

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040204.D
 Acq On : 18 Sep 2020 12:34
 Operator : SY/MD
 Sample : L4046-01DL 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0N9DL

Quant Time: Sep 18 23:50:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112962	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108814	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28608	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.92	69	27023	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.58	63	50958	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.66	46	136449	55.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.62%
24) Chloroform-d	5.08	84	70373	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	45613	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	129652	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	43769	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.91	98	102282	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.19	79	17837	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.64	63	97873	53.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40063	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	44599	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

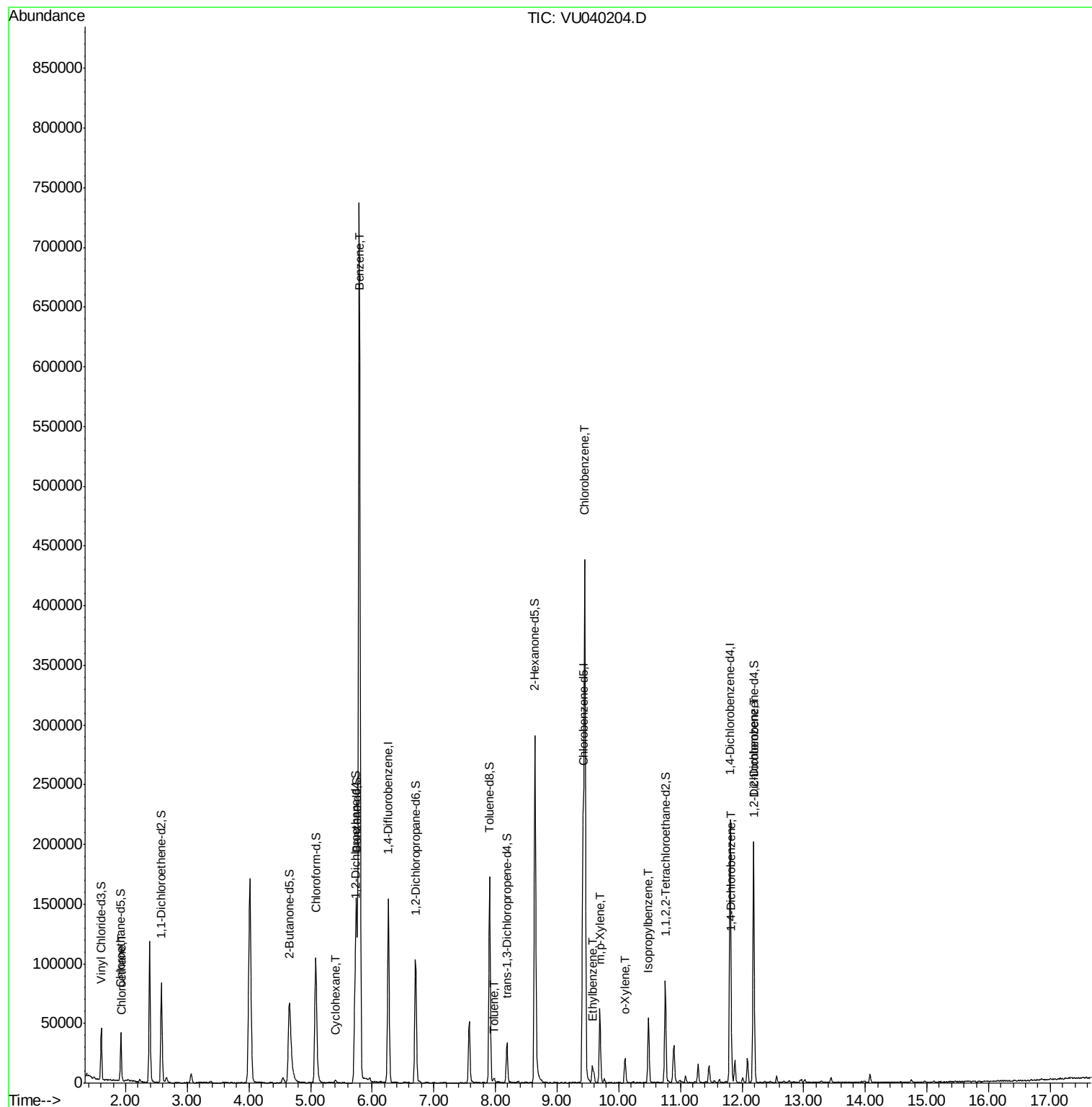
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	902	0.138	ug/L	96
30) Cyclohexane	5.41	56	1019	0.062	ug/L #	79
33) Benzene	5.79	78	647285	16.628	ug/L	100
42) Toluene	7.98	91	2622	0.065	ug/L	99
51) Chlorobenzene	9.45	112	211811	8.510	ug/L	96
52) Ethylbenzene	9.57	91	7567	0.166	ug/L	89
53) m,p-Xylene	9.70	106	16021	0.988	ug/L	99
54) o-Xylene	10.10	106	4014	0.260	ug/L	88
56) Isopropylbenzene	10.48	105	31719	0.753	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	4472	0.240	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	3512	0.197	ug/L	92

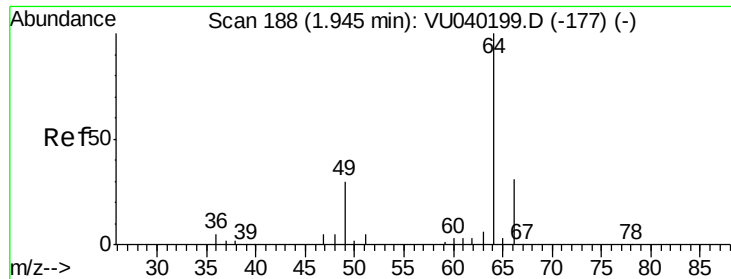
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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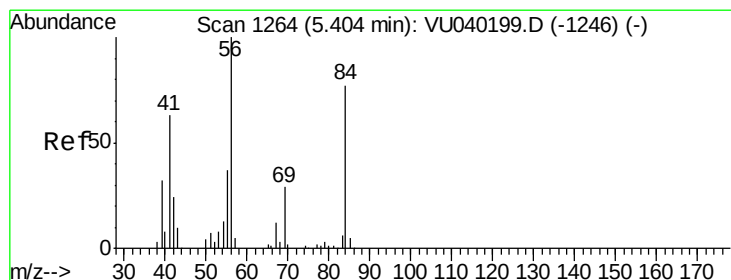
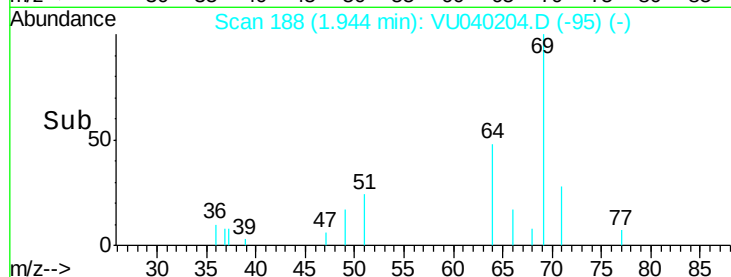
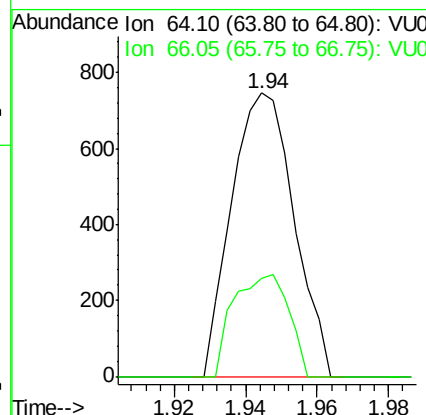
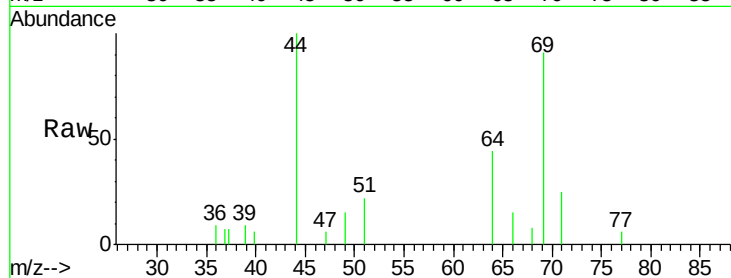




#8
Chloroethane
Concen: 0.138 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040204.D
Acq: 18 Sep 2020 12:34

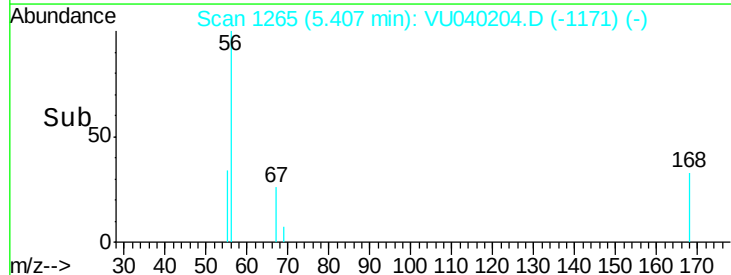
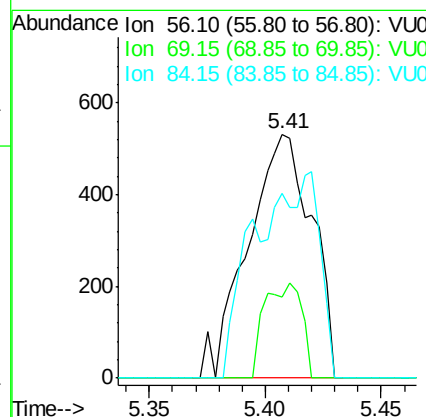
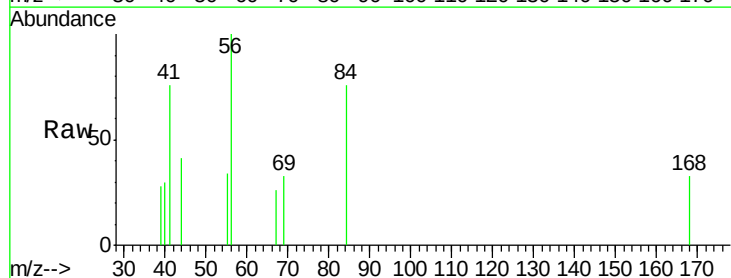
Instrument :
MSVOA_U
ClientSampleId :
BG0N9DL

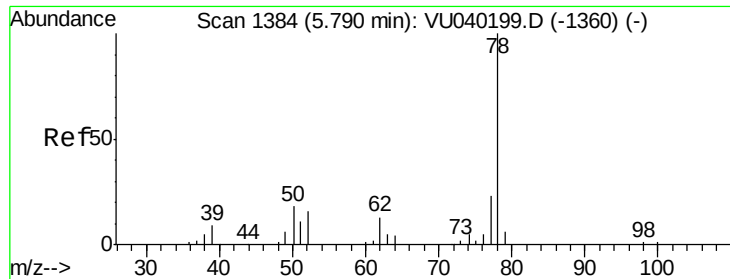
Tot Ion: 64 Resp: 902
Ion Ratio Lower Upper
64 100
66 34.6 22.7 42.1



#30
Cyclohexane
Concen: 0.062 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040204.D
Acq: 18 Sep 2020 12:34

Tgt Ion: 56 Resp: 1019
Ion Ratio Lower Upper
56 100
69 22.8 24.1 36.1#
84 60.5 65.0 97.4#





#33

Benzene

Concen: 16.628 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

Lab File: VU040204.D

Acq: 18 Sep 2020 12:34

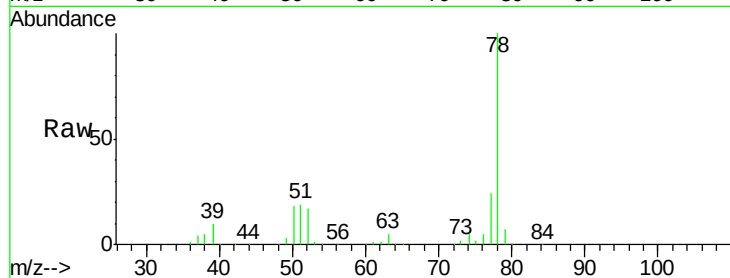
Instrument :

MSVOA_U

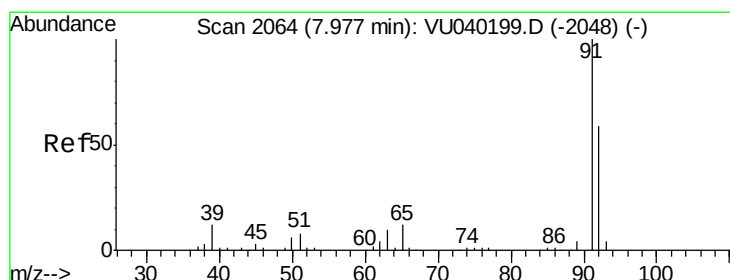
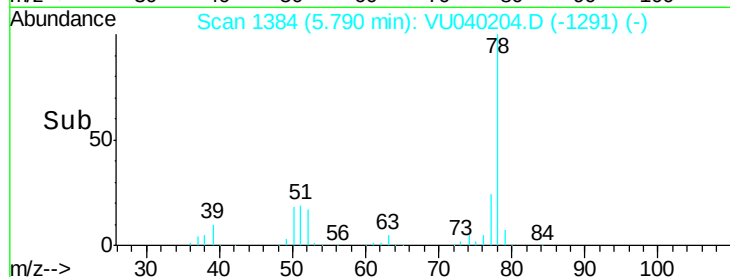
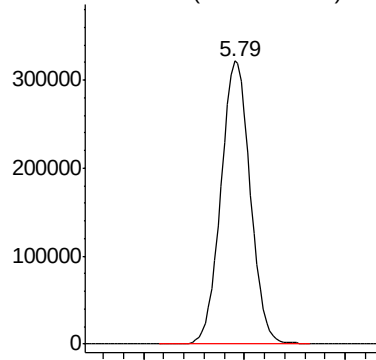
ClientSampleId :

BG0N9DL

Tgt Ion: 78 Resp: 647285



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.065 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040204.D

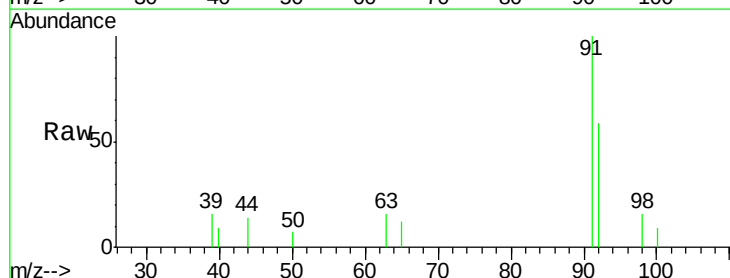
Acq: 18 Sep 2020 12:34

Tgt Ion: 91 Resp: 2622

Ion Ratio Lower Upper

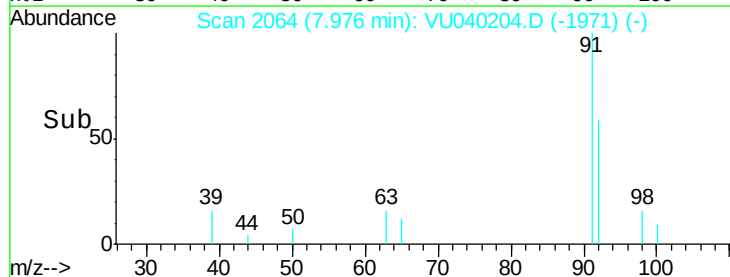
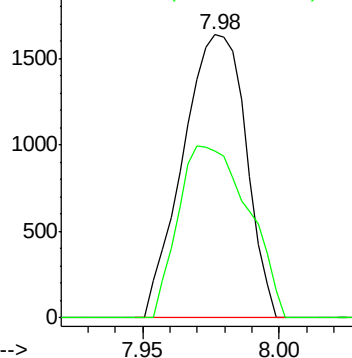
91 100

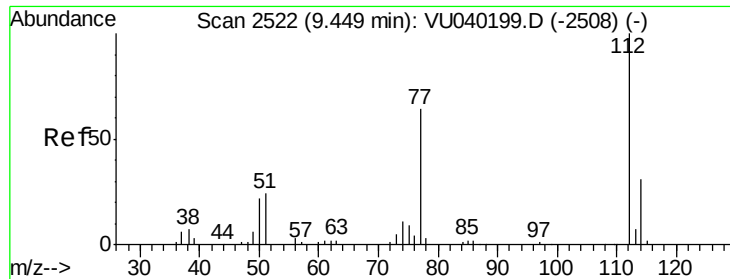
92 58.8 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

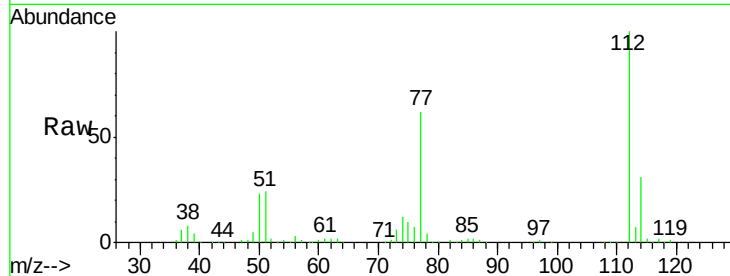




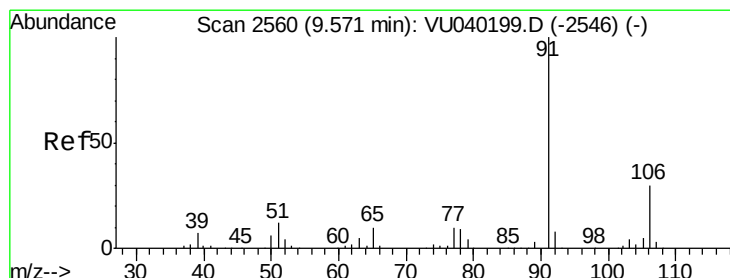
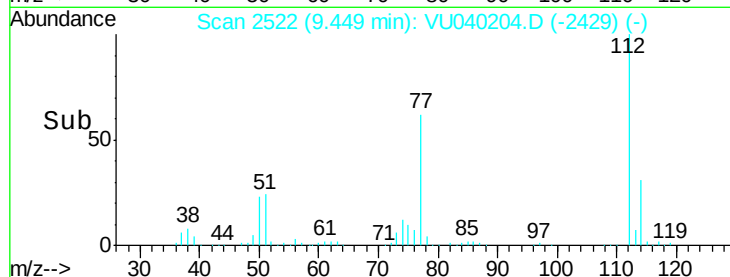
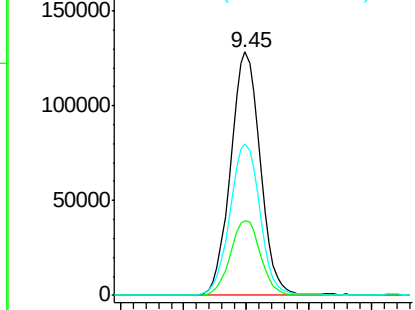
#51
Chlorobenzene
Concen: 8.510 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040204.D
Acq: 18 Sep 2020 12:34

Instrument :
MSVOA_U
ClientSampleId :
BG0N9DL

Tot Ion:112 Resp: 211811
Ion Ratio Lower Upper
112 100
114 30.8 22.7 42.3
77 62.3 53.2 79.8

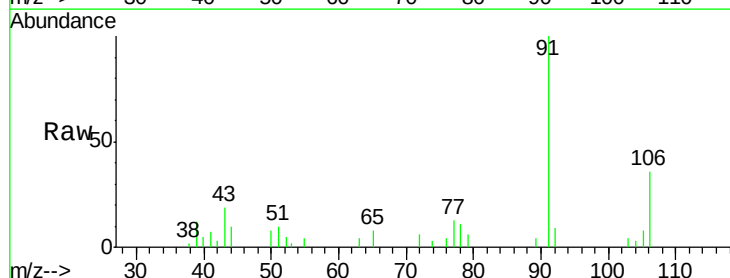


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

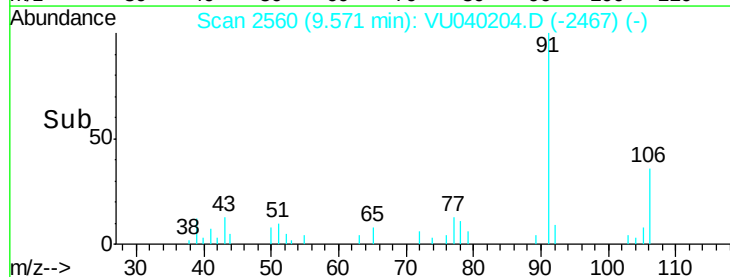
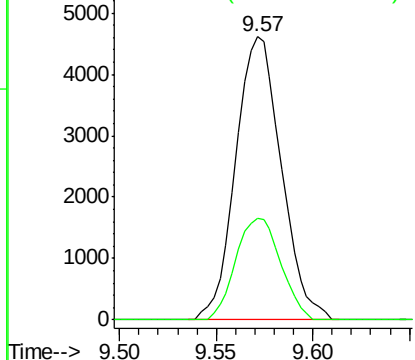


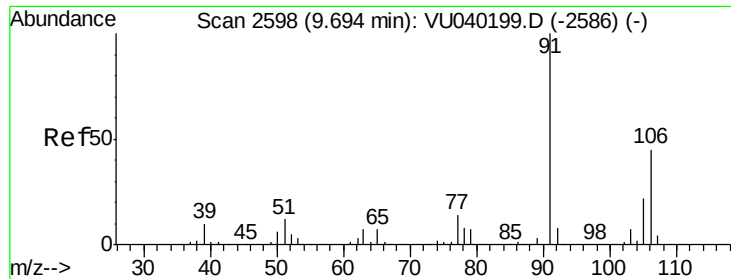
#52
Ethylbenzene
Concen: 0.166 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040204.D
Acq: 18 Sep 2020 12:34

Tgt Ion: 91 Resp: 7567
Ion Ratio Lower Upper
91 100
106 35.7 21.0 39.0



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

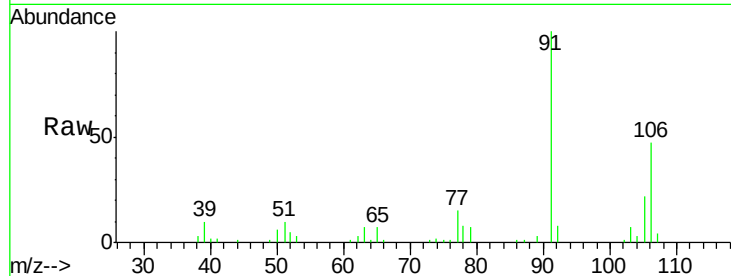




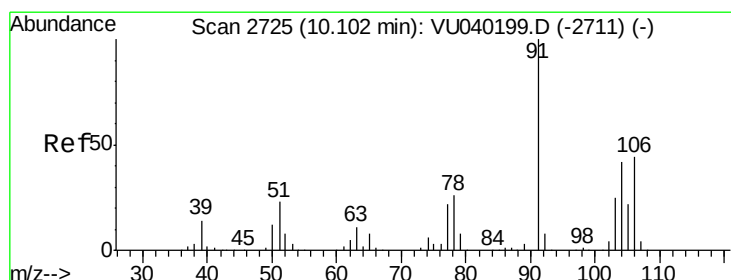
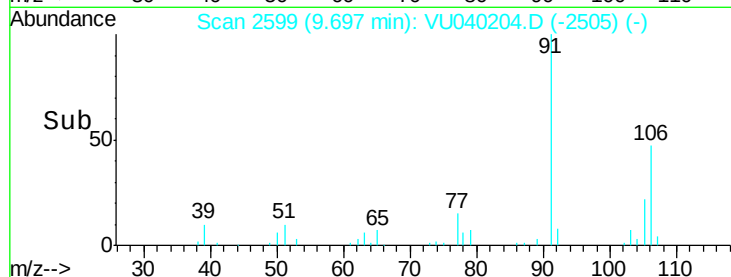
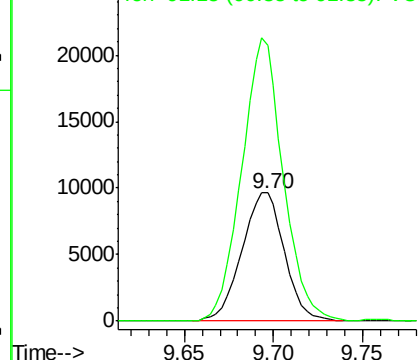
#53
m,p-Xylene
Concen: 0.988 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040204.D
Acq: 18 Sep 2020 12:34

Instrument :
MSVOA_U
ClientSampleId :
BG0N9DL

Tot Ion:106 Resp: 16021
Ion Ratio Lower Upper
106 100
91 214.5 151.7 281.7

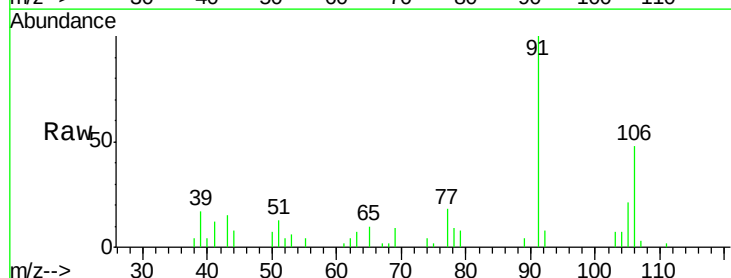


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

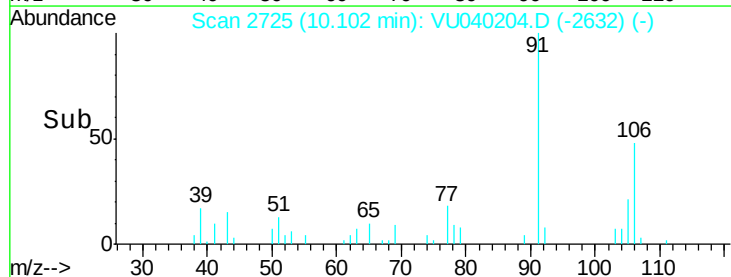
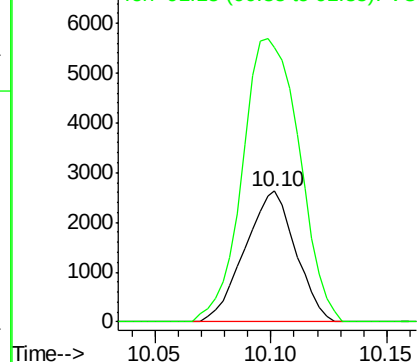


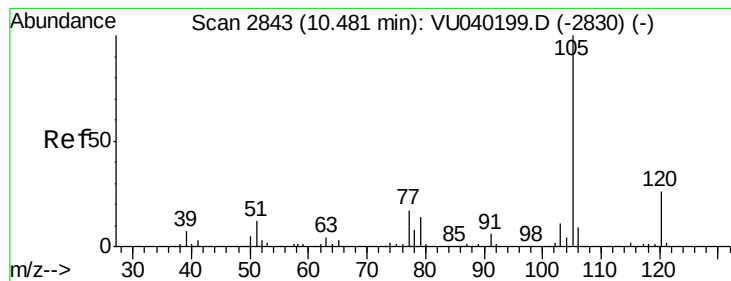
#54
o-Xylene
Concen: 0.260 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040204.D
Acq: 18 Sep 2020 12:34

Tgt Ion:106 Resp: 4014
Ion Ratio Lower Upper
106 100
91 210.0 160.8 298.6



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





#56

Isopropylbenzene

Concen: 0.753 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040204.D

Acq: 18 Sep 2020 12:34

Instrument :

MSVOA_U

ClientSampleId :

BG0N9DL

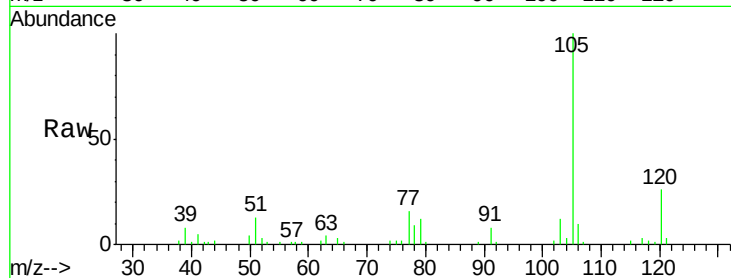
Tot Ion:105 Resp: 31719

Ion Ratio Lower Upper

105 100

120 25.9 20.1 30.1

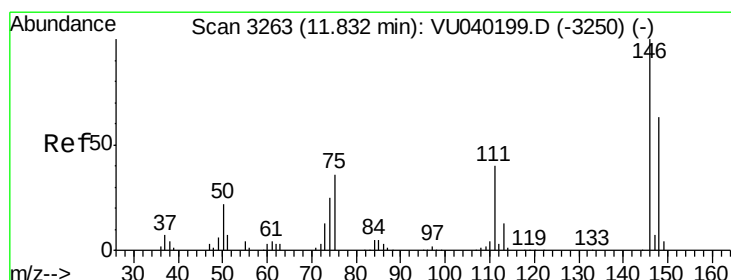
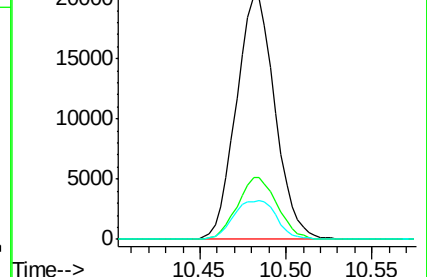
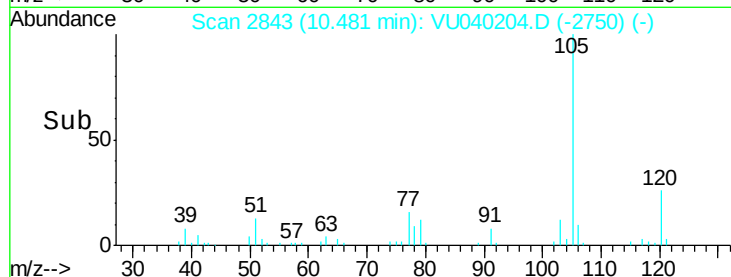
77 17.5 14.4 21.6



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): V



#63

1,4-Dichlorobenzene

Concen: 0.240 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU040204.D

Acq: 18 Sep 2020 12:34

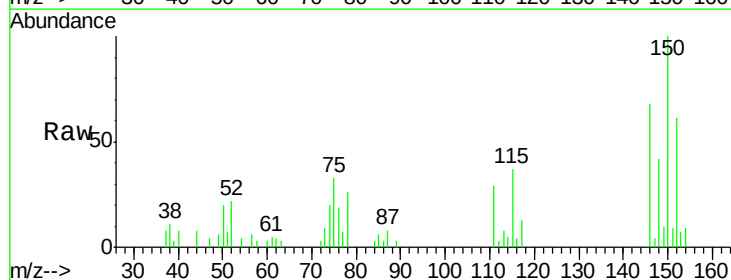
Tgt Ion:146 Resp: 4472

Ion Ratio Lower Upper

146 100

111 42.0 30.5 56.7

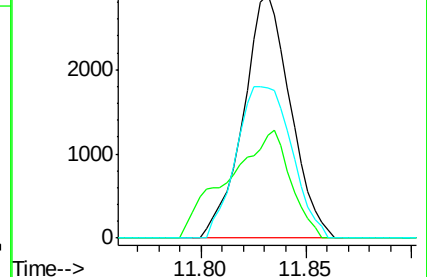
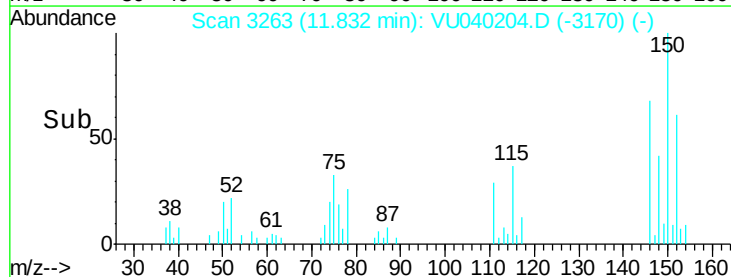
148 61.9 45.4 84.4

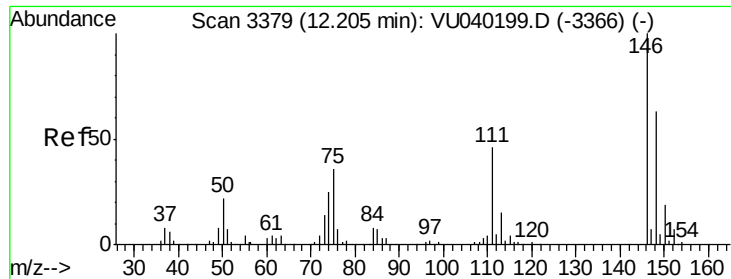


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65
 1,2-Dichlorobenzene
 Concen: 0.197 ug/L
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040204.D
 Acq: 18 Sep 2020 12:34

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0N9DL

Tot Ion:146 Resp: 3512
 Ion Ratio Lower Upper
 146 100
 111 47.5 36.5 54.7
 148 51.3 48.6 72.8

