

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
 Data File : VU038261.D
 Acq On : 21 May 2020 13:58
 Operator : JC/MD
 Sample : L2724-06DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T3DL

Quant Time: May 30 03:58:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 10:10:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369227	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	366744	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	173605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105969	3.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.80%
7) Chloroethane-d5	1.93	69	115196	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.59	63	148975	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	4.68	46	492315	59.08	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.16%
24) Chloroform-d	5.10	84	230564	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.74	65	138833	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.76	84	470103	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.72	67	157235	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.92	98	409210	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.20	79	57370	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.66	63	385814	57.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	138758	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	157116	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

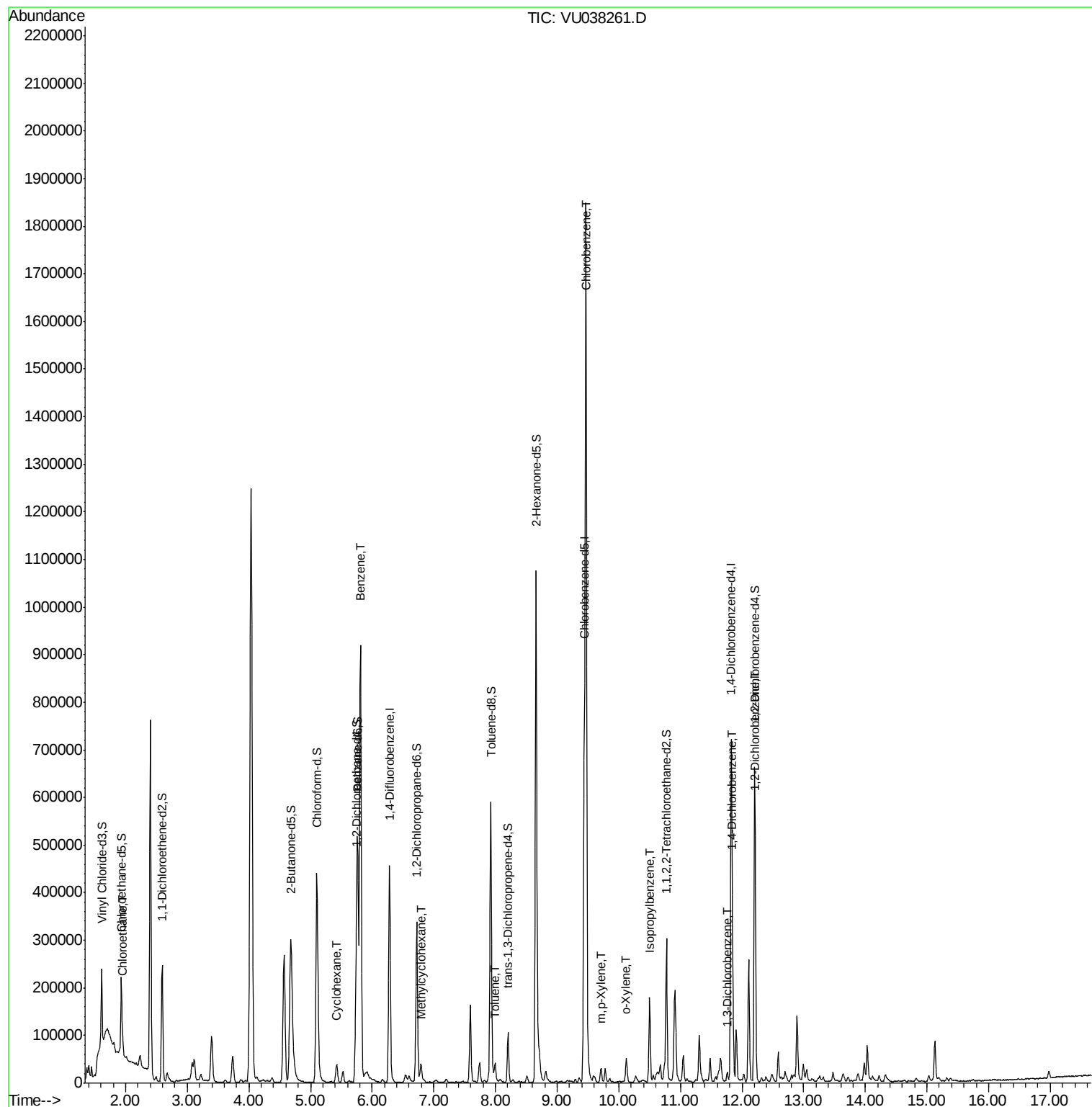
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Chloroethane	1.95	64	30276	1.23	ug/L	# 65
30) Cyclohexane	5.42	56	18567	0.37	ug/L	96
33) Benzene	5.81	78	862304	7.34	ug/L	100
35) Methylcyclohexane	6.79	83	13955	0.29	ug/L	97
42) Toluene	8.00	91	25750	0.21	ug/L	96
51) Chlorobenzene	9.47	112	977420	12.70	ug/L	99
53) m,p-Xylene	9.71	106	7180	0.14	ug/L	82
54) o-Xylene	10.12	106	9338	0.19	ug/L	93
56) Isopropylbenzene	10.50	105	108433	0.85	ug/L	99
62) 1,3-Dichlorobenzene	11.75	146	6325	0.11	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	75690	1.32	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	14831	0.27	ug/L	92

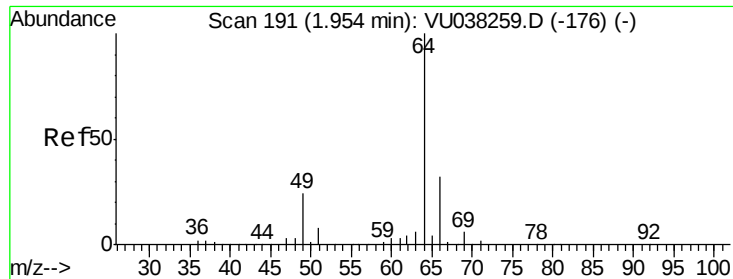
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038261.D
Acq On : 21 May 2020 13:58
Operator : JC/MD
Sample : L2724-06DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T3DL

Quant Time: May 30 03:58:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 10:10:55 2020
Response via : Initial Calibration

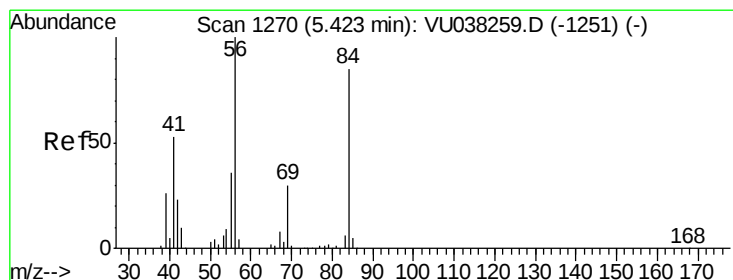
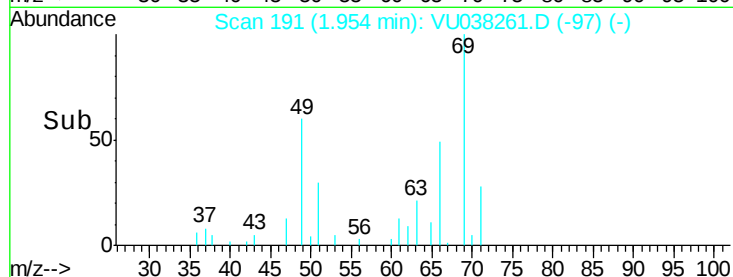
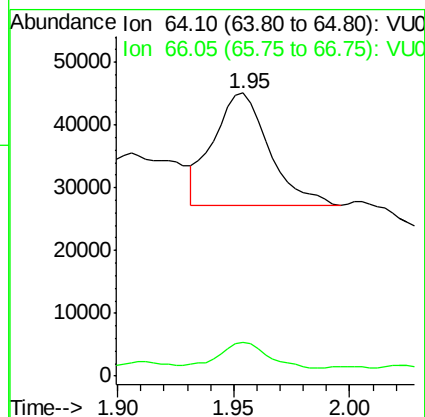
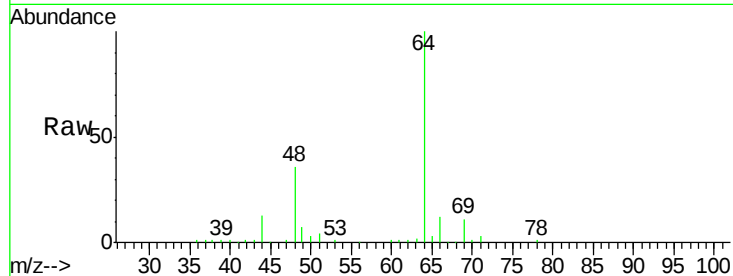




#8
Chloroethane
Concen: 1.23 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

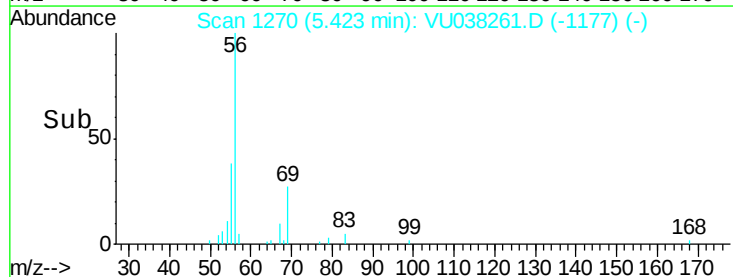
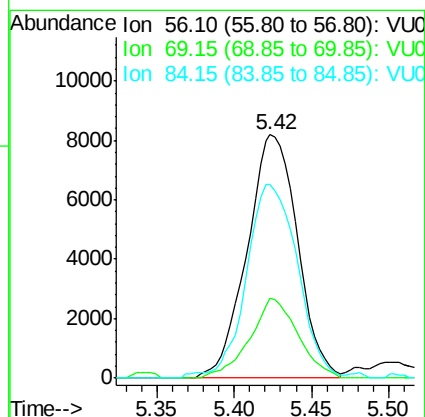
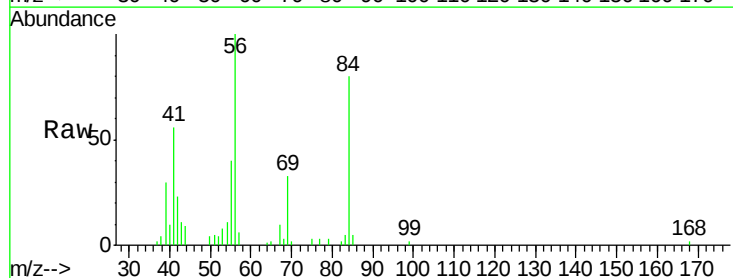
Instrument :
MSVOA_U
ClientSampleId :
BE4T3DL

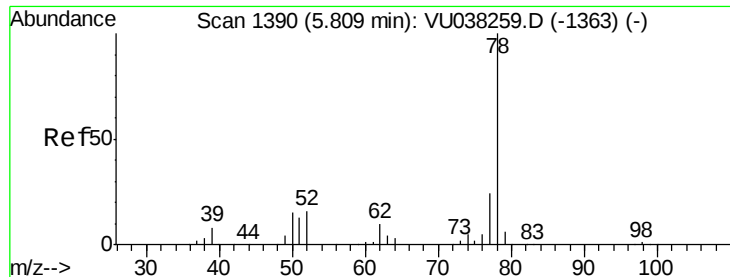
Tgt Ion: 64 Resp: 30276
Ion Ratio Lower Upper
64 100
66 12.0 21.8 40.4#



#30
Cyclohexane
Concen: 0.37 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

Tgt Ion: 56 Resp: 18567
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.4
84 80.9 68.5 102.7





#33

Benzene

Concen: 7.34 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

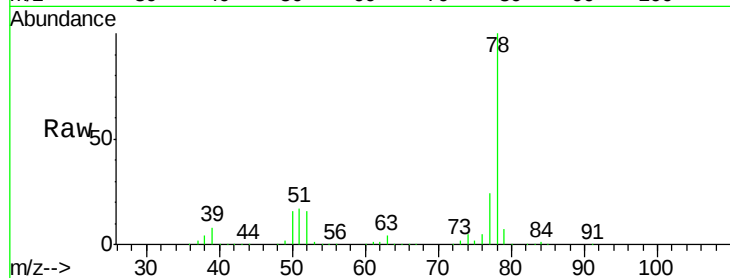
Instrument :

MSVOA_U

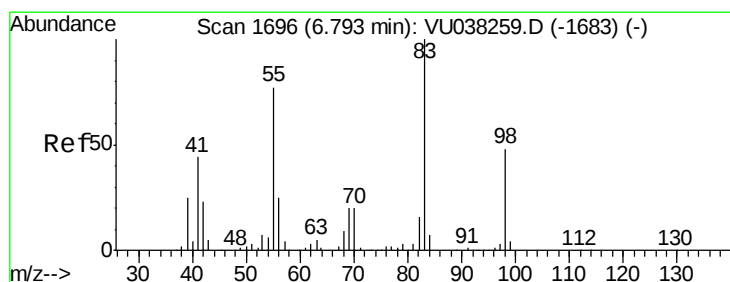
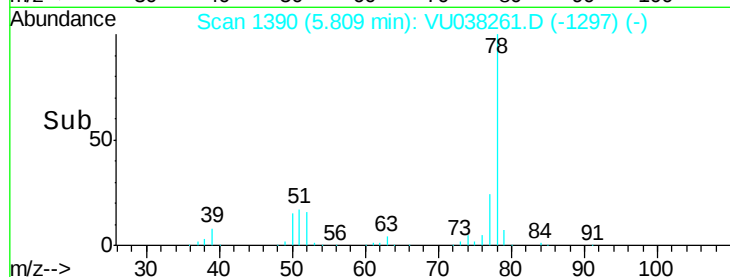
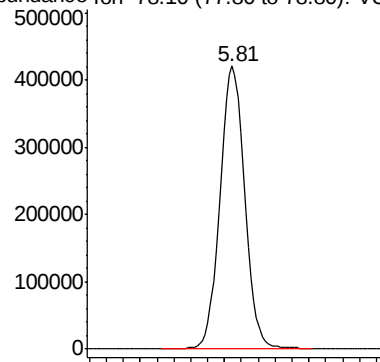
ClientSampleId :

BE4T3DL

Tgt Ion: 78 Resp: 862304



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.29 ug/L

RT: 6.79 min Scan# 1696

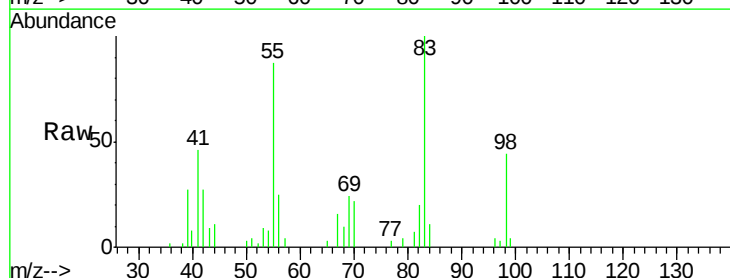
Delta R.T. -0.00 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

Tgt Ion: 83 Resp: 13955

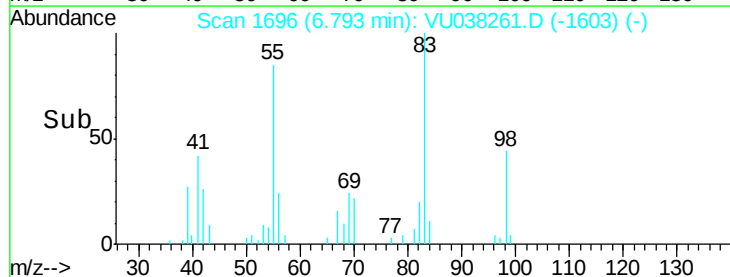
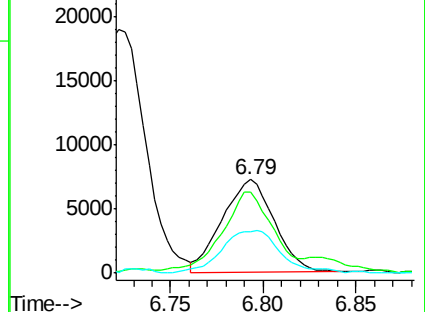
Ion	Ratio	Lower	Upper
83	100		
55	81.9	66.7	100.1
98	52.2	39.4	59.2

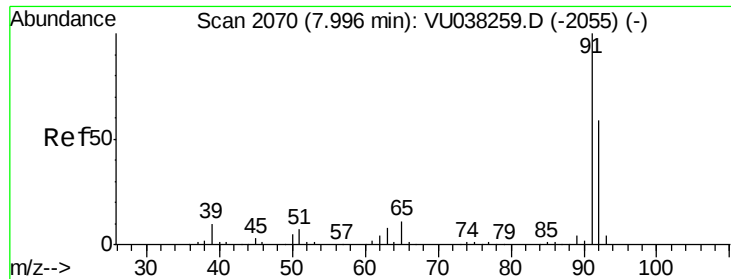


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#42

Toluene

Concen: 0.21 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

Instrument :

MSVOA_U

ClientSampleId :

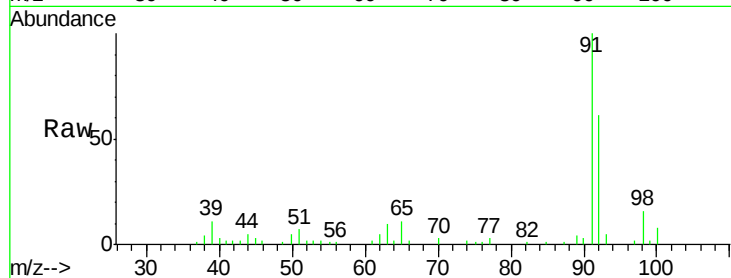
BE4T3DL

Tgt Ion: 91 Resp: 25750

Ion Ratio Lower Upper

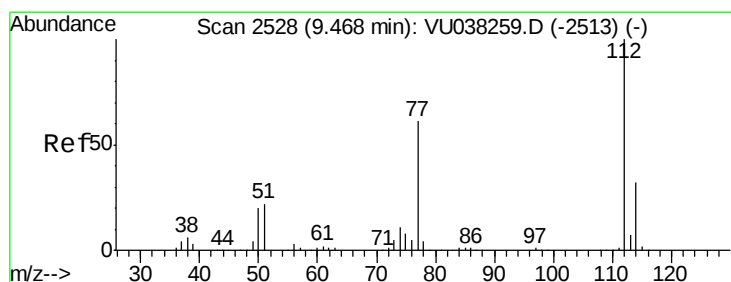
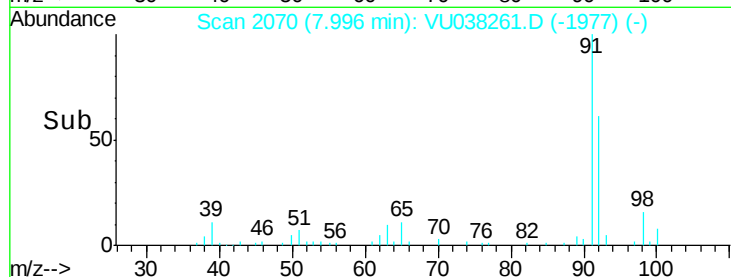
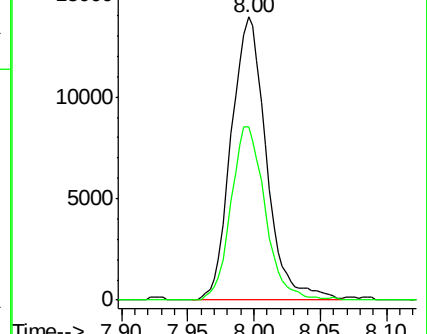
91 100

92 61.4 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU038259.D (-2055) (-)

Ion 92.15 (91.85 to 92.85): VU038259.D (-2055) (-)



#51

Chlorobenzene

Concen: 12.70 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

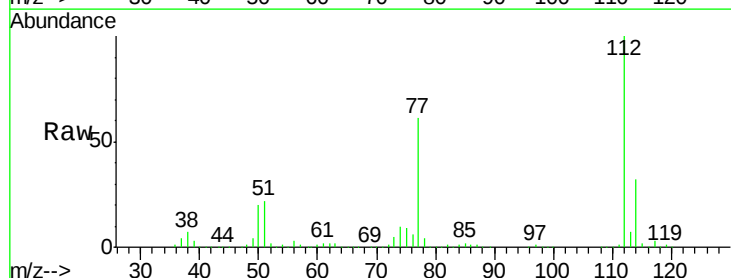
Tgt Ion: 112 Resp: 977420

Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

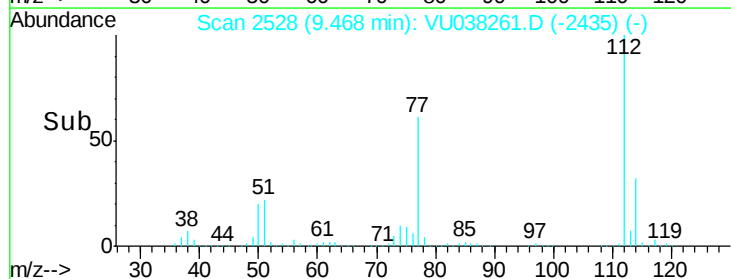
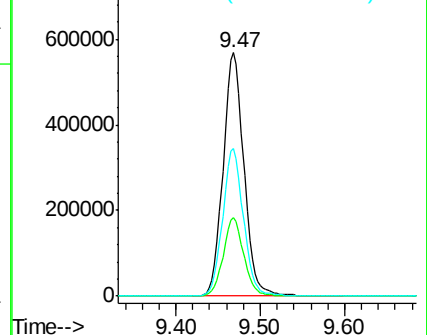
77 60.8 49.9 74.9

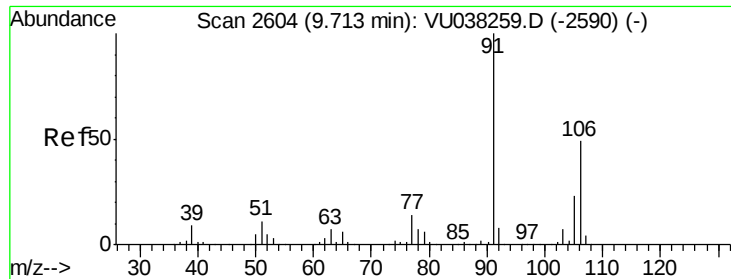


Abundance Ion 112.10 (111.80 to 112.80): VU038259.D (-2513) (-)

Ion 114.05 (113.75 to 114.75): VU038259.D (-2513) (-)

Ion 77.10 (76.80 to 77.80): VU038259.D (-2513) (-)

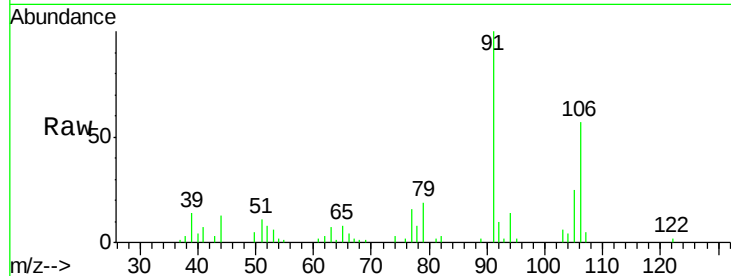




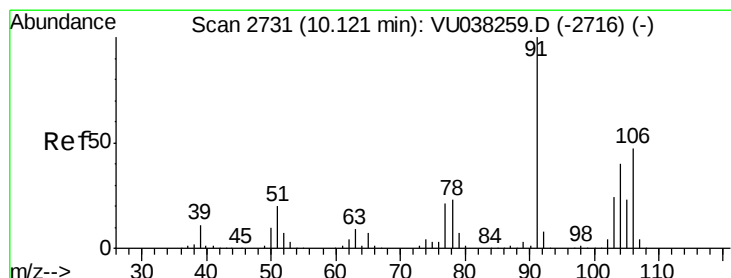
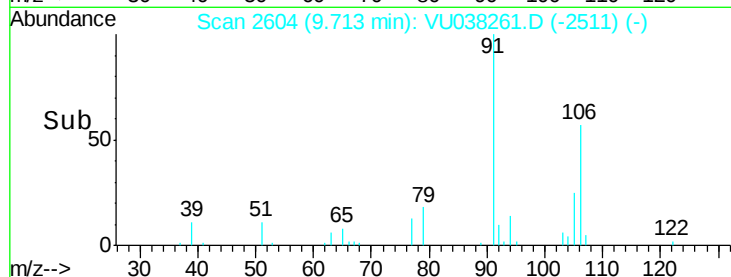
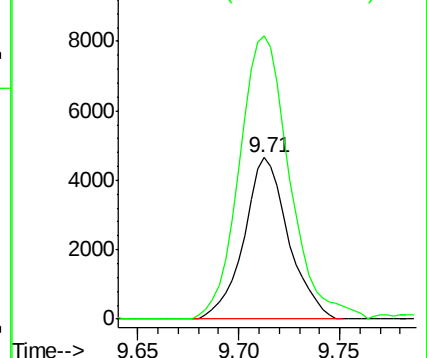
#53
m,p-Xylene
Concen: 0.14 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

Instrument :
MSVOA_U
ClientSampleId :
BE4T3DL

Tgt Ion:106 Resp: 7180
Ion Ratio Lower Upper
106 100
91 175.3 142.1 263.9

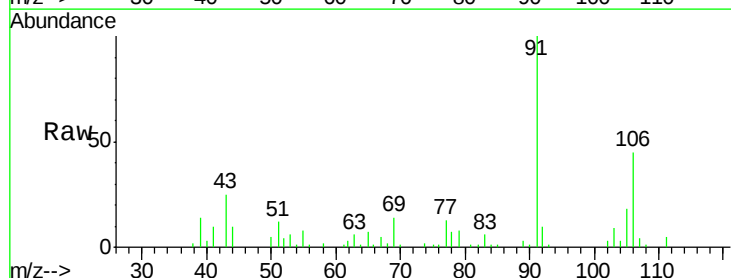


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

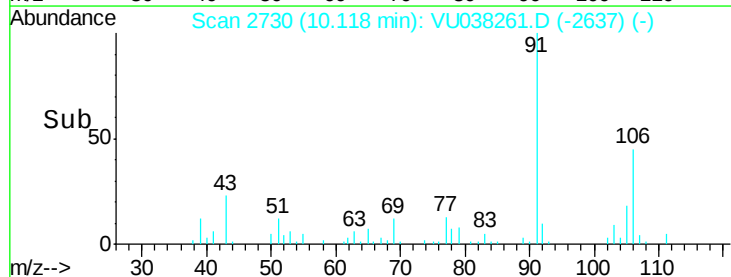
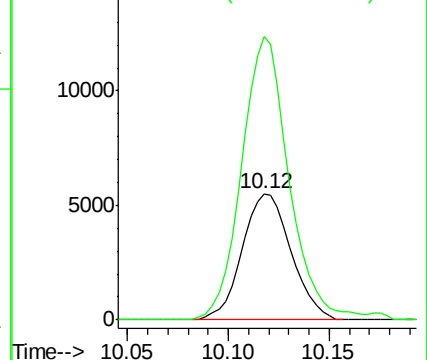


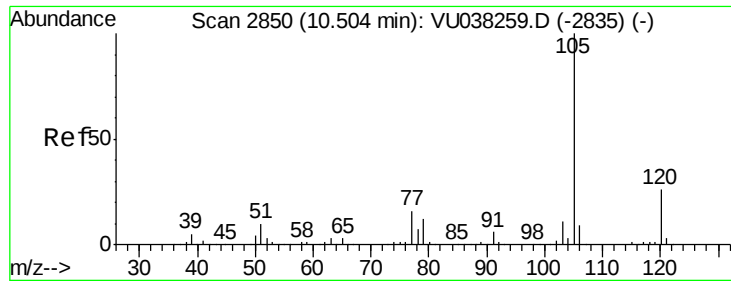
#54
o-Xylene
Concen: 0.19 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

Tgt Ion:106 Resp: 9338
Ion Ratio Lower Upper
106 100
91 223.7 148.5 275.9



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.85 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

Instrument :

MSVOA_U

ClientSampleId :

BE4T3DL

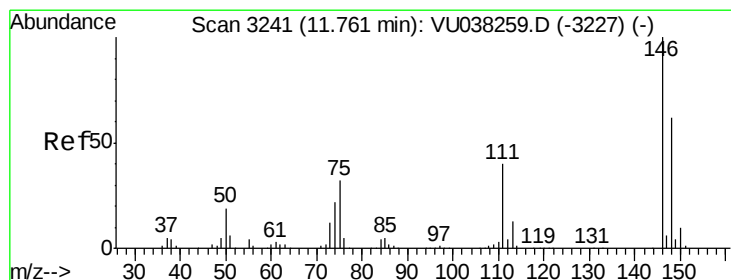
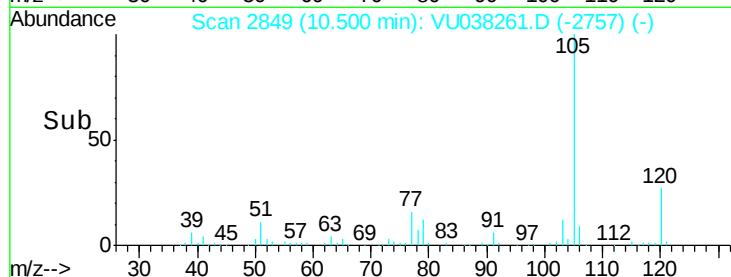
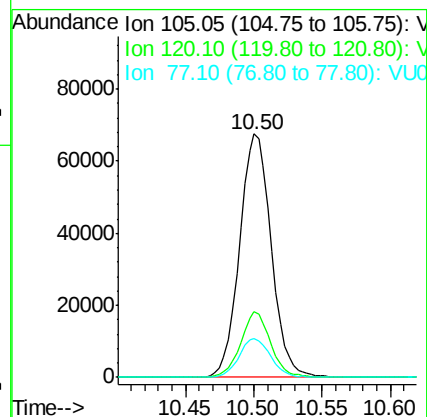
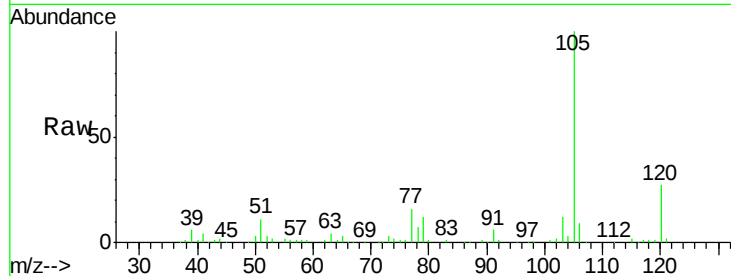
Tgt Ion:105 Resp: 108433

Ion Ratio Lower Upper

105 100

120 25.5 21.0 31.6

77 16.1 13.0 19.4



#62

1,3-Dichlorobenzene

Concen: 0.11 ug/L

RT: 11.75 min Scan# 3239

Delta R.T. -0.01 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

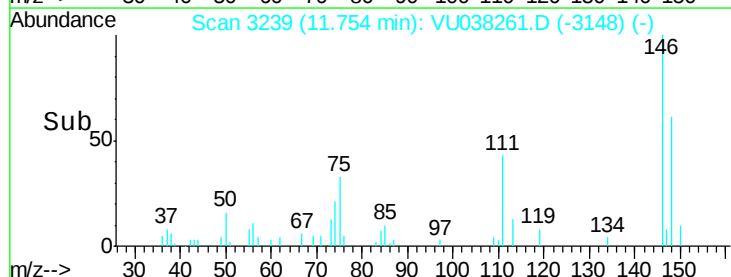
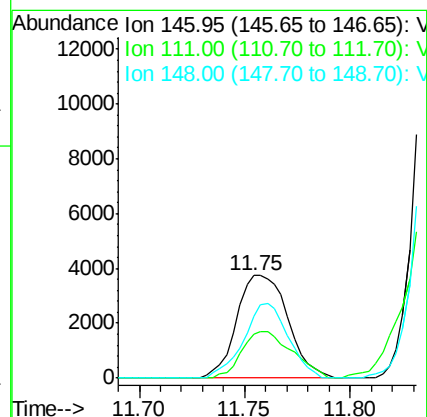
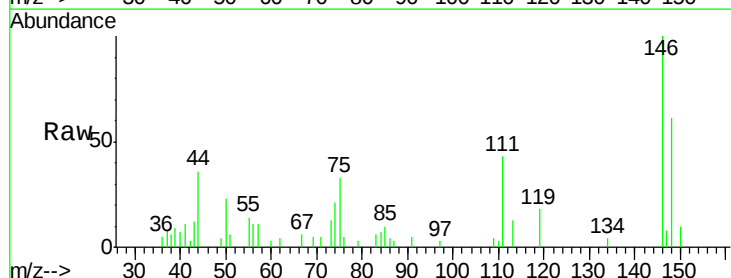
Tgt Ion:146 Resp: 6325

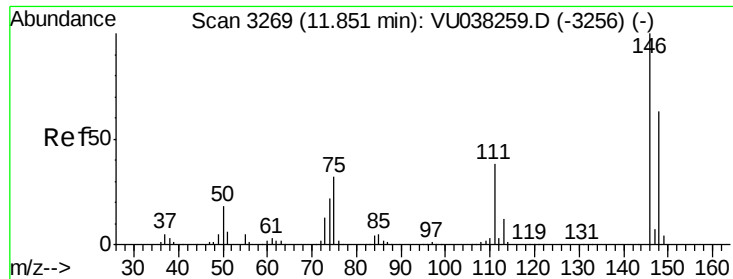
Ion Ratio Lower Upper

146 100

111 43.1 28.6 53.2

148 60.7 45.2 84.0





#63

1,4-Dichlorobenzene

Concen: 1.32 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

Instrument :

MSVOA_U

ClientSampled :

BE4T3DL

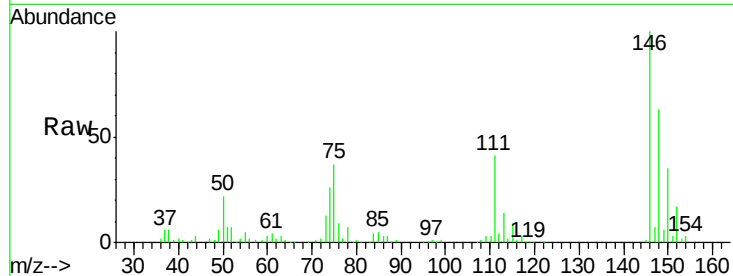
Tgt Ion:146 Resp: 75690

Ion Ratio Lower Upper

146 100

111 40.7 27.2 50.6

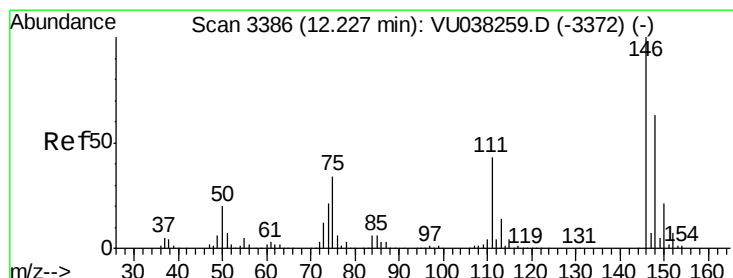
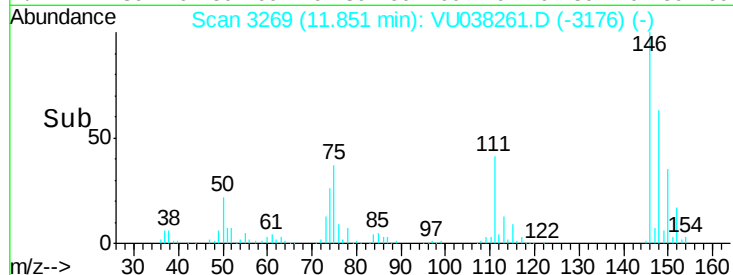
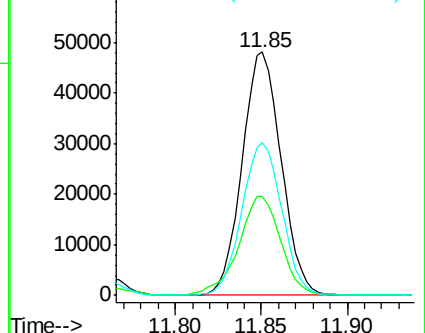
148 62.6 43.8 81.3



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



#65

1,2-Dichlorobenzene

Concen: 0.27 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

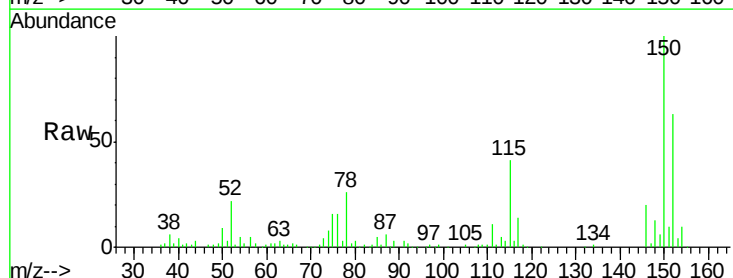
Tgt Ion:146 Resp: 14831

Ion Ratio Lower Upper

146 100

111 52.6 35.3 52.9

148 67.5 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

