

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040167.D
 Acq On : 16 Sep 2020 23:28
 Operator : SY/MD
 Sample : L4046-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P3

Quant Time: Sep 17 03:17:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 02:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111651	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110093	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28010	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.92	69	27003	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.58	63	48380	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.66	46	121449	49.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	5.09	84	63965	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.72	65	41612	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.75	84	120992	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	40121	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.91	98	97874	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.19	79	16065	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.64	63	83123	45.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35174	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	39479	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

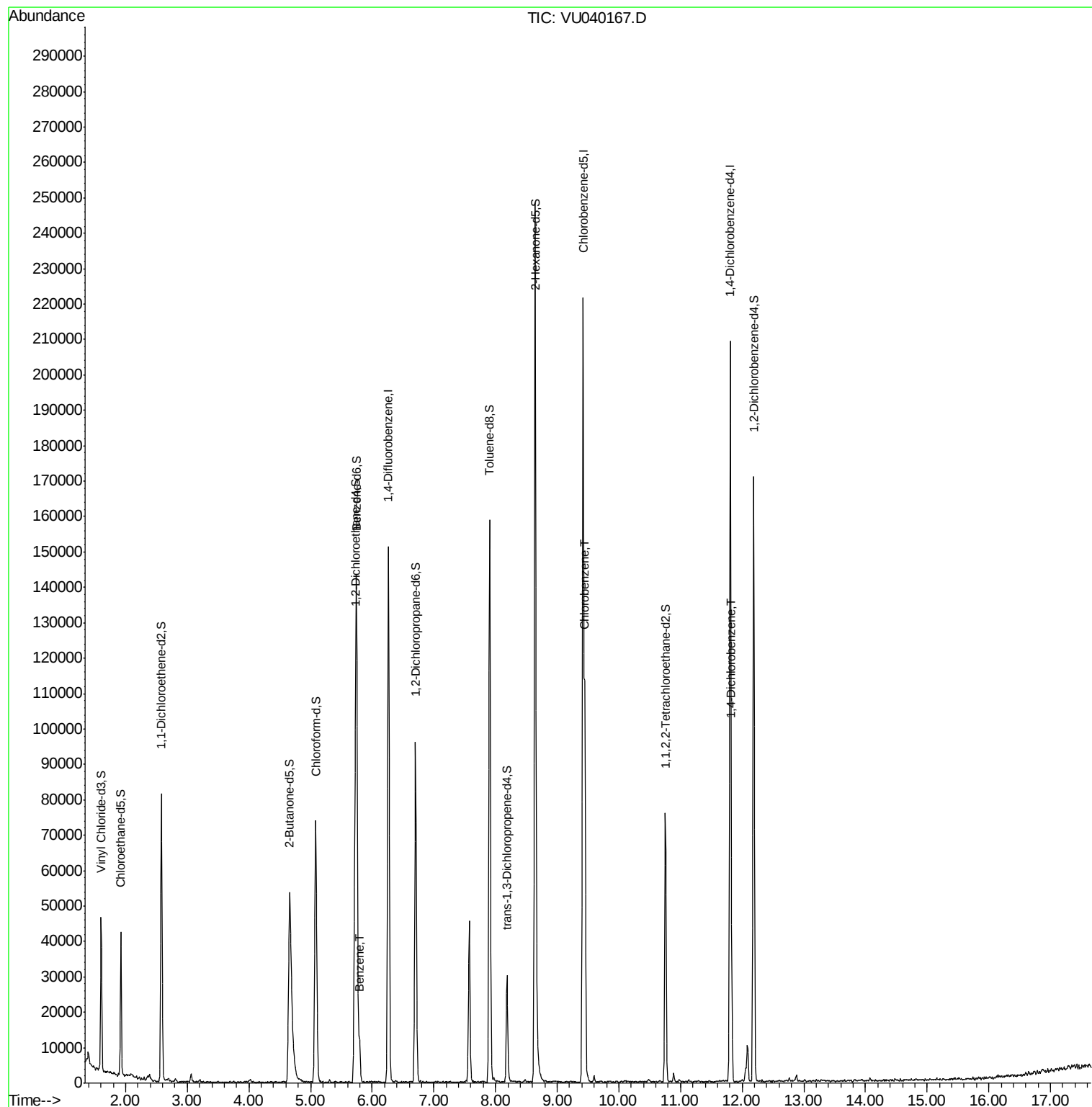
Target Compounds					Ovalue
33) Benzene	5.79	78	10199	0.259 ug/L	100
51) Chlorobenzene	9.45	112	50565	2.008 ug/L	94
63) 1,4-Dichlorobenzene	11.83	146	5704	0.321 ug/L	92

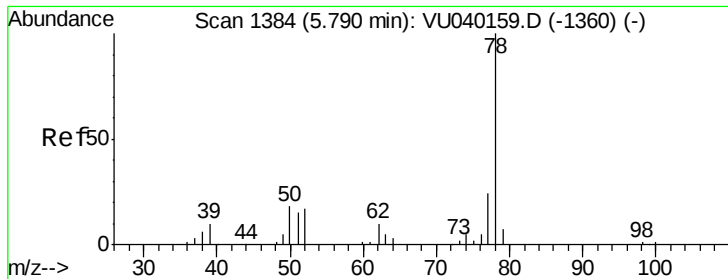
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.259 ug/L

RT: 5.79 min Scan# 1385

Delta R.T. 0.00 min

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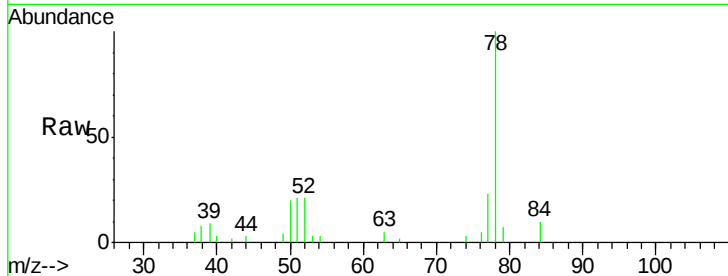
Instrument :

MSVOA_U

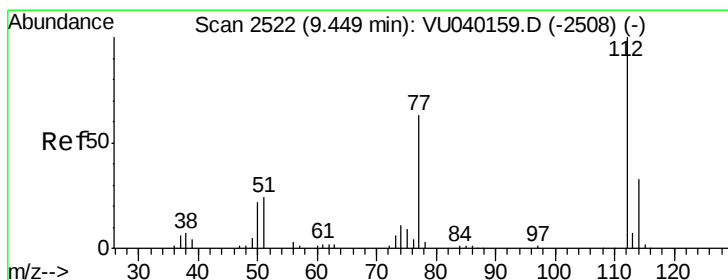
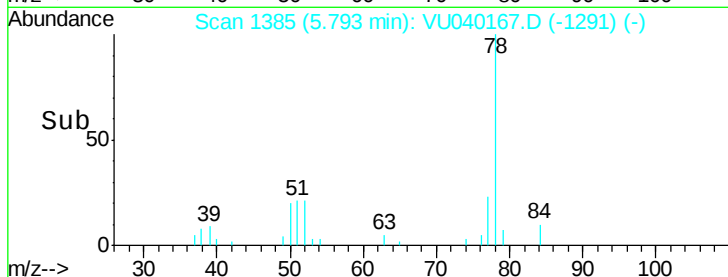
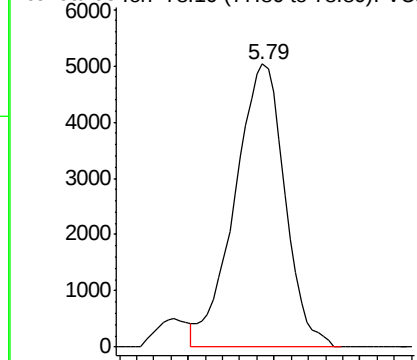
ClientSampleId :

BG0P3

Tgt Ion: 78 Resp: 10199



Abundance Ion 78.10 (77.80 to 78.80): VU0



#51

Chlorobenzene

Concen: 2.008 ug/L

RT: 9.45 min Scan# 2522

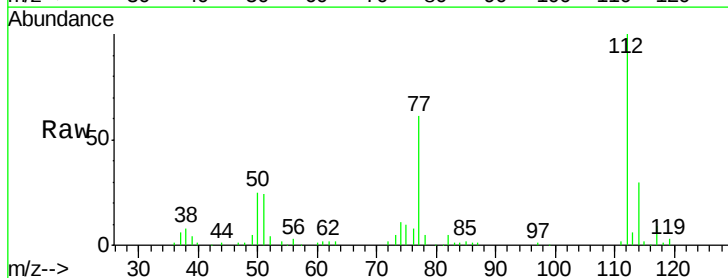
Delta R.T. -0.00 min

Lab File: VU040167.D

Acq: 16 Sep 2020 23:28

Tgt Ion: 112 Resp: 50565

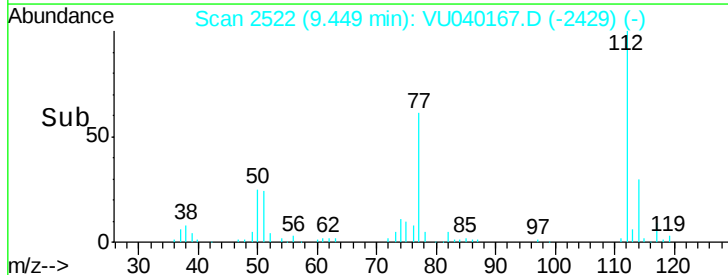
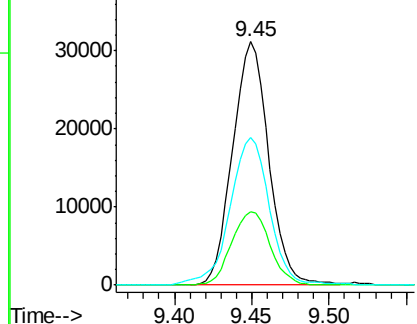
Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.7	42.3
77	60.8	53.2	79.8

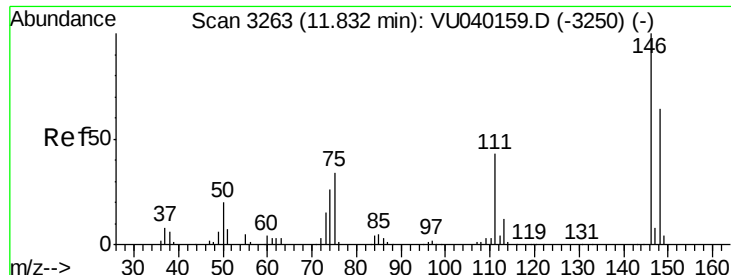


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0

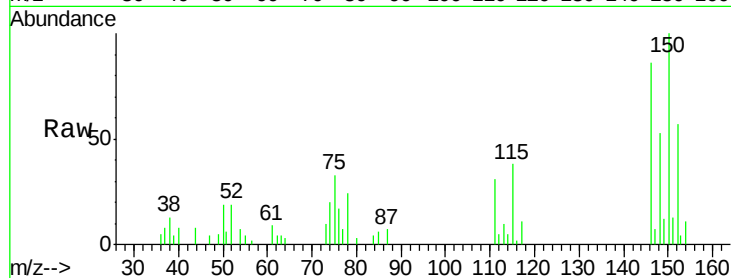




#63
 1,4-Dichlorobenzene
 Concen: 0.321 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
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Tot Ion:146 Resp: 5704
 Ion Ratio Lower Upper
 146 100
 111 35.6 30.5 56.7
 148 61.3 45.4 84.4



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

