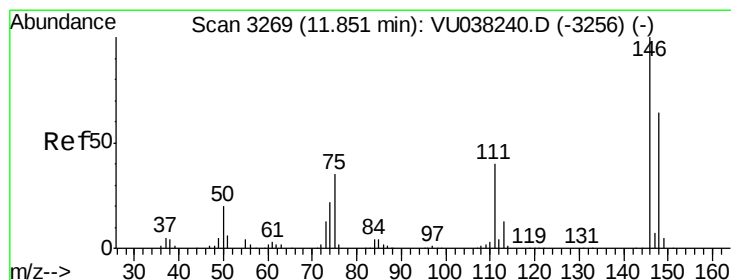
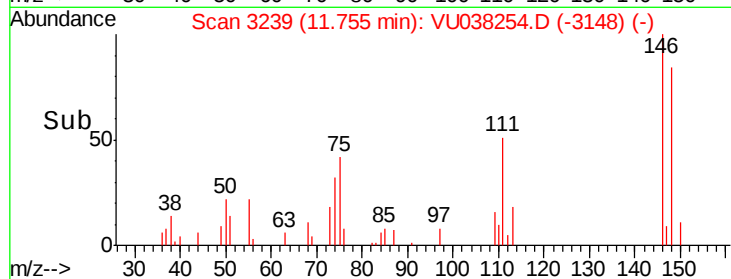
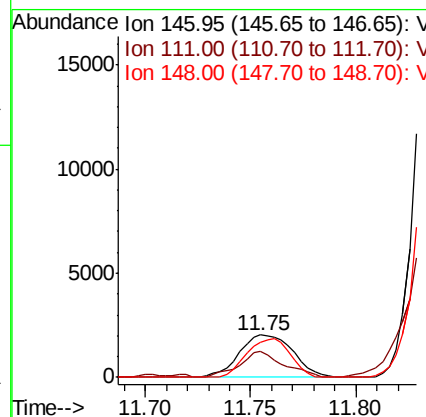
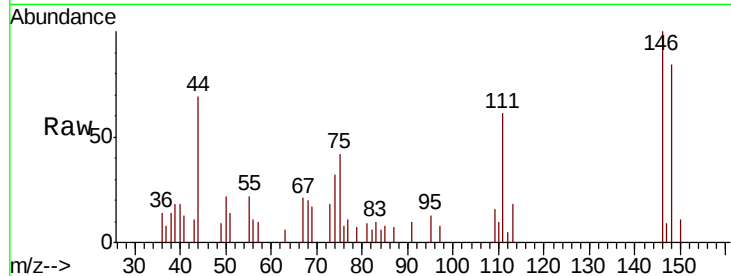




#62
 1,3-Dichlorobenzene
 Concen: 0.070 ug/L
 RT: 11.75 min Scan# 3239
 Delta R.T. -0.01 min
 Lab File: VU038254.D
 Acq: 20 May 2020 17:47

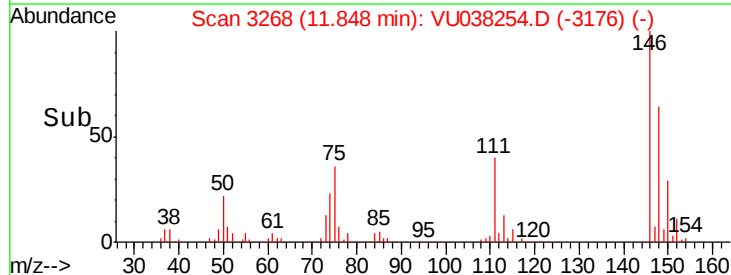
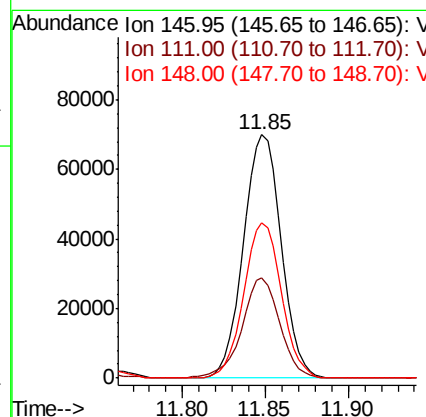
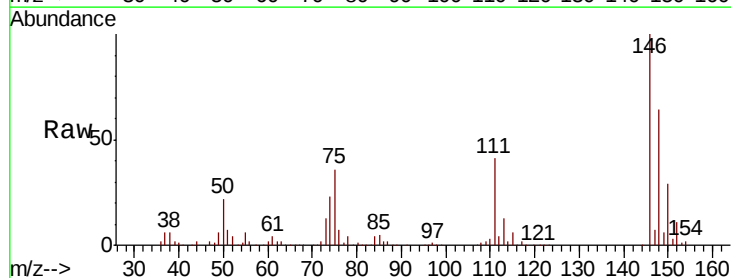
Instrument :
 MSVOA_U
 ClientSampleId :

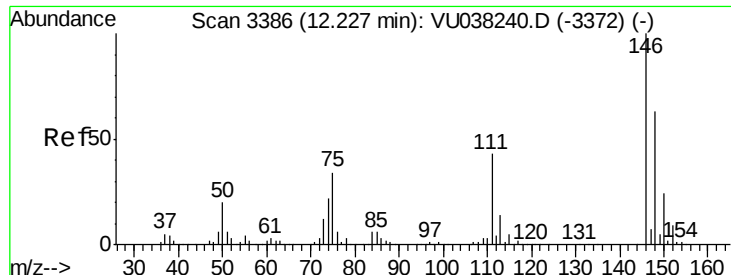
Tot Ion:146 Resp: 3615
 Ion Ratio Lower Upper
 146 100
 111 61.4 28.6 53.2#
 148 83.7 45.2 84.0



#63
 1,4-Dichlorobenzene
 Concen: 2.119 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038254.D
 Acq: 20 May 2020 17:47

Tgt Ion:146 Resp: 111308
 Ion Ratio Lower Upper
 146 100
 111 41.1 27.2 50.6
 148 63.6 43.8 81.3





#65

1,2-Dichlorobenzene

Concen: 0.244 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038254.D

Acq: 20 May 2020 17:47

Instrument :

MSVOA_U

ClientSampleId :

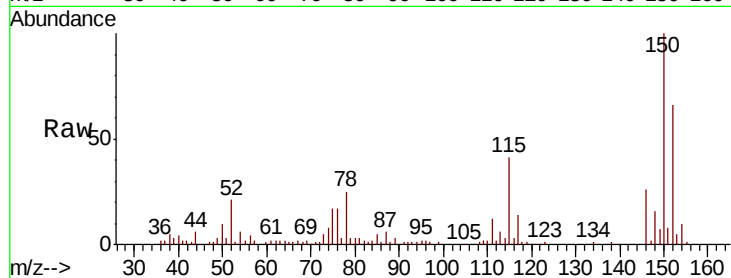
Tot Ion:146 Resp: 12146

Ion Ratio Lower Upper

146 100

111 44.2 35.3 52.9

148 62.3 51.0 76.4



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

