

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040179.D
 Acq On : 17 Sep 2020 14:23
 Operator : SY/MD
 Sample : L4046-08DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P6DL

Manual Integrations
 APPROVED

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 9/18/2020 1:21:38 PM

Quant Time: Sep 18 04:00:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 03:11:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	106907	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48693	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27711	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.92	69	25836	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	47608	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.64	46	116923	50.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.16%
24) Chloroform-d	5.08	84	60404	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.72	65	41804	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.74	84	119668	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	40925	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.91	98	95957	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.19	79	16189	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	88097	50.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36830	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	42660	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	857	0.138	ug/L #	75
16) Methylene chloride	3.06	84	17342	1.601	ug/L	92
33) Benzene	5.79	78	408787	11.067	ug/L	100
51) Chlorobenzene	9.45	112	89196	3.777	ug/L	97
53) m,p-Xylene	9.70	106	2027m	0.132	ug/L	
54) o-Xylene	10.10	106	3326	0.227	ug/L	93
56) Isopropylbenzene	10.48	105	9872	0.247	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	1544	0.086	ug/L	84
65) 1,2-Dichlorobenzene	12.20	146	1134	0.066	ug/L #	75

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

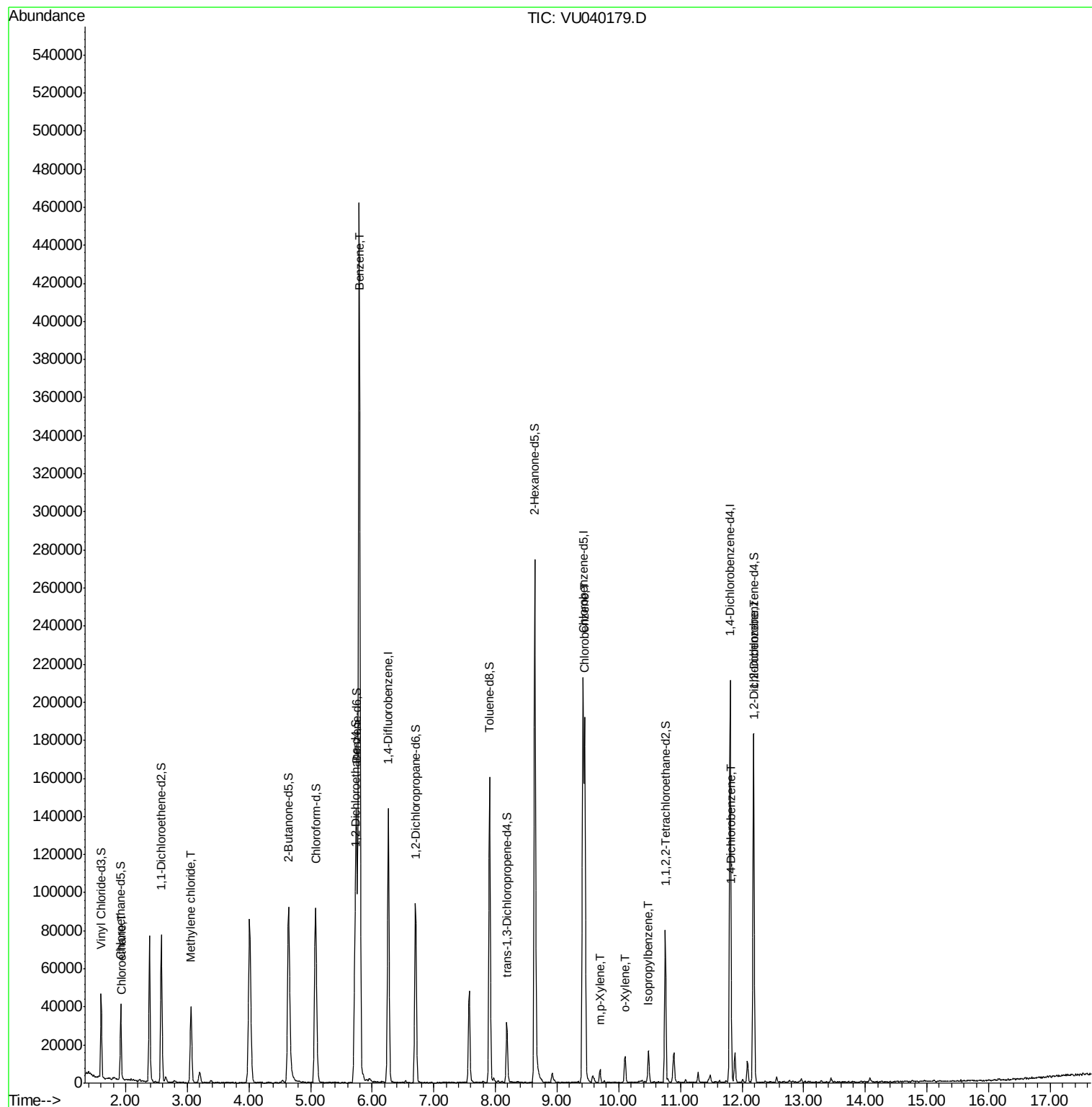
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
Data File : VU040179.D
Acq On : 17 Sep 2020 14:23
Operator : SY/MD
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ALS Vial : 7 Sample Multiplier: 1

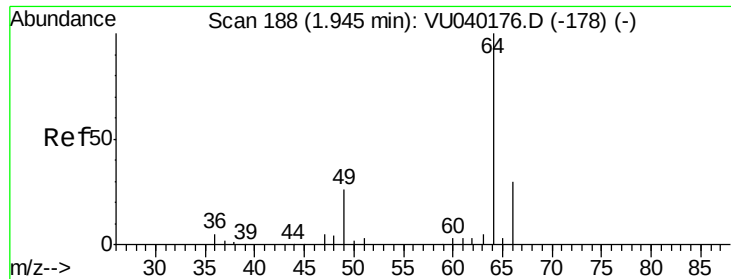
Instrument :
MSVOA_U
ClientSampleId :
BG0P6DL

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Quant Time: Sep 18 04:00:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 03:11:09 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.138 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040179.D

Acq: 17 Sep 2020 14:23

Instrument :

MSVOA_U

ClientSampleId :

BG0P6DL

Tot Ion: 64 Resp: 857

Ion Ratio Lower Upper

64 100

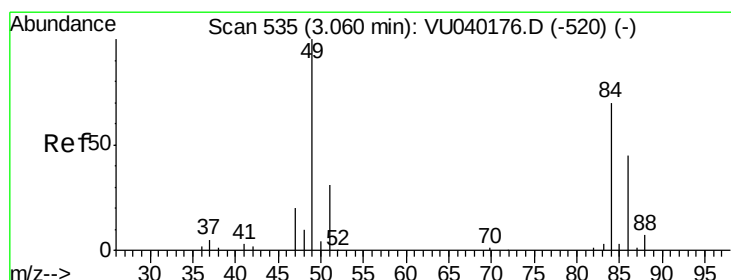
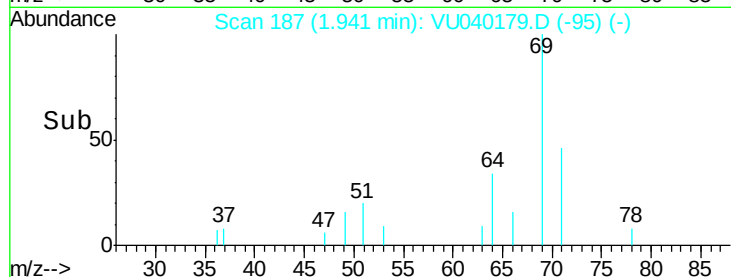
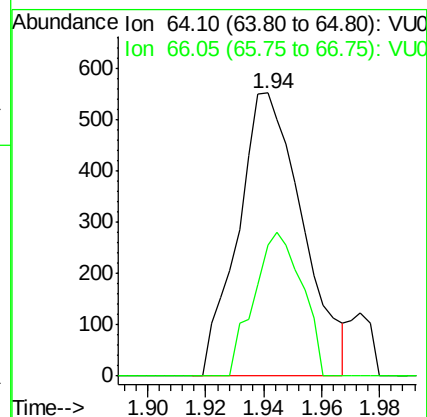
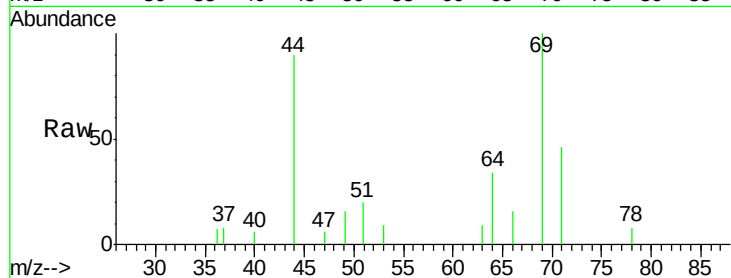
66 46.2 22.7 42.1#

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#16

Methylene chloride

Concen: 1.601 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040179.D

Acq: 17 Sep 2020 14:23

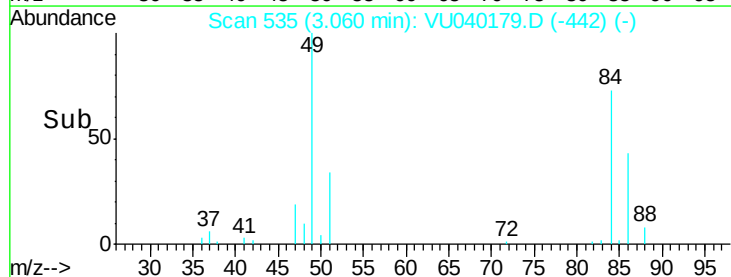
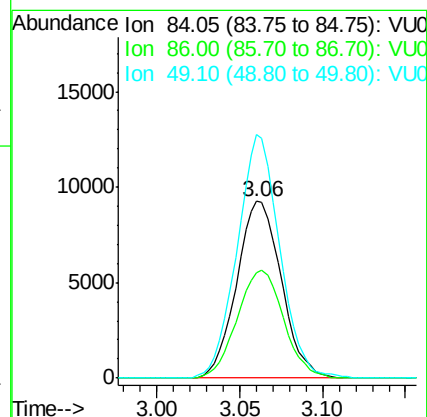
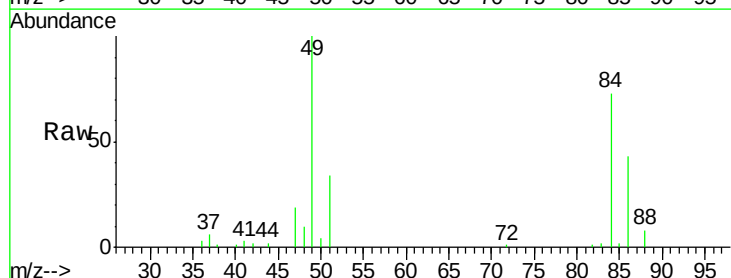
Tgt Ion: 84 Resp: 17342

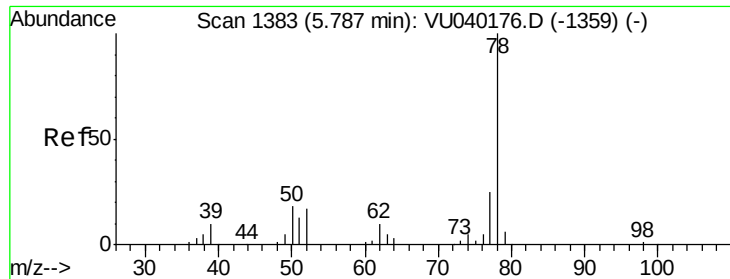
Ion Ratio Lower Upper

84 100

86 59.3 45.2 84.0

49 137.7 104.0 193.2





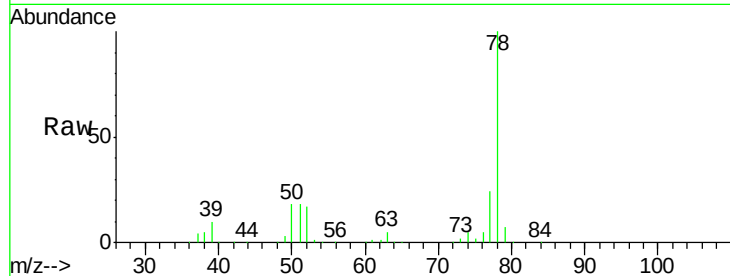
#33
Benzene
Concen: 11.067 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040179.D
Acq: 17 Sep 2020 14:23

Instrument :
MSVOA_U
ClientSampleId :
BG0P6DL

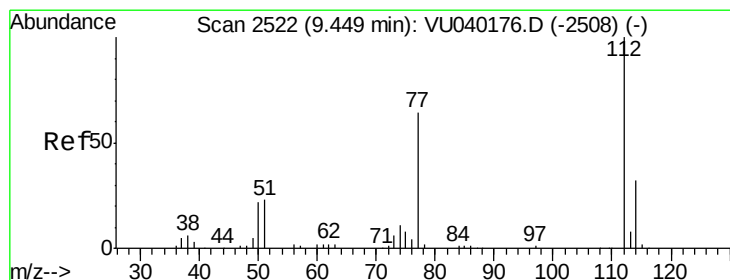
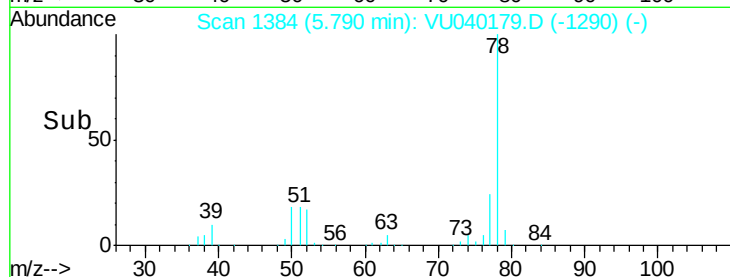
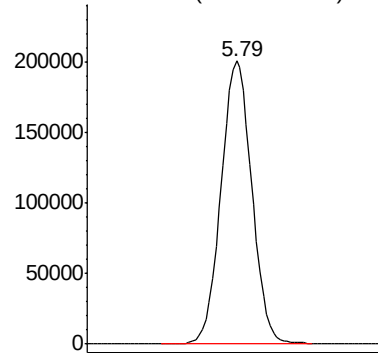
Tgt Ion: 78 Resp: 408787

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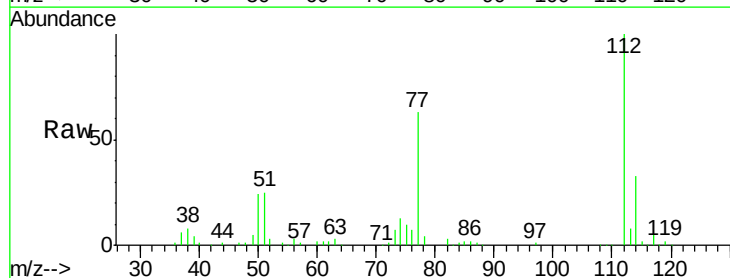


Abundance Ion 78.10 (77.80 to 78.80): VU0



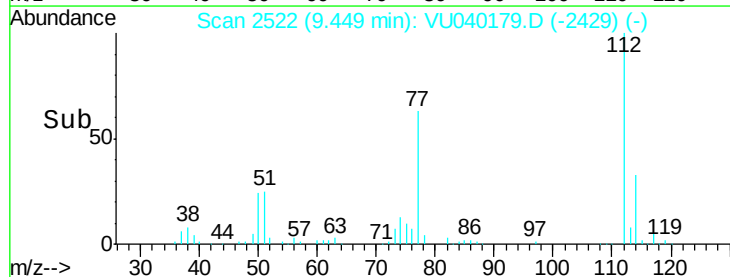
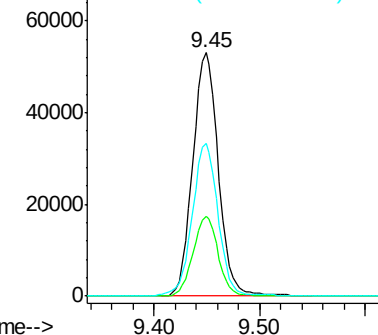
#51
Chlorobenzene
Concen: 3.777 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040179.D
Acq: 17 Sep 2020 14:23

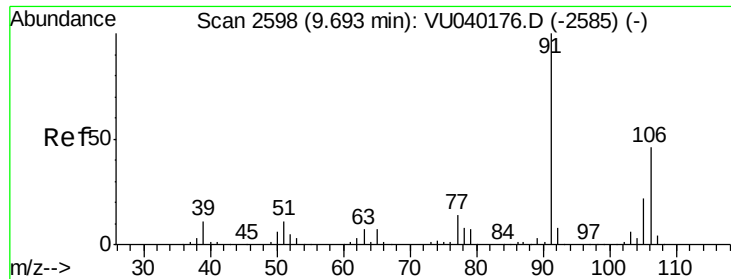
Tgt Ion: 112 Resp: 89196
Ion Ratio Lower Upper
112 100
114 32.7 22.7 42.3
77 62.9 53.2 79.8



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): VU0





#53

m,p-Xylene

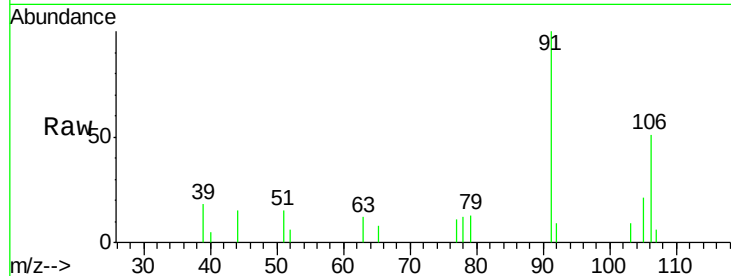
Concen: 0.132 ug/L m
RT: 9.70 min Scan# 2600
Delta R.T. 0.01 min
Lab File: VU040179.D
Acq: 17 Sep 2020 14:23

Instrument :
MSVOA_U
ClientSampleID :
BG0P6DL

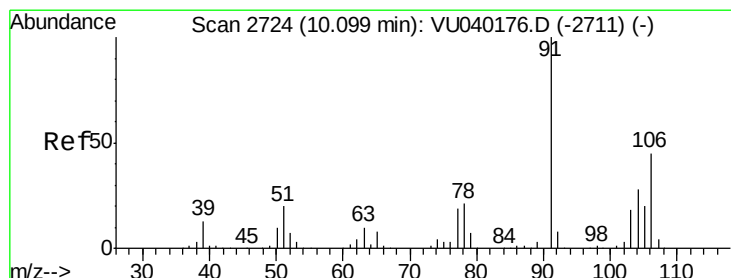
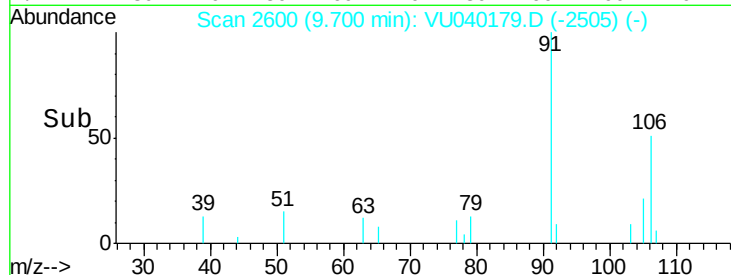
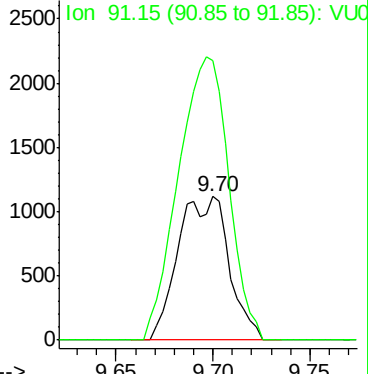
Tot Ion:106 Resp: 2027
Ion Ratio Lower Upper
106 100
91 194.9 151.7 281.7

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Abundance Ion 106.15 (105.85 to 106.85): V

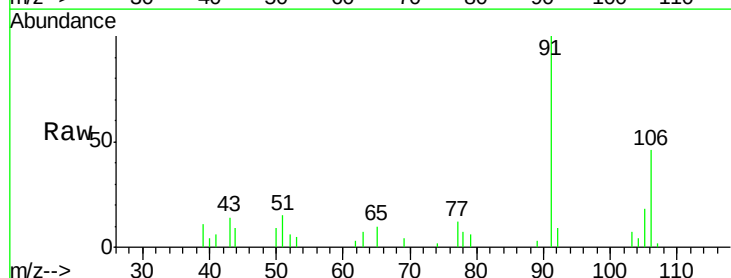


#54

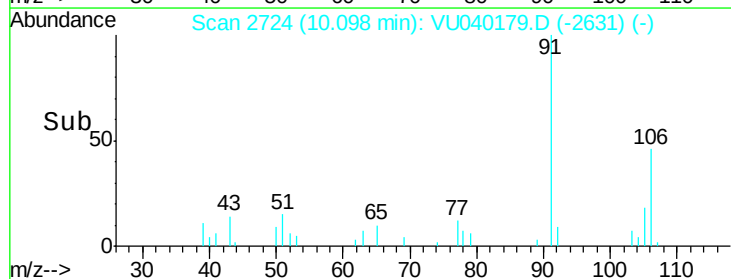
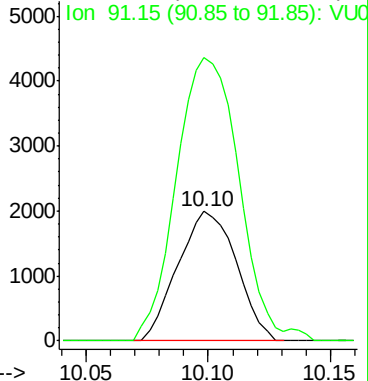
o-Xylene

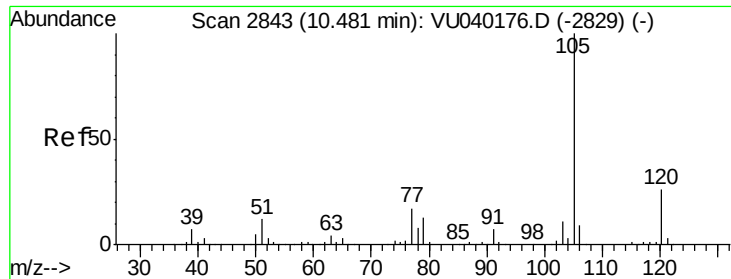
Concen: 0.227 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040179.D
Acq: 17 Sep 2020 14:23

Tgt Ion:106 Resp: 3326
Ion Ratio Lower Upper
106 100
91 218.6 160.8 298.6



Abundance Ion 106.15 (105.85 to 106.85): V





#56

Isopropylbenzene

Concen: 0.247 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040179.D

Acq: 17 Sep 2020 14:23

Instrument :

MSVOA_U

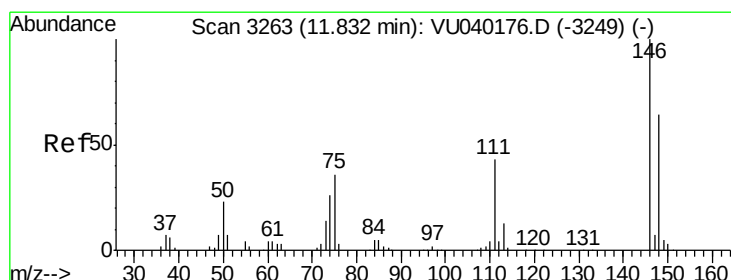
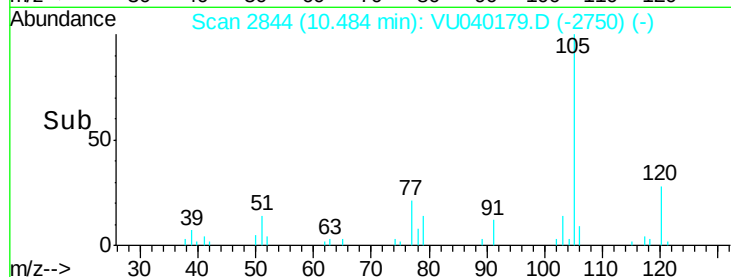
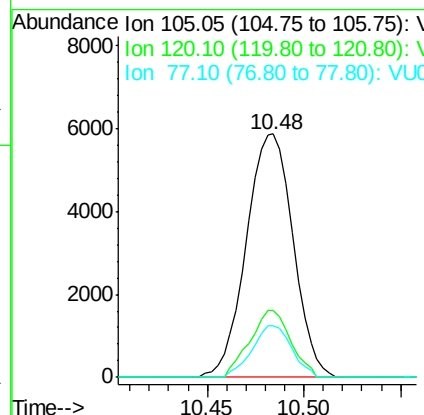
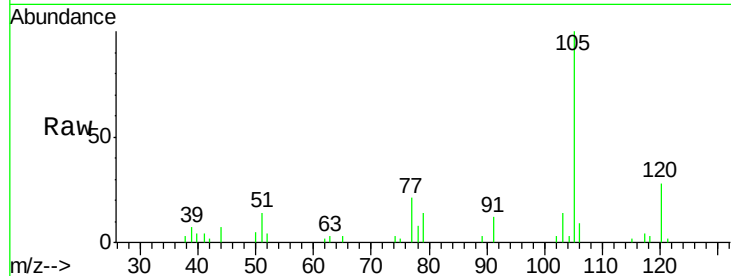
ClientSampleId :

BG0P6DL

Tot Ion:	105	Resp:	9872
Ion Ratio	Lower	Upper	
105	100		
120	24.0	20.1	30.1
77	18.0	14.4	21.6

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#63

1,4-Dichlorobenzene

Concen: 0.086 ug/L

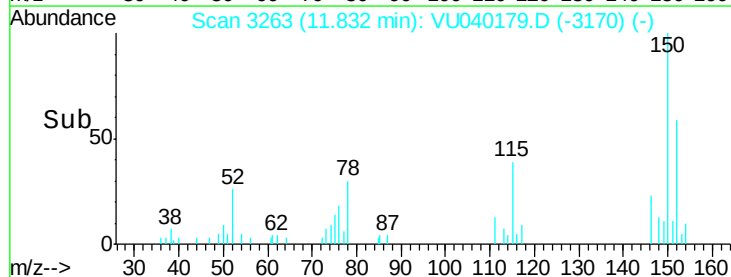
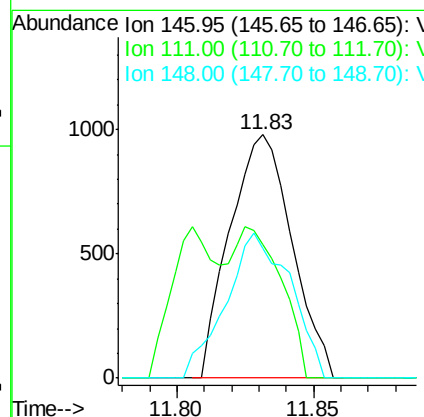
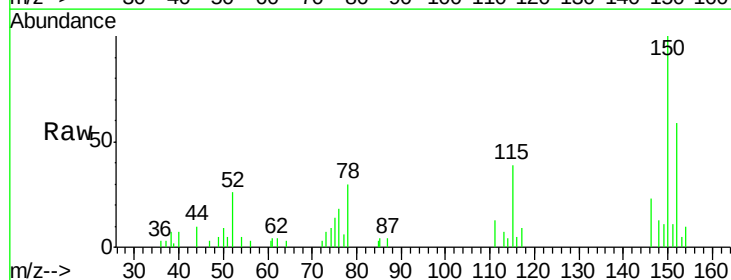
RT: 11.83 min Scan# 3263

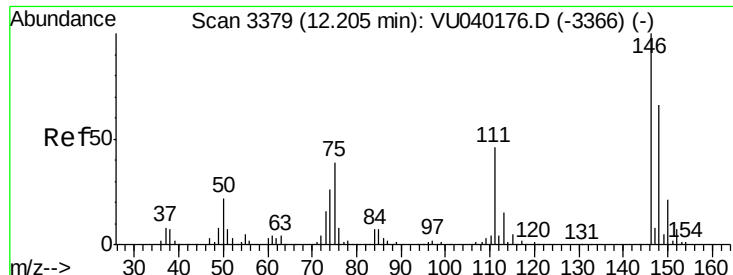
Delta R.T. -0.00 min

Lab File: VU040179.D

Acq: 17 Sep 2020 14:23

Tgt Ion:	146	Resp:	1544
Ion Ratio	Lower	Upper	
146	100		
111	54.9	30.5	56.7
148	53.5	45.4	84.4





#65
 1,2-Dichlorobenzene
 Concen: 0.066 ug/L
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040179.D
 Acq: 17 Sep 2020 14:23

Instrument :
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Tot Ion	Ratio	Lower	Upper
146	100		
111	70.7	36.5	54.7#
148	49.3	48.6	72.8

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