

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040231.D
 Acq On : 21 Sep 2020 14:11
 Operator : SY/MD
 Sample : L4046-13 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q1

Quant Time: Sep 22 16:00:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 22 07:07:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135152	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133621	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64697	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31506	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.92	69	30332	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	54452	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.66	46	162144	54.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.88%
24) Chloroform-d	5.08	84	80531	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.72	65	52025	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.75	84	143189	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	47954	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.91	98	115479	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.19	79	20889	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	117745	52.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49045	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	56284	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

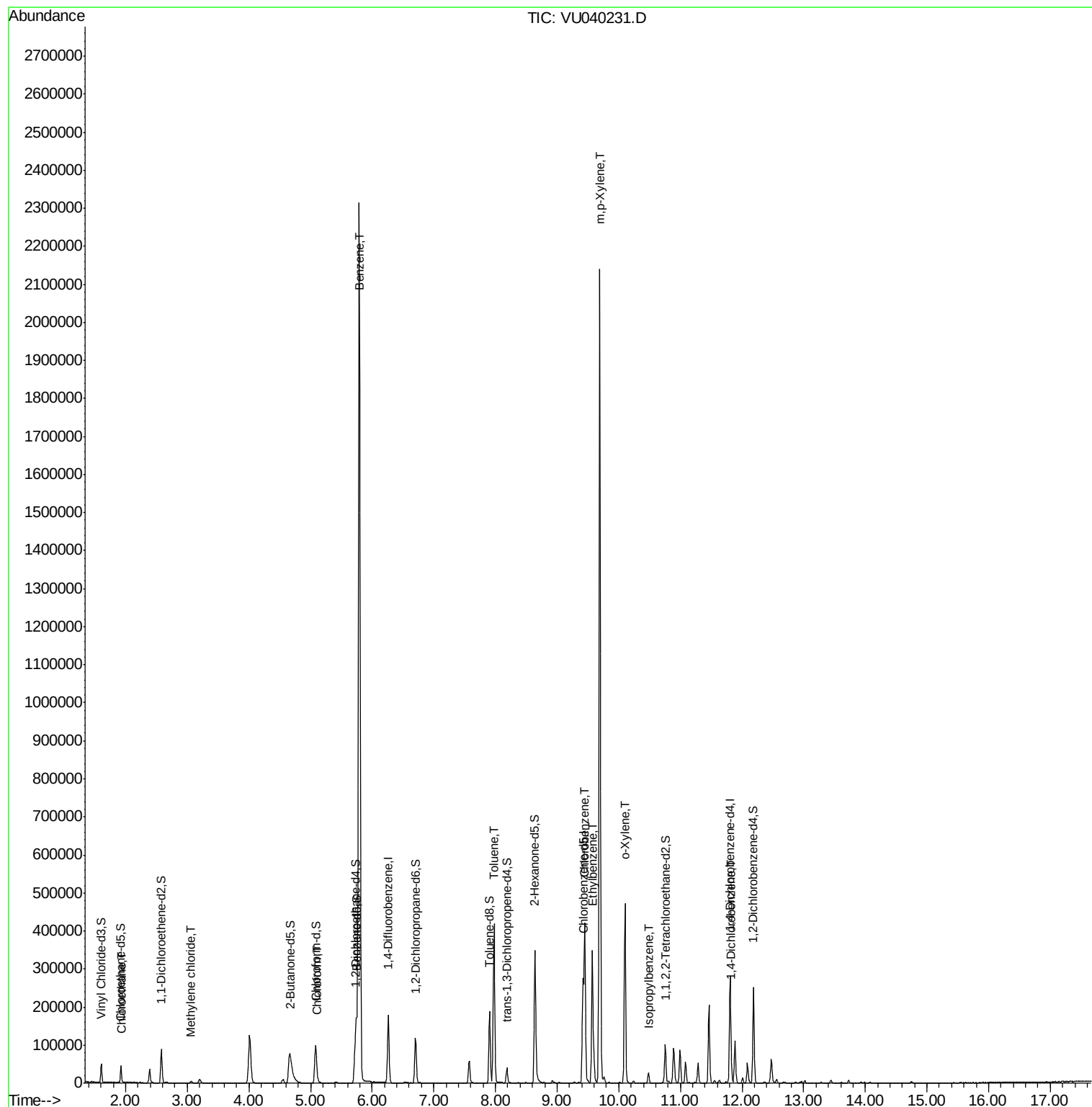
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	1163	0.149	ug/L	96
16) Methylene chloride	3.06	84	1988	0.145	ug/L	85
25) Chloroform	5.11	83	4445	0.187	ug/L	81
33) Benzene	5.79	78	2043113	42.741	ug/L	100
42) Toluene	7.98	91	281134	5.711	ug/L	100
51) Chlorobenzene	9.45	112	202355	6.621	ug/L	98
52) Ethylbenzene	9.57	91	228481	4.085	ug/L	100
53) m,p-Xylene	9.69	106	539712	27.102	ug/L	99
54) o-Xylene	10.10	106	114627	6.040	ug/L	98
56) Isopropylbenzene	10.48	105	16240	0.314	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	7736	0.323	ug/L	95

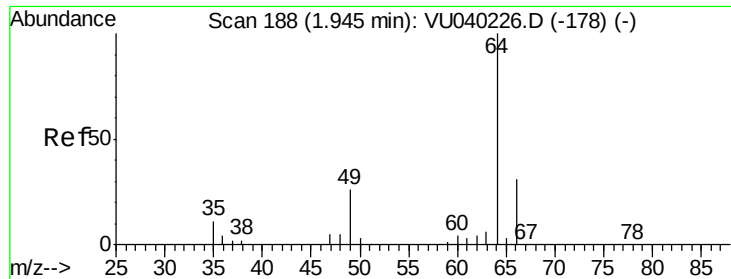
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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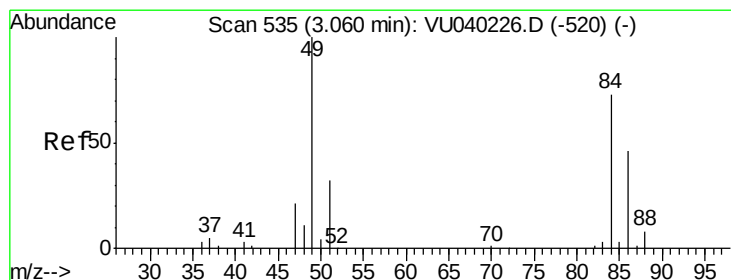
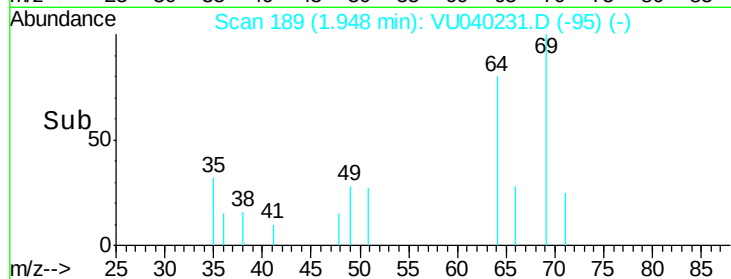
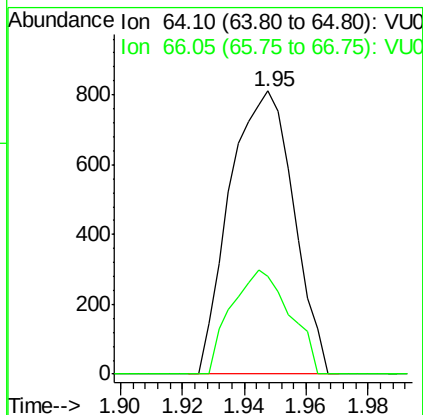
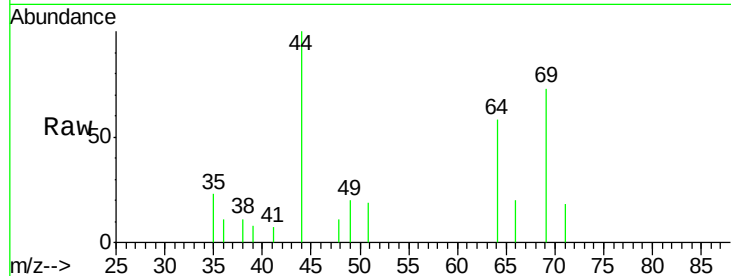




#8
Chloroethane
Concen: 0.149 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

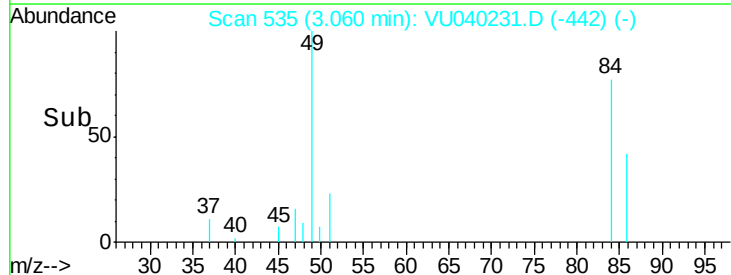
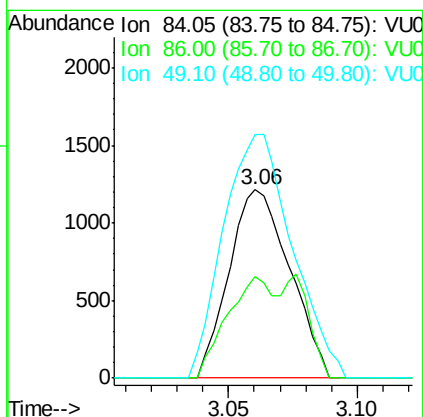
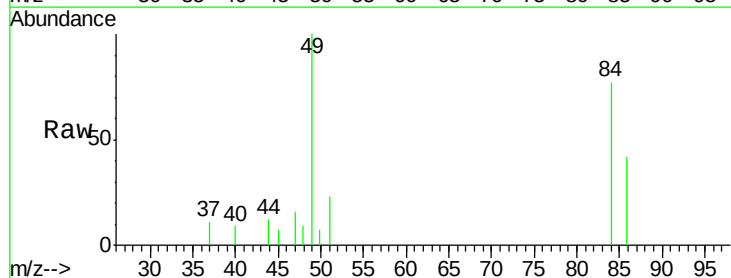
Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

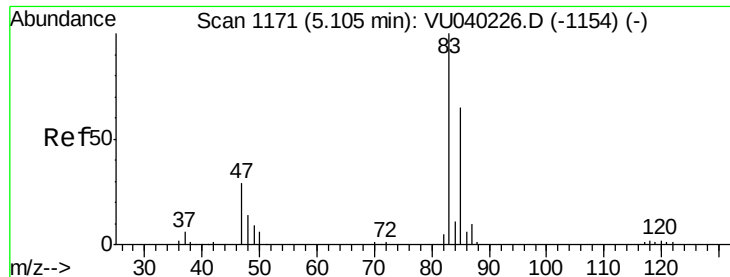
Tot Ion: 64 Resp: 1163
Ion Ratio Lower Upper
64 100
66 34.5 22.7 42.1



#16
Methylene chloride
Concen: 0.145 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion: 84 Resp: 1988
Ion Ratio Lower Upper
84 100
86 54.0 45.2 84.0
49 129.5 104.0 193.2

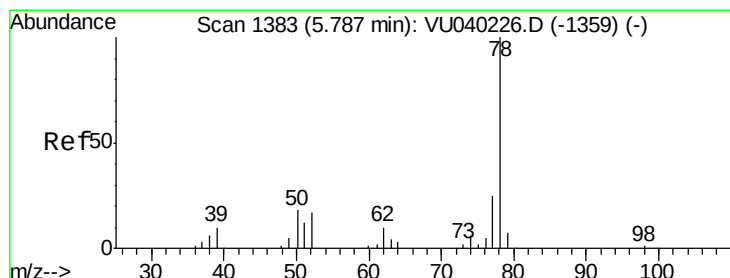
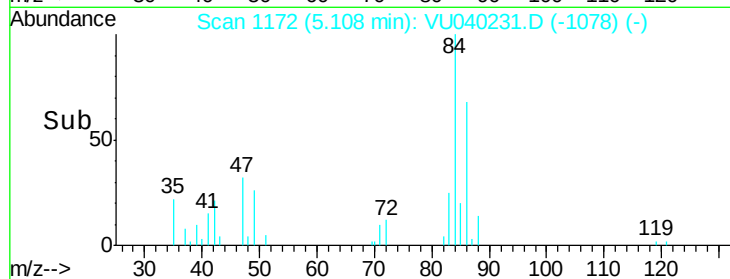
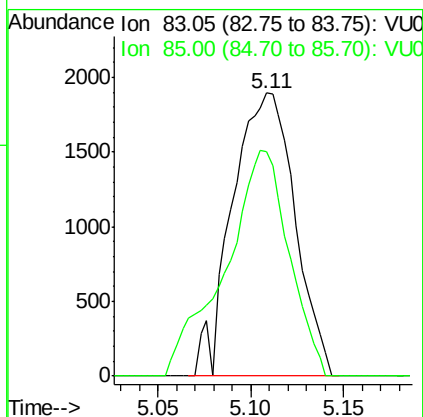
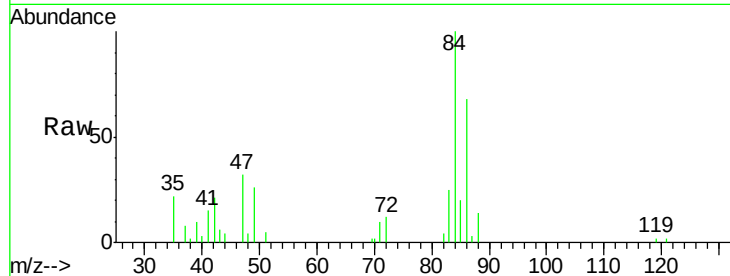




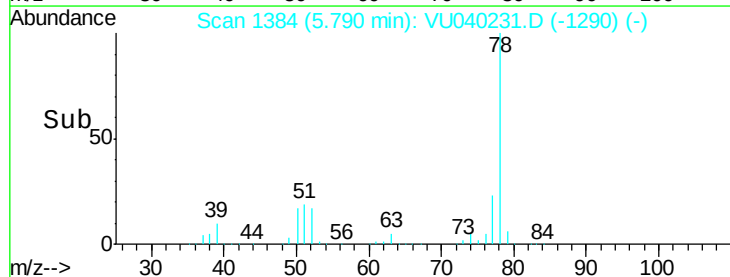
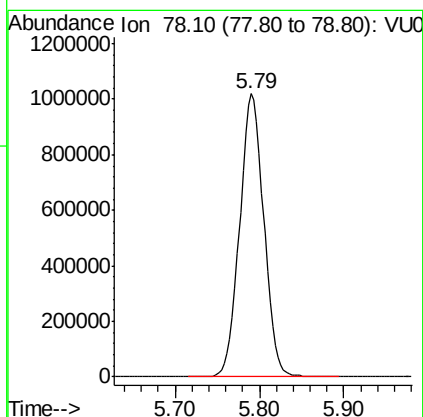
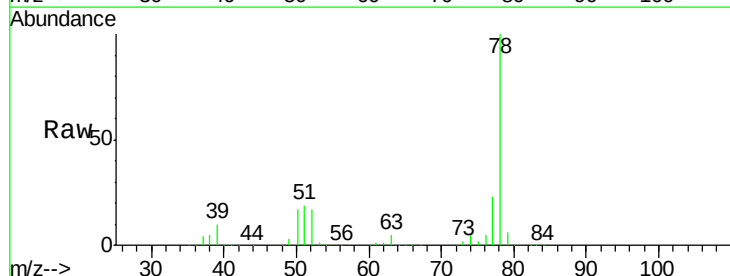
#25
Chloroform
Concen: 0.187 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

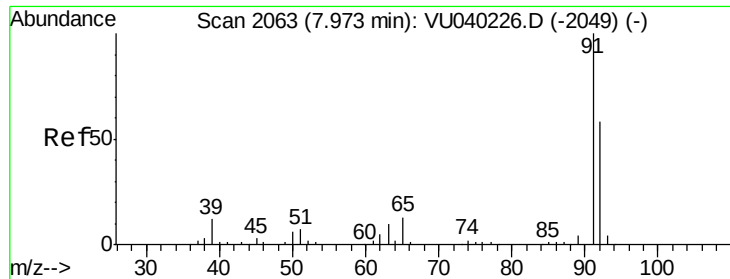
Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

Tot Ion: 83 Resp: 4445
Ion Ratio Lower Upper
83 100
85 79.4 45.3 84.1



#33
Benzene
Concen: 42.741 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11
Tgt Ion: 78 Resp: 2043113





#42

Toluene

Concen: 5.711 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040231.D

Acq: 21 Sep 2020 14:11

Instrument :

MSVOA_U

ClientSampleId :

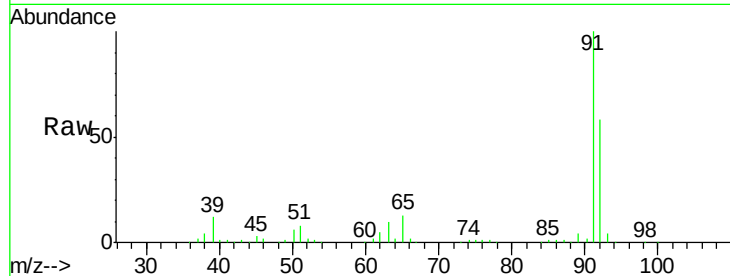
BG0Q1

Tot Ion: 91 Resp: 281134

Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU040226.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU040226.D (-2049) (-)

7.98

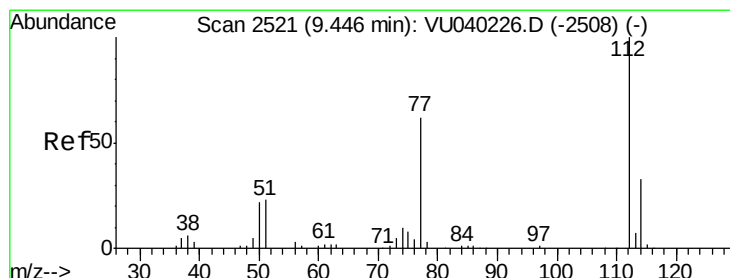
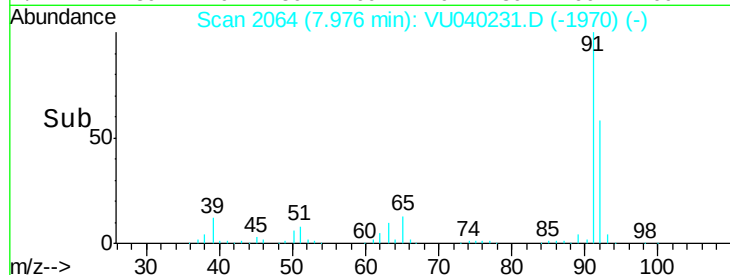
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 6.621 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040231.D

Acq: 21 Sep 2020 14:11

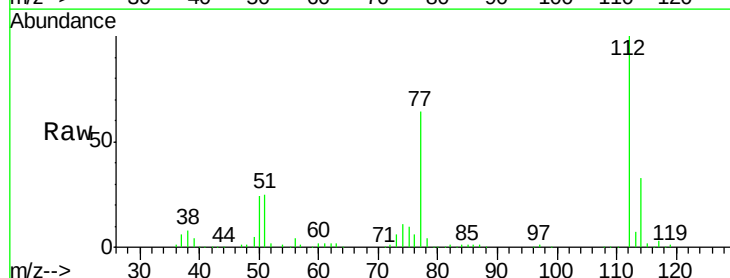
Tgt Ion: 112 Resp: 202355

Ion Ratio Lower Upper

112 100

114 32.8 22.7 42.3

77 63.9 53.2 79.8



Abundance Ion 112.10 (111.80 to 112.80): VU040226.D (-2508) (-)

Ion 114.05 (113.75 to 114.75): VU040226.D (-2508) (-)

Ion 77.10 (76.80 to 77.80): VU040226.D (-2508) (-)

9.45

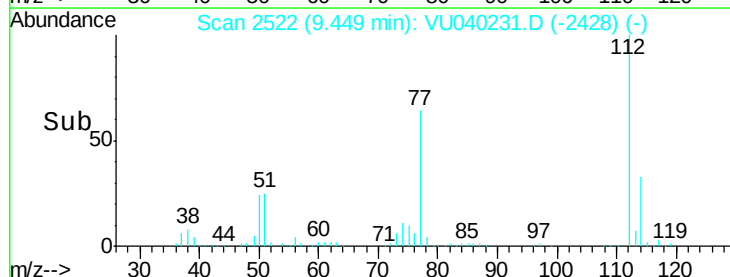
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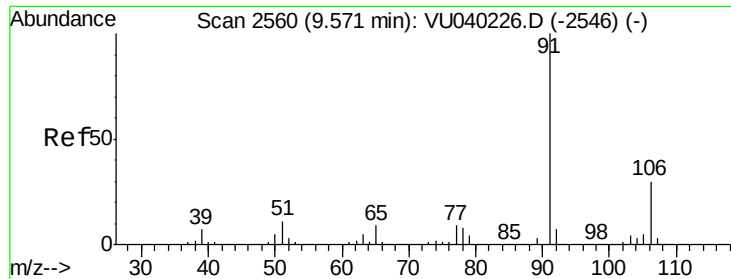
100000

50000

0

Time-->

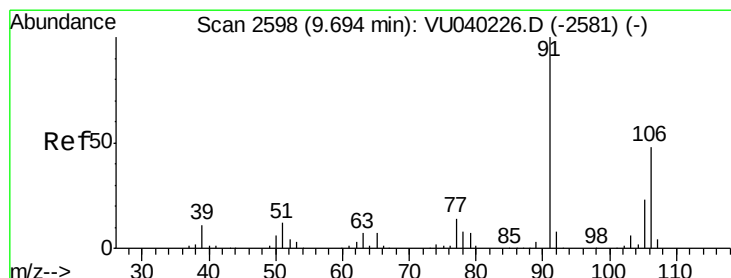
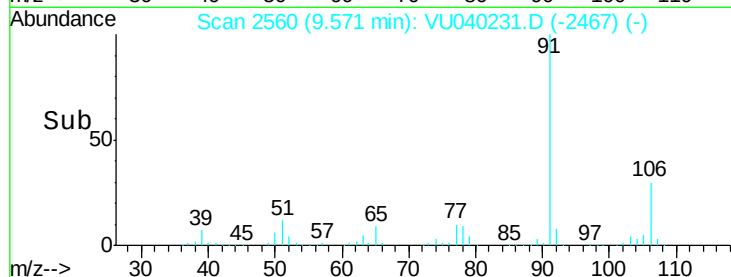
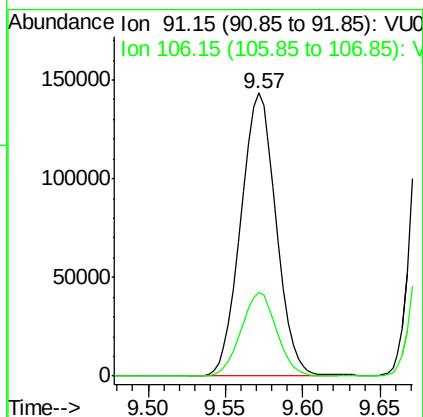
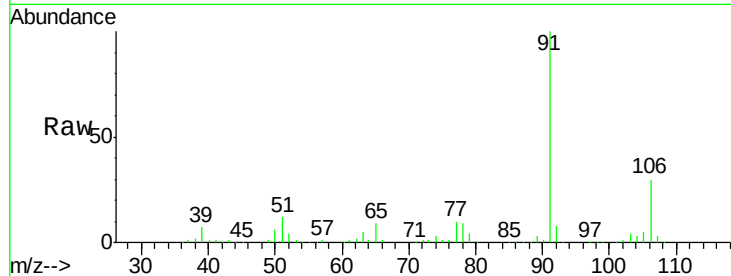




#52
Ethylbenzene
Concen: 4.085 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

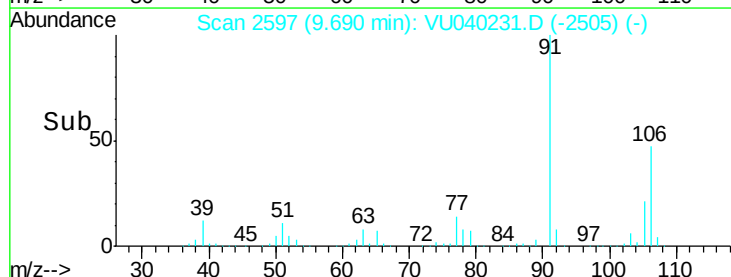
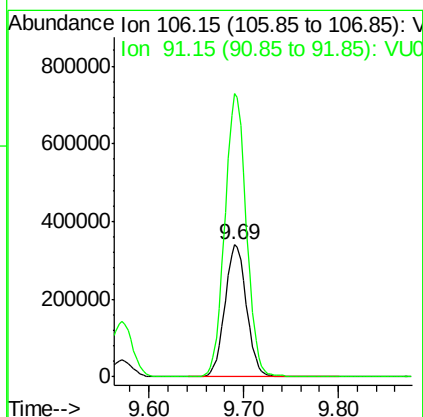
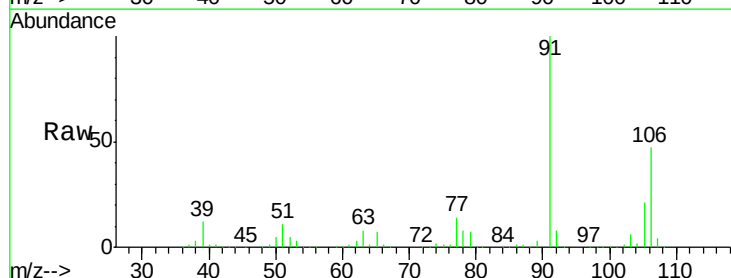
Instrument :
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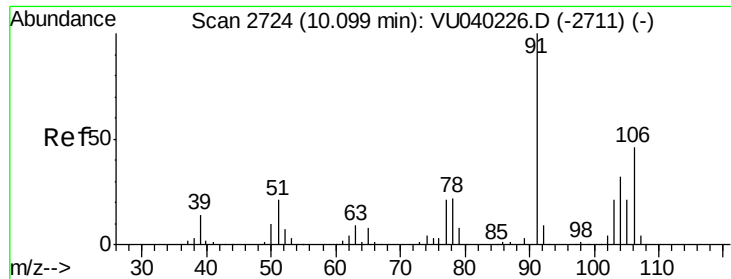
Tot Ion: 91 Resp: 228481
Ion Ratio Lower Upper
91 100
106 29.8 21.0 39.0



#53
m,p-Xylene
Concen: 27.102 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion: 106 Resp: 539712
Ion Ratio Lower Upper
106 100
91 214.4 151.7 281.7

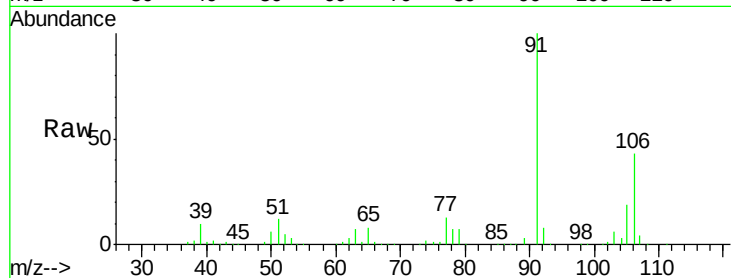




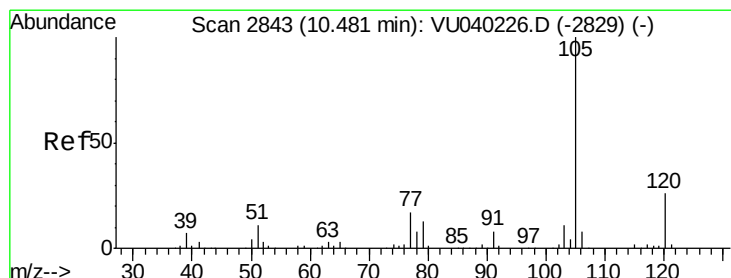
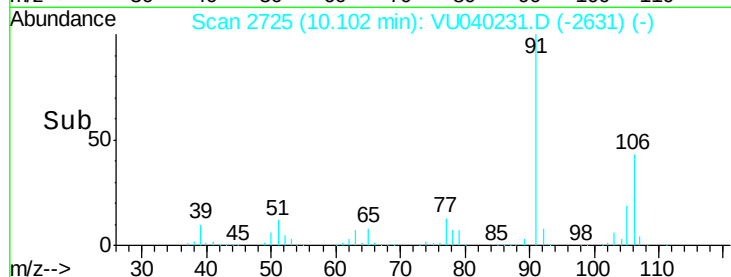
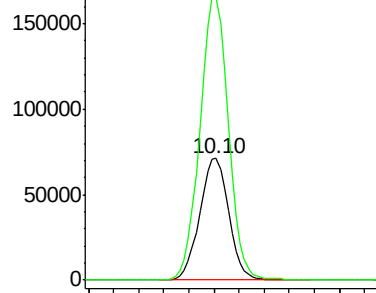
#54
o-Xylene
Concen: 6.040 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1

Tot Ion:106 Resp: 114627
Ion Ratio Lower Upper
106 100
91 232.2 160.8 298.6

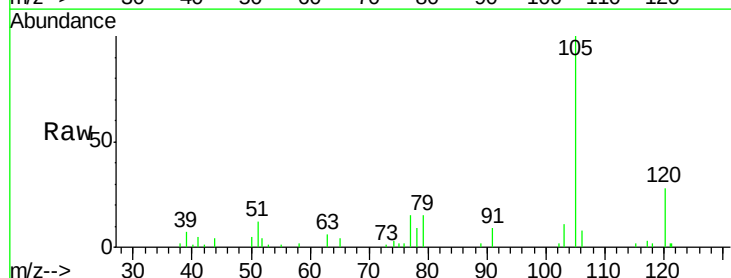


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

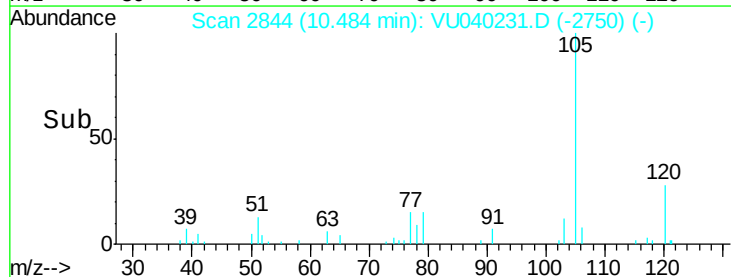
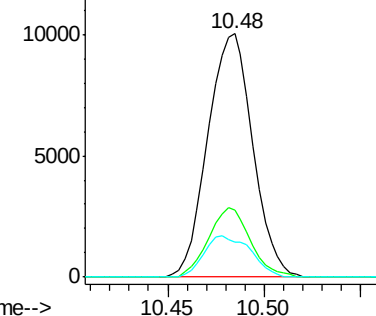


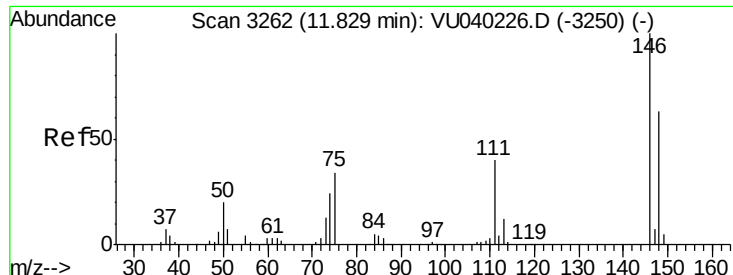
#56
Isopropylbenzene
Concen: 0.314 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040231.D
Acq: 21 Sep 2020 14:11

Tgt Ion:105 Resp: 16240
Ion Ratio Lower Upper
105 100
120 26.5 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): VU0





#63

1,4-Dichlorobenzene

Concen: 0.323 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. -0.00 min

Lab File: VU040231.D

Acq: 21 Sep 2020 14:11

Instrument :

MSVOA_U

ClientSampleId :

BG0Q1

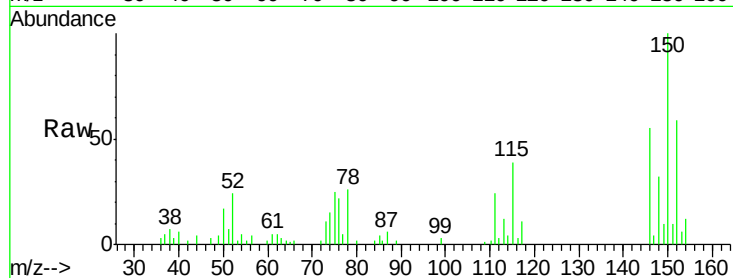
Tot Ion:146 Resp: 7736

Ion Ratio Lower Upper

146 100

111 44.1 30.5 56.7

148 59.2 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

